Test Report issued under the responsibility of:

TEST REPORT
IEC 60335-2-6
Safety of household and similar electrical appliances
Part 2: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances

Report Number. ..... :	TR_2021705_1
Date of issue..... :	2021 September 06
Total number of pages ..... :	147
Name of Testing Laboratory preparing the Report..... :	SGS Turkey E&E Laboratory
Applicant's name..... :	Sersim Dayanikli Tüketim Mallari Sanayi Ve Ticaret Kollektif Şirketi
Address..... :	Serbest Bölge 12. Cadde No:18 Melikgazi Kayseri /Türkiye
Test specification:	
Standard ..... :	IEC 60335-2-6:2014, AMD1:2018 in conjunction with IEC 60335-1:2010, COR1:2010, COR2:2011, AMD1:2013, COR1:2014, AMD2:2016, COR1:2016
Test procedure ..... :	CB Scheme
Non-standard test method ..... :	N/A
Test Report Form No. ..... :	IEC60335_2_6R
Test Report Form(s) Originator.... :	LCIE
Master TRF..... :	Dated 2018-08-10

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.
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Test item description..... :	Freestanding oven with hobs
Trade Mark..... :	Simfer
Manufacturer..... :	Sersim Dayanikli Tüketim Mallari Sanayi Ve Ticaret Kollektif Şirketi
Model/Type reference..... :	See pages between 7 and 10
Ratings..... :	See pages between 7 and 10

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):			
☐	**CB Testing Laboratory:**	N/A	
Testing location/ address.....:			
Tested by (name, function, signature).....:			
Approved by (name, function, signature)...:			
☒	**Testing procedure: CTF Stage 1:**	P	
Testing location/ address.....:		Sersim Dayanikli Tüketim Mallari Sanayi ve Ticaret Kollektif Şirketi Serbest Bölge 12. Cadde no:18 Melikgazi Kayseri/Türkiye	
Tested by (name, function, signature).....:		Füsun Aksaz	
Approved by (name, function, signature)...:		Saffettin Kılıçcan	
☐	**Testing procedure: CTF Stage 2:**	N/A	
Testing location/ address.....:			
Tested by (name + signature) .....:			
Witnessed by (name, function, signature)..:			
Approved by (name, function, signature)...:			
☐	**Testing procedure: CTF Stage 3:**	N/A	
☐	**Testing procedure: CTF Stage 4:**	N/A	
Testing location/ address.....:			
Tested by (name, function, signature).....:			
Witnessed by (name, function, signature)..:			
Approved by (name, function, signature)...:			
Supervised by (name, function, signature) :			

List of Attachments (including a total number of pages in each attachment):

1) Attachment 1: Electric diagram (1 page)
2) Attachment 2: Photo documentation (25 pages)
3) Attachment 3: European Group Differences And National Differences EU_GD_IEC60335_1(14 pages)
4) Attachment 4: European Group Differences And National Differences EU_GD_IEC60335_2_6 (17 pages)
5) Attachment 5 :AS/NZS 60335.1 and AS/NZS 60335.2.6 (7 pages)

Summary of testing: Models MFT1 5049NERBB, MFT1 6049NERBB, MFT1-6049NERIG MFT1-5049NERIG ,MFT1 6049NECBB have been tested and this model is representative of the range.

Following models partially tested MFT1-6049NERIG Cl.11 and Cl.19, MFT1-5049NERIG Cl.11 ,MFT1-7045NERBB Cl.19 , MFP1-6046IECIM Cl. 11 and Cl.19

Tests performed (name of test and test clause):	**Testing location:**
Within this test report the freestanding ovens MFT1 5049NERBB, MFT1 6049NERBB , MFT1-6049NERIG ,MFT1-5049NERIG, MFT1 6049NECBB , MFT1-6049NERIG, MFT1-5049NERIG, MFT1-7045NERBB and MFP1-6046IECIM were evaluated against the safety requirements of the applicable international standards: IEC 60335-2-6:2014, AMD1:2018 in conjunction with IEC 60335-1:2010, COR1:2010, COR2:2011, AMD1:2013, COR1:2014, AMD2:2016, COR1:2016 EN 60335-2-6:2015 EN 60335 1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019, EN 62233:2008+ AC:2008 AS/NZS 60335.2.6: 2014 + A1:2015 + A2:2019 AS/NZS 60335.1:2020	Sersim Dayanikli Tüketim Mallari Sanayi ve Ticaret Kollektif Şirketi Serbest Bölge 12. Cadde no:18 Melikgazi Kayseri/Türkiye

Summary of compliance with National Differences (List of countries addressed):

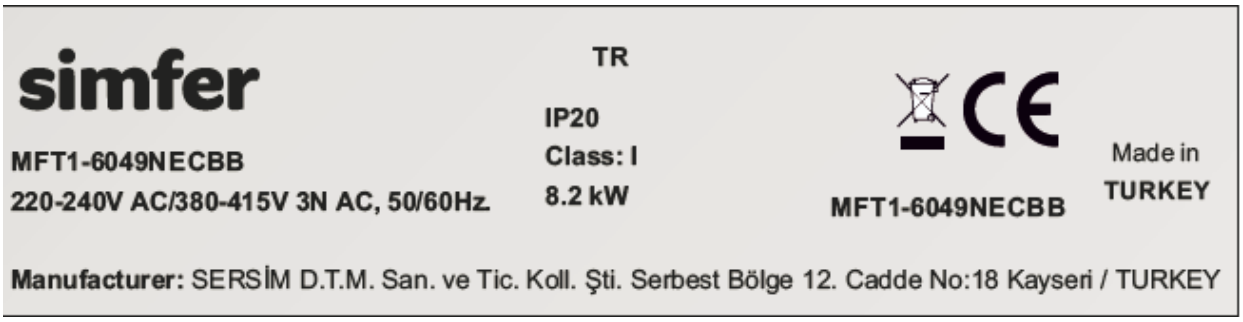
EU common modifications

BH, AE,QA, KW,SA,OM ,YE,AU

☒ **The product fulfils the requirements of** EN 60335-2-6:2015 ,EN 60335 1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019, EN 62233:2008+ AC:2008

Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.




simfer
MFT1-6049NERBB
220-240V AC/380-415V 3N AC, 50/60Hz.
TR
IP20
Class: I
9.2 kW
MFT1-6049NERBB
Made in
TURKEY
Manufacturer: SERSİM D.T.M. San. ve Tic. Koll. Şti. Serbest Bölge 12. Cadde No:18 Kayseri / TURKEY


simfer
MFT1-6049NERBB
220-240V AC/380-415V 3N AC, 50/60Hz.
TR
IP20
Class: I
9.2 kW
MFT1-6049NERBB
Made in
TURKEY
Manufacturer: SERSİM D.T.M. San. ve Tic. Koll. Şti. Serbest Bölge 12. Cadde No:18 Kayseri / TURKEY


simfer
MFT1-7045NERBB
220-240V AC/380-415V 3N AC, 50/60Hz.
Class: I
TR
IP20
8.2 kW
MFT1-7045NERBB
Made in
TURKEY
Manufacturer: SERSİM D.T.M. San. ve Tic. Koll. Şti. Serbest Bölge 12. Cadde No:18 Kayseri / TURKEY


simfer
MFP1-6046IECIM
220-240V AC/380-415V 3N AC, 50/60Hz.
TR
IP20
Class: I
8.2 kW
MFP1-6046IECIM
Made in
TURKEY
Manufacturer: SERSİM D.T.M. San. ve Tic. Koll. Şti. Serbest Bölge 12. Cadde No:18 Kayseri/TURKEY


simfer
MFT2-7049NERBB
220-240V AC/380-415V 3N AC, 50/60Hz.
TR
IP20
Class: I
8.3 kW
MFT2-7049NERBB
Made in
TURKEY
Manufacturer: SERSİM D.T.M. San. ve Tic. Koll. Şti. Serbest Bölge 12. Cadde No:18 Kayseri/TURKEY

Test item particulars .....:	Class I, Stationary oven, household use
Classification of installation and use.....:	Permanently connected to fixed wiring
Supply Connection .....:	Type Y attachment, with or without supply cord
.....:	
Possible test case verdicts:	
- test case does not apply to the test object..... :	N/A
- test object does meet the requirement..... :	P (Pass)
- test object does not meet the requirement..... :	F (Fail)
Testing ..... :	
Date of receipt of test item..... :	2021.08.03
Date (s) of performance of tests ..... :	2021.08.03-.2021.08.18

General remarks:

"(See Enclosure #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.

Throughout this report a ☒ comma / ☐ point is used as the decimal separator.

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....:	☐ **Yes** ☒ **Not applicable**

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies)..... :	Sersim Dayanikli Tüketim Mallari Sanayi ve Ticaret Kollektif Şirketi Serbest Bölge 12. Cadde no:18 Melikgazi Kayseri/Türkiye

General product information and other remarks:

The appliance evaluated within this test report ,is a protection class I freestanding ovens with fixed wiring. It is designed for general home use, no special protection against to water proof .

Differencies bettween MFT1-4*** ,MFT1 5049NERBB, MFT1 6049NERBB and MFT1 6049NECBB are;
Ratings , design are different , components are same without vitroceramic hp.
Appliance have Norway plug which current is 25 A
Main limiters (105°C NC and 185°C for MFT1-4***) are used to ensure the oven cavity temperature of <425 °C

Limiters will be followings

a) 50x60 (MFT1-5***) : 105NC; 150NC
b) 60x60 (MFT1-6***) : 105NC; 120NC
c) 50x55 (MFT1-4***) : 180NC
d) 60x55 (MFT1-7***) : 180NC

Cooling fan motor limiter is 55 C
Product Key

Model explanation table
Product Key

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
CODES	Product	Type of product	Type of product	Version	-	Size	Number of hobs with gas	Number of electrical hobs	Number of oven functions	Outer design	Oven type	Hob property	Colour	Colour
MFTX-4(G)(H)(I)(J)(K)(L)(MN)	M	F	T	X	-	4	X	X	X	X	X	X	X	X
MFTX-5(G)(H)(I)(J)(K)(L)(MN)	M	F	T	X	-	5	X	X	X	X	X	X	X	X
MFTX-6(G)(H)(I)(J)(K)(L)(MN)	M	F	T	X	-	6	X	X	X	X	X	X	X	X
MFTX-7(G)(H)(I)(J)(K)(L)(MN)	M	F	T	X	-	7	X	X	X	X	X	X	X	X
MFPX-6(G)(H)(I)(J)(K)(L)(MN)	M	F	P	X	-	6	X	X	X	X	X	X	X	X

Model explanation table

Type description	Explanation	Description
A	Product	M
B	Type of product	F= Free standing oven
C	Type of product	T= Free standing oven P=Semi profesyonel
D	Version	1 or 2
E		-

F	Size	4= 50x55cm 5= 50x60cm 6= 60x60cm 7= 60x55cm
G	Number of hobs with gas	0
H	Number of Electrical hobs	3 or 4
I	Number of oven functions	3= 3 functions; top heating element, bottom heating element, and top heating element+bottom heating element 4= 4 functions; top heating element, bottom heating element,top heating element+bottom heating element and grill heating element 5= 5 functions; top heating element, bottom heating element, top heating element+bottom heating element, fan+bottom heating element, top heating element+bottom heating element+fan 6= 6 functions; top heating element, bottom heating element, top heating element+bottom heating element, grill heating element, fan+grill heating element, top heating element+bottom heating element+ fan 8=11 function programer 9= 9 functions; fan, turbo heating element+ fan, top heating element+bottom heating element+ fan, fan+grill heating element, grill heating element, top heating element, bottom heating element, and top heating element+bottom heating element, lamp
J	Outer design Model (Aestethic view) From A……..to Z	Different knob view and panel view Each letter indicates a different knob view and panel view of product.
K	Oven type	E= Electrical
L	Hob property	C= With standard vitroceramic hob D=With standard vitroceramic hob and rotary switch control B= 1 dual + 1 oval vitroceramic hob R= no information
M	Colour	** colour

Power explanation table

POWER	MFT1-5(G)(H)(I)(J)(K)(L)(MN)	MFT1-6(G)(H)(I)(J)(K)(L)(MN)/ MFP1-6(G)(H)(I)(J)(K)(L)(MN)/ MFT2-7(G)(H)(I)(J)(K)(L)(MN)	MFT1-4(G)(H)(I)(J)(K)(L)(MN)
Bottom heating element	1000W	1200W	1000W
Top heating element	800W	1000W	800W
Turbo heating element	1800W	2200W	-

Grill heating element	1500W	2000W	1500W
Lamp power	15...25 W	15...25 W	15...25 W
Ø 80 Hotplate	450W	450W	450W
Ø 145 Hotplate	1000W	1000W	1000W
Ø 145 Rapid Hotplate	1500W	1500W	1500W
Ø 180 Hotplate	1500W	1500W	1500W
Ø 180 Rapid Hotplate	2000W	2000W	2000W
Ø 140 Ceran Plate with energy regulator	1200W	1200W	1200W
Ø 140 Ceran Plate with commutator	1200W	1200W	1200W
Ø 180 Ceran Plate with energy regulator	1800W	1800W	1800W
Ø 180 Ceran Plate with commutator	1700W	1700W	1700W
Ø 220 Hotplate	2000W	2000W	2000W

Model	**Rated voltage and frequency**	**Rated Total Power (W)**	**Glass**	**Turbo Power (W)**	**Hotplate Power (W)**	**Resistance Power (W)**	**Grill Power (W)**	**Hotplate type**
MFT1-5049NERBB	220-240V ~/ 380-415V 2N ~ 380-415V 3N ~ 50/60Hz	8800	2 or 3 Glass (1 Low-e glass) 15W lamp power	1800	2X1500W (145mm) 2X2000W (180mm)	Top 800 + Lower 1000	1500	4 rapid hotplate
MFT1-6049NERBB		9200		2200		Top 1000 + Lower 1200	2000	
MFT1-6049NECBB		8200		2200	2X1200W (140mm) 2X1800W (180mm)	Top 1000 + Lower 1200	2000	4 vitroceramic
MFT1-4044XERBB		8800		-	2X1500W (145mm) 2X2000W (180mm)	Top 800 + Lower 1000	1500	4 rapid hotplate
MFT1-4034IECBB		6000		-	2X1200W (140mm) 1800W (180mm)	Top 800 + Lower 1000	1500	3 vitroceramic

MFT1-6049NERIG		9265		2200	2X1500W (145mm) 2X2000W (180mm)	Top 1000 + Lower 1200	2000	4 rapid hotplate
MFT1-5049NERIG		8865		1800	2X1500W (145mm) 2X2000W (180mm	Top 800 + Lower 1000	1500	4 rapid hotplate

Info : Hot surface label is only related with Australian deviation ,When product will be sent to Australia than hot surface lable must be fixed to glass door of oven , for Australian 3 glass door used for all product, it is optional
The model will be traded under the following brand: Simfer

Information to manufacturer and factory:
Manufacturer and factory are the same as license holder with same company name and address.
Address:

Sersim Dayanikli Tüketim Mallari Sanayi Ve Ticaret Kollektif Şirketi

Serbest Bölge 12. Cadde No:18 Melikgazi Kayseri / Türkiye

Additional information: The page 124 replaced for typing error.

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
5	**GENERAL CONDITIONS FOR THE TESTS**		
	Tests performed according to clause 5, e.g. nature of supply, sequence of testing, etc.		P
5.3	Addition: for pyrolitic self-cleaning ovens, the tests of 22.108 to 22.111 are carried out before the tests of Clause 19 (IEC 60335-2-6)		N/A
5.4	Addition: appliances that also use gas are supplied with gas at the appropriate rated pressure. Vessels having a diameter of approximately 220mm are filled with 2 l of water, covered with a lid and placed on the hob burners. The controls are adjusted so that the water simmers, water being added when necessary to maintain the level (IEC 60335-2-6)		N/A
5.101	Class III temperature-sensing probes are only subjected to the tests of Clause 19 (IEC 60335-2-6)		N/A
5.102	Steam convection ovens are tested as ovens. (IEC 60335-2-6)		N/A
6	**CLASSIFICATION**		
6.1	Protection against electric shock: Class I, II, III ..... (IEC 60335-2-6):	Class I	P
	For a class III construction with a detachable power supply part the appliance is classified according to the detachable power supply part		N/A
6.2	Protection against harmful ingress of water		N/A
	Ovens for open deck use shall be IPX6. (IEC 60335-2-6)		N/A
7	**MARKING AND INSTRUCTIONS**		
7.1	Rated voltage or voltage range (V) ....:	220-240 V/ 380-415 V 3 N	P
	Symbol for nature of supply, or ....:	AC	P
	Rated frequency (Hz) ....:	50/60 Hz	P
	Rated power input (W), or..... .....:	See pages between 7 and 10	P
	Rated current (A) ....:		N/A
	For induction hob elements and induction wok elements (IEC 60335-2-6) total rated power input or rated current		N/A
	For pressure steam ovens (IEC 60335-2-6) rated cooking pressure in kilopascals (kPa).		N/A
	Manufacturer's or responsible vendor's name, trademark or identification mark..... .....:	Simfer	P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Model or type reference..... .....:	See pages between 7 and 10	P
	Symbol IEC 60417-5172, for class II appliances		N/A
	IP number, other than IPX0 ....:	IP20	N/A
	Symbol IEC 60417-5180, for class III appliances, unless		N/A
	the appliance is operated by batteries only, or		N/A
	for appliances powered by rechargeable batteries recharged in the appliance		N/A
	Symbol IEC 60417-5018, for class II and class III appliances incorporating a functional earth		N/A
	Symbol IEC 60417-5036, for the enclosure of electrically-operated water valves in external hose-sets for connection of an appliance to the water mains, if the working voltage exceeds extra-low voltage		N/A
	Marking of the rated current of the fuse other than D-type fuse for cooking ranges incorporate a socket-outlet. .....(IEC 60335-2-6)		N/A
	Marking of the rated current of the fuse other than D-type fuse .....(IEC 60335-2-6)		N/A
7.2	Warning for stationary appliances for multiple supply		N/A
	Warning placed in vicinity of terminal cover		P
7.3	Range of rated values marked with the lower and upper limits separated by a hyphen	220-240 V /380-415 V	P
	Different rated values marked with the values separated by an oblique stroke		N/A
7.4	Appliances adjustable for different rated voltages or rated frequencies, the voltage or the frequency setting is clearly discernible		N/A
	Requirement met if frequent changes are not required and the rated voltage or rated frequency to which the appliance is to be adjusted is determined from a wiring diagram		N/A
7.5	Appliances with more than one rated voltage or one or more rated voltage ranges, marked with rated input or rated current for each rated voltage or range, unless		N/A
	the power input or current are related to the arithmetic mean value of the rated voltage range		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Relation between marking for upper and lower limits of rated power input or rated current and voltage is clear		N/A
7.6	Correct symbols used		P
	Symbol for nature of supply placed next to rated voltage		P
	Symbol for class II appliances placed unlikely to be confused with other marking		N/A
	Units of physical quantities and their symbols according to international standardized system		P
	Symbol IEC 60417-5010: ON/OFF (push-push) (IEC 60335-2-6)		N/A
	Symbol IEC 60417-6059: Caution, possibility of tilting (IEC 60335-2-6)		N/A
	Symbol IEC 60417-6060: Anti-tip restraints (IEC 60335-2-6)		N/A
7.7	Connection diagram fixed to appliances to be connected to more than two supply conductors and appliances for multiple supply, unless	Diagram marked on the terminal block cover.	P
	correct mode of connection is obvious		N/A
7.8	Except for type Z attachment, terminals for connection to the supply mains indicated as follows:		
	- marking of terminals exclusively for the neutral conductor (letter N)		P
	- marking of protective earthing terminals (symbol IEC 60417-5019)		P
	- marking of functional earthing terminals (symbol IEC 60417-5018)		N/A
	- marking not placed on removable parts		P
7.9	Marking or placing of switches which may cause a hazard		P
	Flexible induction cooking zone switches, touch controls, displays and the like shall be marked or placed so as to indicate clearly as to which vessel is assigned to which switch, touch control, display or the like. (IEC 60335-2-6)		N/A
7.10	Indications of switches on stationary appliances and controls on all appliances by use of figures, letters or other visual means ....:	Figures and letters used	P
	This applies also to switches which are part of a control		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	If figures are used, the off position indicated by the figure 0		P
	The figure 0 indicates only OFF position, unless no confusion with the OFF position		P
	The figure 0 indicates OFF position and figure I indicates ON position of touch controls for hobs or (IEC 60335-2-6)		N/A
	for each hob element (IEC 60335-2-6)		P
	If the same touch control is used for switching on and off, symbol IEC 60417-5010 (2002-10) can be used. (IEC 60335-2-6)		N/A
7.11	Indication for direction of adjustment of controls		P
7.12	Instructions for safe use provided		P
	Details concerning precautions during user maintenance		P
	The instructions state that:		
	- the appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction		P
	- children being supervised not to play with the appliance		P
	For a part of class III construction supplied from a detachable power supply unit, the instructions state that the appliance is only to be used with the unit provided		N/A
	Instructions for class III appliances state that it must only be supplied at SELV, unless		N/A
	it is a battery-operated appliance, the battery being charged outside the appliance		N/A
	For appliances for altitudes exceeding 2000 m, the maximum altitude is stated ....:		N/A
	The instructions for appliances incorporating a functional earth states that the appliance incorporates an earth connection for functional purposes only		N/A
	Instructions shall include the following: (IEC 60335-2-6)		
	Warning: If the surface is cracked, switch off the appliance to avoid the possibility of electric shock, for hob surfaces of glass-ceramic or similar material which protect live parts		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	During use the appliances becomes hot. Care should be taken to avoid touching heating elements inside the oven, for cooking ranges and ovens		P
	Instructions for ovens: (IEC 60335-2-6)		
	Warning: Accessible parts may become hot during use. Young children should be kept away.		P
	Instructions for ovens having doors with glass panels: (IEC 60335-2-6)		
	Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.		P
	If during the test of Clause 11, the temperature rise at the centre of the internal bottom surface of a storage drawer exceeds that specified for handles held for short periods in normal use, the instruction shall state that these surfaces can get hot.		N/A
	The instructions of pressure steam ovens shall include the substance of the following: The ducts in the pressure regulator allow the escape of steam, so these ducts should be regularly checked to ensure that they are not blocked. (IEC 60335-2-6)		N/A
	The instructions of pressure steam ovens shall also give details on how to open the door safely. (IEC 60335-2-6)		N/A
	The instructions of pressure steam ovens shall include the substance of the following warning: WARNING: Do not open drain cocks or other emptying devices until the pressure has been reduced to approximately atmospheric pressure. (IEC 60335-2-6)		N/A
	Instructions for pyrolytic self-cleaning ovens shall: (IEC 60335-2-6)		
	- state that excess spillage must be remove before cleaning		N/A
	- specify which utensils can be left in the oven during cleaning		N/A
	Instructions shall state for cleaning used to set the controls to a position higher than for normal cooking purposes: (IEC 60335-2-6)		
	- that under such conditions the surfaces may be get hotter than usual		N/A
	- children should be kept away		N/A
	Instructions for ovens incorporating a fan with a guard that can removed for cleaning shall state that: ..... (IEC 60335-2-6)		
	- the oven must be switched off before removing the guard and	Fan guard not removable	N/A
	- after cleaning, the guard must be replaced in accordance with instructions		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Instructions for ovens provided with a facility to use a temperature-probe shall include the following: ..... (IEC 60335-2-6)		
	-Only use the temperature probe recommended for this oven		N/A
	The instructions for ovens that have shelves shall include details indicating the correct installation of the shelves. (IEC 60335-2-6)		P
	Instructions for cooking ranges, hobs and oven ... (IEC 60335-2-6)		
	-shall state a steam cleaner is not be used		P
	Instructions for induction hobs shall state the following: (IEC 60335-2-6)		
	-Metallic objects such as knives, forks, spoons and lids should not be placed on the hob surface since they can get hot		N/A
	Instructions for hobs incorporating a lid shall state (IEC 60335-2-6)		
	-Any spillage should be removed from the lid before opening. They also state than that		P
	- Hob surface should be allowed to cool before closing the lid		P
	Instructions for hobs incorporating halogen lamps shall warn the user not to stare at the hob elements (IEC 60335-2-6)		P
	Instructions for appliances incorporating a lamp for illumination, and does not incorporate a switch providing full disconnection under overvoltage category shall state the following:..... (IEC 60335-2-6)		
	-Warning - Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock .		P
	The instructions for hobs shall state that the appliance is not intended to be operated by means of external timer or separated remote-control system (IEC 60335-2-6)		P
	The instructions for hobs shall include the substance of the following (IEC 60335-2-6)		
	Danger of fire: Do not store items on the cooking surfaces.		P
	CAUTION: The cooking process has to be supervised. A short term cooking process has to be supervised continuously.		P
	WARNING: Unattended cooking on a hob with fat or oil can be dangerous and may result in a fire.		P
	The instructions for hobs incorporating an induction wok element shall contain a list of vessels that can be used, unless the manufacturer provides a wok with the appliance (IEC 60335-2-6)		N/A
	The instructions for ovens that have shelves shall include details indicating the correct installation of the shelves (IEC 60335-2-6)		P
7.12.1	Sufficient details for installation supplied		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	For an appliance intended to be permanently connected to the water mains and not connected by a hose-set, this is stated		N/A
	If different rated voltages or different rated frequencies are marked, the instructions state what action to be taken to adjust the appliance		N/A
	Unless the instructions for cooking ranges state that the range must not be placed on a base, the instructions for cooking ranges that are placed on the floor shall state that if the range is placed on a base, measures have to be taken to prevent the appliance slipping from the base. (IEC 60335-2-6)		P
	Unless the instructions state to the contrary, the instructions for cooking ranges and ovens shall state that the appliance must not be installed behind a decorative door in order to avoid overheating. (IEC 60335-2-6)		N/A
	The instructions for appliances intended to be connected to the water mains shall include the maximum rated water pressure in megapascals. (IEC 60335-2-6)		N/A
	The instructions for ovens that are intended for use on board ships shall include details for fixing the appliance. (IEC 60335-2-6)		N/A
7.12.2	Stationary appliances not fitted with means for disconnection from the supply mains having a contact separation in all poles that provide full disconnection under overvoltage category III, the instructions state that means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules		N/A
7.12.3	Insulation of the fixed wiring in contact with parts exceeding 50 K during clause 11; instructions state that the fixed wiring must be protected		N/A
	Instructions for cooking range does not have a supply cord shall state the type of cord to be used, taking into account the temperature of the rear surface of the appliance (IEC 60335-2-6)		N/A
7.12.4	Instructions for built-in appliances:		
	- dimensions of space		N/A
	- dimensions and position of supporting and fixing		N/A
	- minimum distances between parts and surrounding structure		N/A
	- minimum dimensions of ventilating openings and arrangement		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	- connection to supply mains and interconnection of separate components		N/A
	- allow disconnection of the appliance after installation, by accessible plug or a switch in the fixed wiring, unless		N/A
	a switch complying with 24.3		N/A
	Instructions for built-in appliances having a separate control panels shall state the control panel is only to be connected to heating units specified in order to avoid a possible hazard (IEC 60335-2-6)		N/A
7.12.5	Replacement cord instructions, type X attachment with a specially prepared cord		N/A
	Replacement cord instructions, type Y attachment		P
	Replacement cord instructions, type Z attachment		N/A
7.12.6	Caution in the instructions for appliances incorporating a non-self-resetting thermal cut-out that is reset by disconnection of the supply mains, if this cut-out is required to comply with the standard		N/A
7.12.7	Instructions for fixed appliances stating how the appliance is to be fixed		N/A
7.12.8	Instructions for appliances connected to the water mains:		
	- max. inlet water pressure (Pa)..... .....:		N/A
	- min. inlet water pressure, if necessary (Pa) ....:		N/A
	Instructions concerning new and old hose-sets for appliances connected to the water mains by detachable hose-sets		N/A
7.12.9	Instructions specified in 7.12 and from 7.12.1 to 7.12.8 appear together before any other instructions supplied with the appliance		P
	These instructions may be supplied with the appliance separately from any functional use booklet		P
	They may follow the description of the appliance that identifies parts, or follow the drawings/sketches		N/A
	In addition, instructions are also available in an alternative format such as on a website or on request from the user in a format such as a DVD		P
	In addition, instructions are also available in an alternative format such as on a website or in a format such as a DVD ....:	on a website	P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
7.13	Instructions and other texts in an official language		P
7.14	Marking clearly legible and durable, rubbing test as specified		P
	Signal words WARNING, CAUTION, DANGER in uppercase having a height as specified ....:	3,5 mm	P
	Uppercase letter of the text explaining the signal word not smaller than 1,6 mm ....:	1,6 mm	P
	Moulded in, engraved, or stamped markings either raised above or have a depth below the surface of at least 0,25 mm, unless	Moulded in, engraved, or stamped markings not used	N/A
	contrasting colours are used		N/A
	Markings checked by inspection, measurement and rubbing test as specified		P
7.15	Markings on a main part		P
	Marking clearly discernible from the outside, if necessary after removal of a cover		N/A
	The marking for the rated current of the fuse protecting a socket-outlet shall be placed on or near the socket-outlet. (IEC 60335-2-6)		N/A
	For portable appliances, cover can be removed or opened without a tool		N/A
	For stationary appliances except for fixed appliances, at least the name or trademark or identification mark of the manufacturer or responsible vendor and the model or type reference shall be visible when the appliance is installed as in normal use. (IEC 60335-2-6)		P
	For fixed appliances, the marking of the name or trademark or identification mark of the manufacturer or responsible vendor and the model or type reference shall be marked on the appliance and, if not visible when the appliance is installed as in normal use, shall be included in the instructions or on an additional label that can be fixed near the appliance after installation. (IEC 60335-2-6)		N/A
	Indications for switches and controls placed on or near the components. Marking not on parts which can be positioned or repositioned in such a way that the marking is misleading		P
	The symbol IEC 60417-5018 placed next to the symbol IEC 60417-5172 or IEC 60417-5180		N/A
7.16	Marking of a possible replaceable thermal link or fuse link clearly visible with regard to replacing the link		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
7.101	Marking of the maximum water level, which shall be visible during filling, for steam generators intended to filled manually (IEC 60335-2-6)		N/A
7.102	Appropriate marking the cooking zone of hob surfaces unless (IEC 60335-2-6)		P
7.103	For cooking ranges that are normally placed on the floor and that have horizontally hinged oven doors with a hinge height of less than 430mm from the floor, if a stabilizing means is necessary in order to comply with the test of 20.102, then: (IEC 60335-2-6)		P
	-The stabilizing means shall be marked, in lettering at least 3mm high, with the substance of the following warning: WARNING: in order to prevent tipping of the appliance, this stabilizing means must be installed. Refer to the instructions for installation. (IEC 60335-2-6)		P
	-The appliance shall be marked, in lettering at least 3mm high, at the point of supply entry and at least one other point to draw the attention of the user to the need to stabilize the appliance. (IEC 60335-2-6)		P
	If symbol IEC 60417-6059 (2011-05) or IEC 60417-6060 (2011-05) are used, their meaning shall be explained in the instructions and their height shall be at least 30 mm. (IEC 60335-2-6)		N/A
8	**PROTECTION AGAINST ACCESS TO LIVE PARTS**		
8.1	Adequate protection against accidental contact with live parts		P
8.1.1	Requirement applies for all positions, detachable parts removed		P
	Lamps behind a detachable cover not removed, if conditions met		P
	Insertion or removal of lamps, protection against contact with live parts of the lamp cap		P
	Use of test probe B of IEC 61032, with a force not exceeding 1 N: no contact with live parts		P
	Use of test probe B of IEC 61032 through openings, with a force of 20N: no contact with live parts		P
8.1.2	Use of test probe 13 of IEC 61032, with a force not exceeding 1 N, through openings in class 0 appliances and class II appliances/constructions: no contact with live parts		P
	Test probe 13 also applied through openings in earthed metal enclosures having a non-conductive coating: no contact with live parts		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
8.1.3	For appliances other than class II, use of test probe 41 of IEC 61032, with a force not exceeding 1 N: no contact with live parts of visible glowing heating elements		N/A
	For a single switching action obtained by a switching device, requirements as specified		N/A
	For appliances with a supply cord and without a switching device, the single switching action may be obtained by the withdrawal of the plug		N/A
8.1.4	Accessible part not considered live if:		
	- safety extra-low a.c. voltage: peak value not exceeding 42.4 V		N/A
	- safety extra-low d.c. voltage: not exceeding 42.4 V		N/A
	- or separated from live parts by protective impedance		N/A
	If protective impedance: d.c. current not exceeding 2 mA, and		N/A
	a.c. peak value not exceeding 0.7 mA		N/A
	- for peak values over 42.4 V up to and including 450 V, capacitance not exceeding 0,1 μF		N/A
	- for peak values over 450 V up to and including 15 kV, discharge not exceeding 45 μC		N/A
	- for peak values over 15kV, the energy in the discharge not exceeding 350 mJ		N/A
8.1.5	Live parts protected at least by basic insulation before installation or assembly:		
	- built-in appliances		N/A
	- fixed appliances		N/A
	- appliances delivered in separate units		N/A
8.2	Class II appliances and constructions constructed so that there is adequate protection against accidental contact with basic insulation and metal parts separated from live parts by basic insulation only		P
	Only possible to touch parts separated from live parts by double or reinforced insulation		P
9	**STARTING OF MOTOR-OPERATED APPLIANCES**		
	Requirements and tests are specified in part 2 when necessary		N/A
10	**POWER INPUT AND CURRENT**		

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
10.1	Power input at normal operating temperature, rated voltage and normal operation not deviating from rated power input by more than shown in table 1 .:	(see appended table)	P
	If the power input varies throughout the operating cycle and the maximum value of the power input exceeds, by a factor greater than two, the arithmetic mean value of the power input occurring during a representative period, the power input is the maximum value that is exceeded for more than 10 % of the representative period		N/A
	Otherwise the power input is the arithmetic mean value		P
	Test carried out at upper and lower limits of the ranges for appliances with one or more rated voltage ranges, unless		N/A
	the rated power input is related to the arithmetic mean value		P
	Socket-outlets are not loaded during the test, however the power input is considered to be 1 kW per socket-outlet. (IEC 60335-2-6)		N/A
	For ovens and steam ovens, the heat up time to obtain the centre cavity temperature specified for normal operation is a representative period. (IEC 60335-2-6)		P
	For griddles, the heat up time to obtain the surface temperature specified for normal operation is a representative period. (IEC 60335-2-6)		N/A
	For grills and warming drawers, the heat up period for normal operation is a representative period.		N/A
	For hobs, the heat up time until the water boils with the controls adjusted to their highest setting is a representative period. (IEC 60335-2-6)		P
	For induction hob elements and induction wok elements, the heat up time for the oil to reach a temperature of 180°C ± 4°C with the controls adjusted to their highest setting is a representative period. If the power input is reduced during the heat up time for the oil to reach a temperature of 180°C ± 4°C then the representative period is taken as the time until the first reduction of the power input. (IEC 60335-2-6)		N/A
	The power input of induction hob elements and induction wok elements is measured for each induction generator unit separately and the tolerances for motor-operated appliances apply. (IEC 60335-2-6)		N/A
10.2	Current at normal operating temperature, rated voltage and normal operation not deviating from rated current by more than shown in table 2 .....:	(see appended table)	N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	If the current varies throughout the operating cycle and the maximum value of the current exceeds, by a factor greater than two, the arithmetic mean value of the current occurring during a representative period, the current is the maximum value that is exceeded for more than 10 % of the representative period		N/A
	Otherwise the current is the arithmetic mean value		N/A
	Test carried out at upper and lower limits of the ranges for appliances with one or more rated voltage ranges, unless		N/A
	the rated current is related to the arithmetic mean value of the range		N/A
	Socket-outlets are not loaded during the test, however the current is considered to be 1 Kw divided by the rated voltage (IEC 60335-2-6)		N/A
	For ovens and steam ovens, the heat up time to obtain the centre cavity temperature specified for normal operation is a representative period. (IEC 60335-2-6)		N/A
	For griddles, the heat up time to obtain the surface temperature specified for normal operation is a representative period. (IEC 60335-2-6)		N/A
	For grills and warming drawers the heat up time for normal operation is a representative period.		N/A
	For hobs, the heat up time until the water boils with the controls adjusted to their highest setting is a representative period. (IEC 60335-2-6)		N/A
	For induction hob elements and induction wok elements, the heat up time for the oil to reach a temperature of 180°C ± 4°C with the controls adjusted to their highest setting is a representative period. If the current is reduced during the heat up time for the oil to reach a temperature of 180°C ± 4°C then the representative period is taken as the time until the first reduction of the current. (IEC 60335-2-6)		N/A
	The current of induction hob elements and induction wok elements is measured each induction generator unit separately and the tolerances for motor-operated appliances apply. (IEC 60335-2-6)		N/A
11	**HEATING**		
11.1	No excessive temperatures in normal use		P
	For cooking ranges and ovens, compliance is also checked by the test of 11.101 (IEC 60335-2-6)		P
11.2	The appliance is held, placed or fixed in position as described .....:		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	- appliances intended to stand on the floor ..... (IEC 60335-2-6)	Oven plased on the floor	P
	- Appliances having a lid to cover the hob surface are tested with the lid open (IEC 60335-2-6)		P
	- Temperature-sensing probes are placed in the oven in any position likely to occur during normal use. They are not connected to control the oven temperature. (IEC 60335-2-6)		N/A
	- The test for pyrolytic self-cleaning ovens is carried out with temperature-sensing probes in position, unless otherwise specified in the instructions. (IEC 60335-2-6)		N/A
	Detachable parts that are intended to be used to reduce the temperature of control panels are removed. (IEC 60335-2-6)		N/A
11.3	Temperature rises, other than of windings, determined by thermocouples		P
	Temperature rises of windings determined by resistance method, unless		P
	the windings are non-uniform or it is difficult to make the necessary connections		N/A
11.4	Heating appliances operated under normal operation at 1.15 times rated power input (W) .....:	9200X1,15 (240 / 230)^2 = 11520W; 255 V 8800X1,15 (240 / 230)^2 = 1120W ; 254 V 8200X1,15 (240 / 230)^2 = 1120W; 254 V	P
	Induction hob elements and induction wok elements supplied separately and operated as for motor operated appliances (IEC 60335-2-6)		N/A
	Cooking ranges operated under normal operation at 1.15 times rated power input :(IEC 60335-2-6)		P
	Ovens are operated at 1,15 times rated power input under normal operation. The supply voltage is measured during the heat up period. This voltage is used to supply the heating units of ovens during the tests. (IEC 60335-2-6)		P
11.5	Motor-operated appliances operated under normal operation at most unfavourable voltage between 0.94 and 1.06 times rated voltage (V) .....:		N/A
11.6	Combined appliances are operated as specified for heating appliances. .....(IEC 60335-2-6):		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	If the temperature rise limits are exceeded in appliances incorporating motors, transformers or electronic circuits, and the power input is lower than the rated power input, the test is repeated with the appliance supplied at 1,06 times rated voltage (IEC 60335-2-6)		N/A
11.7	Appliance operated for the duration specified in 11.7.101 to 11.7.106 (IEC 60335-2-6)		
11.7.101	Induction hob elements and induction wok elements, other hob elements :		N/A
11.7.102	Ovens are operated for 60 min starting from the cold condition		P
	Ovens provided with a rotating spit are also operated with the spit rotating for 60 min		P
	Lamps in ovens are not manually switched on		P
11.7.103	Grills		P
11.7.104	Griddles		N/A
11.7.105	Warming drawers and similar compartments :		N/A
11.7.106	Cooking ranges :	-Hob and oven and, with the spit rotating, until steady stade - Operation of the hob for 60 min, the grill being operated simultaneously for the last 30 minutes;	P
11.7.107	Appliance incorporates a socket–outlet with an appropriate plug complying with IEC60083		N/A
11.8	Temperature rises monitored continuously and not exceeding the values in table 3 .....:	(see appended table)	P
	Temperatures rises of the floor and floor of the test corner, wooden cabinets and rectangular box not exceeding specified values (IEC 60335-2-6)		P
	During the additional test for pyrolytic self-cleaning ovens, the temperature rise of the surface of knobs, handles and levers shall not exceed specified values (IEC 60335-2-6)		N/A
	If the temperature rise of a motor winding exceeds the value of table 3, or		N/A
	if there is doubt with regard to classification of insulation,		N/A
	tests of Annex C are carried out		N/A
	Sealing compound does not flow out		P
	Protective devices do not operate, except		P
	components in protective electronic circuits tested for the number of cycles specified in 24.1.4		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
11.101	Cooking ranges and ovens placed as described (IEC 60335-2-6)		P
	Appliance operated under normal operation at rated voltage		P
	The appliance operated in specified conditions (IEC 60335-2-6)		P
	Pressure steam ovens and atmospheric steam ovens are operated 30 min.		N/A
	Other appliance operated 60 min or		N/A
	until steady conditions are established		P
	Temperature rise of surfaces shall not exceed the values specified in Table 102, Table 103 or Table 104 as appropriate (IEC 60335-2-6)		P
	If the oven can be used for grilling and the instructions state that for grilling the door should be closed, the test is repeated but with the oven operating in the grilling mode with the controls set according to the instructions (IEC 60335-2-6)		P
	The grill is operated for 30 min in accordance with 11.7.103.		P
	However if the oven has a rotating spit, the duration of the test is 60 min.		P
13	**LEAKAGE CURRENT AND ELECTRIC STRENGTH AT OPERATING TEMPERATURE**		
13.1	Leakage current not excessive and electric strength adequate		P
	Heating appliances operated at 1.15 times the rated power input (W).....:	See the appended table	P
	Motor-operated appliances and combined appliances supplied at 1.06 times the rated voltage (V).....:		N/A
	Protective impedance and radio interference filters disconnected before carrying out the tests		N/A
	If a grill is incorporated in the oven, either the oven or the grill is operated, whichever is more unfavourable. (IEC 60335-2-6)		P
	For hobs, the tests are carried out with a vessel filled as specified in 3.1.9.101 placed on each cooking zone (IEC 60335-2-6)		P
	Induction hob elements and induction wok elements are tested as specified for motor-operated appliances (IEC 60335-2-6)		N/A
13.2	For class 0, class II and class III appliances, and class II constructions, leakage current measured by means of the circuit described in figure 4 of IEC 60990		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	For class 0I and class I appliances, a low impedance ammeter may be used		P
	Leakage current measurements .....:	(see appended table)	P
	For stationary class I appliances (IEC 60335-2-6)		P
13.3	The appliance is disconnected from the supply		P
	Electric strength tests according to table 4.....:	(see appended table)	P
	No breakdown during the tests		P
14	**TRANSIENT OVERVOLTAGES**		
	Appliances withstand the transient over-voltages to which they may be subjected		N/A
	Clearances having a value less than specified in table 16 subjected to an impulse voltage test, the test voltage specified in table 6.....:	(see appended table)	N/A
	No flashover during the test, unless		N/A
	of functional insulation if the appliance complies with clause 19 with the clearance short-circuited		N/A
15	**MOISTURE RESISTANCE**		
15.1	Enclosure provides the degree of moisture protection according to classification of the appliance		P
	Compliance checked as specified in 15.1.1, taking into account 15.1.2, followed by the electric strength test of 16.3		N/A
	No trace of water on insulation which can result in a reduction of clearances or creepage distances below values specified in clause 29		N/A
15.1.1	Appliances, other than IPX0, subjected to tests as specified in IEC 60529.....:		N/A
	Water valves containing live parts in external hoses for connection of an appliance to the water mains tested as specified for IPX7 appliances		N/A
15.1.2	Hand-held appliance turned continuously through the most unfavourable positions during the test		N/A
	Built-in appliances installed according to the instructions		N/A
	Appliances placed or used on the floor or table placed on a horizontal unperforated support		N/A
	Appliances normally fixed to a wall and appliances with pins for insertion into socket-outlets are mounted on a wooden board		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	For IPX3 appliances, the base of wall mounted appliances is placed at the same level as the pivot axis of the oscillating tube		N/A
	For IPX4 appliances, the horizontal centre line of the appliance is aligned with the pivot axis of the oscillating tube, and		N/A
	for appliances normally used on the floor or table, the movement is limited to two times 90° for a period of 5 min, the support being placed at the level of the pivot axis of the oscillating tube		N/A
	Wall-mounted appliances, take into account the distance to the floor stated in the instructions		N/A
	Appliances normally fixed to a ceiling are mounted underneath a horizontal unperforated support, the pivot axis of the oscillating tube located at the level of the underside of the support, and		N/A
	for IPX4 appliances, the movement of the tube is limited to two times 90° from the vertical for a period of 5 min		N/A
	Appliances with type X attachment fitted with a flexible cord as described		N/A
	Detachable parts subjected to the relevant treatment with the main part		N/A
	However, if a part has to be removed for user maintenance and a tool is needed, this part is not removed		N/A
15.2	Spillage of liquid does not affect the electrical insulation		P
	Spillage solution comprising water containing approximately 1 % NaCl and 0,6 % rinsing agent		P
	Appliances with type X attachment fitted with a flexible cord as described		N/A
	Appliances incorporating an appliance inlet tested with or without an connector, whichever is most unfavourable		N/A
	Detachable parts are removed		N/A
	Overfilling test with additional amount of the solution, over a period of 1 min (l).....:	0,5 l /1 min	P
	Cooking ranges and hobs subjected to the overfilling test into the vessel with additional saline solution, over a period of 15 s (l)..... : ..... (IEC 60335-2-6)	15 s	P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	For hob elements incorporating a switch or a thermal control: overfilling test with saline solution(l): ..... (IEC 60335-2-6):	0,5 liter	P
	If controls are mounted below the hob surface: overfilling test with saline solution, over a period of 15 s (l): : (IEC 60335-2-6)		P
	For hob having ventilating openings in the hob surface: overfilling test with saline solution (l)..... : (IEC 60335-2-6)	0,25 liter	P
	For ovens and grills: overfilling test with saline solution (l): (IEC 60335-2-6)		P
	For appliances having a drip tray or similar receptacle: overfilling test with saline solution (l).. : (IEC 60335-2-6)		N/A
	For hobs having a lid: overfilling test with saline solution (l): ..... (IEC 60335-2-6)		P
	Hobs with controls mounted below the hob surface and built-in ovens that are intended for use installed under work surfaces shall be subjected to a spillage test with 0,5 l of the spillage solution (IEC 60335-2-6)		N/A
	Steam generators intended to be connected to the water mains supplied at rated water pressure (IEC 60335-2-6)		N/A
	Water allowed to flow for 1 min after the first evidence of overflow, unless (IEC 60335-2-6)		N/A
	the inflow stops automatically (IEC 60335-2-6)		N/A
	The appliance withstands the electric strength test of 16.3		P
	No trace of water on insulation that can result in a reduction of clearances or creepage distances below values specified in clause 29		P
15.3	Appliances proof against humid conditions		P
	Checked by test Cab: Damp heat steady state in IEC 60068-2-78		P
	Detachable parts removed and subjected, if necessary, to the humidity test with the main part		N/A
	Humidity test for 48 h in a humidity cabinet		P
	Reassembly of those parts that may have been removed		N/A
	The appliance withstands the tests of clause 16		P
15.101	Temperature-sensing probes shall be constructed so that their insulation is not affected by water (IEC 60335-2-6)		N/A
	After the test, the probe withstand the leakage current test of 16.2 (IEC 60335-2-6:)		N/A
16	**LEAKAGE CURRENT AND ELECTRIC STRENGTH**		

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
16.1	Leakage current not excessive and electric strength adequate		P
	Protective impedance disconnected from live parts before carrying out the tests		N/A
	Tests carried out at room temperature and not connected to the supply		P
	For hobs, the tests are carried out with a vessel filled as specified in 3.1.9.101 placed on each cooking zone (IEC 60335-2-6)		P
	Induction hob elements and induction wok elements are tested as specified for motor-operated appliances (IEC 60335-2-6)		N/A
16.2	Single-phase appliances: test voltage 1.06 times rated voltage (V).....:	240X1,06=254,4 V	P
	Three-phase appliances: test voltage 1.06 times rated voltage divided by √3 (V) .....:		P
	Leakage current measurements .....:	(see appended table)	P
	For stationary class I appliances (IEC 60335-2-6)		P
	Limit values doubled if:		
	- all controls have an off position in all poles, or		N/A
	- the appliance has no control other than a thermal cut-out, or		N/A
	- all thermostats, temperature limiters and energy regulators do not have an off position, or		N/A
	- the appliance has radio interference filters		N/A
	With the radio interference filters disconnected, the leakage current do not exceed limits specified.....:	(see appended table)	N/A
16.3	Electric strength tests according to table 7.....:	(see appended table)	P
	Test voltage applied between the supply cord and inlet bushing and cord guard and cord anchorage as specified.....:	(see appended table)	P
	No breakdown during the tests		P
17	**OVERLOAD PROTECTION OF TRANSFORMERS AND ASSOCIATED CIRCUITS**		
	No excessive temperatures in transformer or associated circuits in event of short-circuits likely to occur in normal use.....:	(see appended table)	N/A
	Appliance supplied with 1.06 or 0.94 times rated voltage under the most unfavourable short-circuit or overload likely to occur in normal use (V).....:		N/A
	Basic insulation is not short-circuited		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Temperature rise of insulation of the conductors of safety extra-low voltage circuits not exceeding the relevant value specified in table 3 by more than 15 K		N/A
	Temperature of the winding not exceeding the value specified in table 8		N/A
	However, limits do not apply to fail-safe transformers complying with sub-clause 15.5 of IEC 61558-1		N/A
18	**ENDURANCE**		
	Requirements and tests are specified in part 2 when necessary		N/A
19	**ABNORMAL OPERATION**		
19.1	The risk of fire, mechanical damage or electric shock under abnormal or careless operation obviated		P
	Electronic circuits so designed and applied that a fault will not render the appliance unsafe .....:	(see appended table)	P
	Appliances incorporating heating elements subjected to the tests of 19.2 and 19.3, and		P
	if the appliance also has a control that limit the temperature during clause 11 it is subjected to the test of 19.4, and		P
	if applicable, to the test of 19.5		N/A
	Appliances incorporating PTC heating elements are also subjected to the test of 19.6		N/A
	Appliances incorporating motors subjected to the tests of 19.7 to 19.10, as applicable		P
	Appliances incorporating electronic circuits subjected to the tests of 19.11 and 19.12, as applicable		P
	Appliances incorporating contactors or relays subjected to the test of 19.14, being carried out before the tests of 19.11		P
	Appliances incorporating voltage selector switches subjected to the test of 19.15		N/A
	Unless otherwise specified, the tests are continued until a non-self-resetting thermal cut-out operates, or		N/A
	until steady conditions are established		P

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Clause	Requirement + Test	Result - Remark	Verdict
	If a heating element or intentionally weak part becomes open-circuited, the relevant test is repeated on a second sample		N/A
	For induction hobs compliance is also checked by the test 19.101, 19.102 and 19.103 (19.2, 19.3and 19.4 not applicable) (IEC 60335-2-6)		N/A
	19.101 is not applicable to induction wok elements (IEC 60335-2-6)		N/A
	Temperature-sensing probes placed in the oven in any position likely to occur during normal use except that they are not connected to control the oven temperature (IEC 60335-2-6)		N/A
19.2	Test of appliances with heating elements with restricted heat dissipation; test voltage (V), power input of 0.85 times rated power input (W).....:	See the appended tables	P
	Hob elements are operated without a vessel, pan detectors being rendered inoperative. Oven doors are open or closed, whichever is more unfavourable. Hob lids are closed unless the hob elements are interlocked with the lid or an indicator lamp shows that a hob element is switched on. (IEC 60335-2-6)	Oven door closed for oven	P
	For appliances incorporating more than one heating unit, the test is only carried with the heating unit resulting in the most unfavourable conditions, its control adjusted to the highest setting. For appliance incorporate an oven without an indicator lamp to show that the oven is switched on, the oven is operated, its control adjusted to the highest setting. (IEC 60335-2-6)		P
	Pyrolytic self-cleaning ovens are also operated under cleaning conditions, motors which operate during cleaning being switched off or disconnect in turn. (IEC 60335-2-6)		N/A
	Induction hob elements and induction wok elements are operated under the conditions of clause 11 but with empty vessels, the controls being adjusted to the highest setting. (IEC 60335-2-6)		N/A
	Steam ovens are operated without water (IEC 60335-2-6)		N/A
	Doors of separate grill compartments incorporate a cooking range are open or closed, which is the most unfavourable. ..... (IEC 60335-2-6)		N/A
19.3	Test of 19.2 repeated; test voltage (V), power input of 1.24 times rated power input (W) .....:	See appended table	P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
19.4	Test conditions as in clause 11, any control limiting the temperature during tests of clause 11 short-circuited		P
	Pressure regulators of pressure steam ovens are rendered inoperative together with each protective device in turn. (IEC 60335-2-6)		N/A
19.5	Test of 19.4 repeated on Class 0I and I appliances with tubular sheathed or embedded heating elements. No short-circuiting, but one end of the element connected to the sheath		N/A
	The test repeated with reversed polarity and the other end of the heating element connected to the sheath		N/A
	The test is not carried out on appliances intended to be permanently connected to fixed wiring and on appliances where an all-pole disconnection occurs during the test of 19.4		P
19.6	Appliances with PTC heating elements tested at rated voltage, establishing steady conditions		N/A
	The working voltage of the PTC heating element is increased by 5% and the appliance is operated until steady conditions are re-established. The voltage is then increased in similar steps until 1.5 times working voltage or until the PTC heating element ruptures (V).....:		N/A
19.7	Stalling test by locking the rotor if the locked rotor torque is smaller than the full load torque, or		P
	locking moving parts of other appliances		N/A
	Locked rotor, capacitors open-circuited one at a time		N/A
	Test repeated with capacitors short-circuited one at a time, unless		N/A
	the capacitor is of class S2 or S3 of IEC 60252-1		N/A
	Appliances with timer or programmer supplied with rated voltage for each of the tests, for a period equal to the maximum period allowed.....:		N/A
	An electronic timer or programmer that operates to ensure compliance with the test before the maximum period under the conditions of Clause 11 is reached, is a protective electronic circuit		N/A
	Other appliances supplied with rated voltage for a period as specified .....:	240 V	P
	Winding temperatures not exceeding values specified in table 8.....:	(see appended table)	P

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Clause	Requirement + Test	Result - Remark	Verdict
19.8	Multi-phase motors operated at rated voltage with one phase disconnected		N/A
19.9	Running overload test on appliances incorporating motors intended to be remotely or automatically controlled or liable to be operated continuously		N/A
	Motor-operated and combined appliances for which 30.2.3 is applicable and that use overload protective devices relying on electronic circuits to protect the motor windings, are also subjected to the test		N/A
	Winding temperatures not exceeding values as specified.....:	(see appended table)	N/A
19.10	Series motor operated at 1.3 times rated voltage for 1 min (V) .....:		N/A
	During the test, parts not being ejected from the appliance		N/A
19.11	Electronic circuits, compliance checked by evaluation of the fault conditions specified in 19.11.2 for all circuits or parts of circuits, unless		P
	they comply with the conditions specified in 19.11.1		N/A
	Appliances incorporating an electronic circuit that relies upon a programmable component to function correctly, subjected to the test of 19.11.4.8, unless		N/A
	restarting does not result in a hazard		N/A
	Appliances having a device with an off position obtained by electronic disconnection, or a device placing the appliance in a stand-by mode, subjected to the tests of 19.11.4		N/A
	If the safety of the appliance under any of the fault conditions depends on the operation of a miniature fuse-link complying with IEC 60127, the test of 19.12 is carried out		N/A
	During and after each test the following is checked:		
	- the temperature of the windings do not exceed the values specified in table 8		P
	- the appliance complies with the conditions specified in 19.13		P
	- any current flowing through protective impedance not exceeding the limits specified in 8.1.4		N/A
	If a conductor of a printed board becomes open-circuited, the appliance is considered to have withstood the particular test, provided both of the following conditions are met:		
	- the base material of the printed circuit board withstands the test of Annex E	PCB is V0	N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	- any loosened conductor does not reduce clearance or creepage distances between live parts and accessible metal parts below the values specified in clause 29		N/A
19.11.1	Fault conditions a) to g) in 19.11.2 are not applied to circuits or parts of circuits meeting both of the following conditions:		
	- the electronic circuit is a low-power circuit, that is, the maximum power at low-power points does not exceed 15 W according to the tests specified		N/A
	- the protection against electric shock, fire hazard, mechanical hazard or dangerous malfunction of other parts of the appliance does not rely on the correct functioning of the electronic circuit		N/A
19.11.2	Fault conditions applied one at a time, the appliance operating under conditions specified in clause 11, but supplied at rated voltage, duration of the tests as specified:		
	a) short circuit of functional insulation if clearances or creepage distances are less than the values specified in clause 29		N/A
	b) open circuit at the terminals of any component	See the appended tables	P
	c) short circuit of capacitors, unless	See the appended tables	P
	they comply with IEC 60384-14		N/A
	d) short circuit of any two terminals of an electronic component, other than integrated circuits	See the appended tables	P
	This fault condition is not applied between the two circuits of an optocoupler		N/A
	e) failure of triacs in the diode mode		N/A
	f) failure of microprocessors and integrated circuits		N/A
	g) failure of an electronic power switching device		N/A
	Each low power circuit is short-circuited by connecting the low-power point to the pole of the supply source from which the measurements were made		N/A
19.11.3	If the appliance incorporates a protective electronic circuit that operates to ensure compliance with clause 19, the appliance is tested as specified		N/A
19.11.4	Appliances having a device with an off position obtained by electronic disconnection, or		N/A
	a device that can be placed in the stand-by mode,		N/A
	subjected to the tests of 19.11.4.1 to 19.11.4.7, the device being set in the off position or in the stand-by mode		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Appliances incorporating a protective electronic circuit subjected to the tests of 19.11.4.1 to 19.11.4.7, the tests being carried out after the protective electronic circuit has operated, except that		N/A
	appliances operated for 30 s or 5 min during the test of 19.7 are not subjected to the tests for electromagnetic phenomena.		N/A
	Surge protective devices disconnected, unless		N/A
	They incorporate spark gaps		N/A
	During the test of the stand-by-mode, a suitable vessel is placed o, the cooking zone if a pan detector is incorporate. (IEC 60335-2-6)		N/A
19.11.4.1	The appliance is subjected to electrostatic discharges in accordance with IEC 61000-4-2, test level 4		N/A
19.11.4.2	The appliance is subjected to radiated fields in accordance with IEC 61000-4-3, test level 3		N/A
19.11.4.3	The appliance is subjected to fast transient bursts in accordance with IEC 61000-4-4, test level 3 or 4 as specified		N/A
19.11.4.4	The power supply terminals of the appliance subjected to voltage surges in accordance with IEC 61000-4-5, test level 3 or 4 as specified		N/A
	An open circuit test voltage of 2 kV is applicable for the line-to-line coupling mode		N/A
	An open circuit test voltage of 4 kV is applicable for the line-to-earth coupling		N/A
	Earthed heating elements in class I appliances disconnected		N/A
19.11.4.5	The appliance is subjected to injected currents in accordance with IEC 61000-4-6, test level 3		N/A
19.11.4.6	Appliances having a rated current not exceeding 16 A are subjected to the Class 3 voltage dips and interruptions in accordance with IEC 61000-4-11		N/A
	Appliances having a rated current exceeding 16 A are subjected to the Class 3 voltage dips and interruptions in accordance with IEC 61000-4-34		N/A
19.11.4.7	The appliance is subjected to mains signals in accordance with IEC 61000-4-13, test level class 2		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
19.11.4.8	The appliance is supplied at rated voltage and operated under normal operation. After 60s the power supply is reduced to a level such that the appliance ceases to respond or parts controlled by the programmable component cease to operate		N/A
	The appliance continues to operate normally, or		N/A
	requires a manual operation to restart		N/A
19.12	If the safety of the appliance for any of the fault conditions specified in 19.11.2 depends on the operation of a miniature fuse-link complying with IEC 60127, the test is repeated, measuring the current flowing through the fuse-link; measured current (A); rated current of the fuse-link (A) .....:		N/A
19.13	During the tests the appliance does not emit flames, molten metal, poisonous or ignitable gas in hazardous amounts		P
	Temperature rises not exceeding the values shown in table 9 .....:	(see appended table)	P
	Compliance with clause 8 not impaired		P
	If the appliance can still be operated it complies with 20.2		P
	Insulation, other than of class III appliances or class III constructions that do not contain live parts, withstands the electric strength test of 16.3, the test voltage as specified in table 4:		
	- basic insulation (V).....:	1000	P
	- supplementary insulation (V) .....:	1750	P
	- reinforced insulation (V).....:	3000	P
	After operation or interruption of a control, clearances and creepage distances across the functional insulation withstand the electric strength test of 16.3, the test voltage being twice the working voltage		P
	The appliance does not undergo a dangerous malfunction, and		P
	no failure of protective electronic circuits, if the appliance is still operable		N/A
	Appliances tested with an electronic switch in the off position, or in the stand-by mode:		
	- do not become operational, or		N/A
	- if they become operational, do not result in a dangerous malfunction during or after the tests of 19.11.4		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	If the appliance contains lids or doors that are controlled by one or more interlocks, one of the interlocks may be released provided that:		
	- the lid or door does not move automatically to an open position when the interlock is released, and		N/A
	- the appliance does not start after the cycle in which the interlock was released		N/A
	Ovens: temperature in the centre of the oven not exceed 425°C before opening (IEC 60335-2-6)		P
	The temperature rise of the oil during the tests of 19.102 shall not exceed 270 K. (IEC 60335-2-6)		N/A
	Temperature rise of the windings of induction hob elements and induction wok elements not exceed the values specified in 19.7 (IEC 60335-2-6)		N/A
	Electric strength test of induction hob elements and induction wok elements is carried out immediately after switching of the appliance (IEC 60335-2-6)		N/A
	Glass in oven doors shall not be damaged .....(IEC 60335-2-6)		P
19.14	Appliances operated under the conditions of clause 11, any contactor or relay contact operating under the conditions of clause 11 being short-circuited		P
	For a relay or contactor with more than one contact, all contacts are short-circuited at the same time		N/A
	A relay or contactor operating only to ensure the appliance is energized for normal use is not short-circuited		N/A
	If more than one relay or contactor operates in clause 11, they are short-circuited in turn		P
19.15	For appliances with a mains voltage selector switch, the switch is set to the lowest rated voltage position and the highest value of rated voltage is applied		N/A
19.101	Induction hob elements: test conditions according to the standard; diameter of the disc (cm) (IEC 60335-2-6)		N/A
19.102	Induction hob element and induction wok elements operated under normal operation at rated voltage but with thermal controls short-circuited. (IEC 60335-2-6)		N/A
	Temperature rise of the oil not exceed 270 K :		N/A
19.103	Induction hob elements and induction wok elements are operated under the conditions of Clause 11 with empty vessels, the controls being adjusted to the highest setting (IEC 60335-2-6		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	If an induction hob element or an induction wok element has a metallic lid, it is then tested by being operated under the conditions of Clause 11 without vessels, the controls being adjusted to the highest setting. A force of 30 N is applied to the closed lid in the most unfavourable place by means of test probe B of IEC 61032.		N/A
20	**STABILITY AND MECHANICAL HAZARDS**		
20.1	Appliances having adequate stability		P
	Tilting test through an angle of 10°, appliance placed on an inclined plane/horizontal support, not connected to the supply mains; appliance does not overturn		P
	Tilting test repeated on appliances with heating elements, angle of inclination increased to 15°		P
	Possible heating test in overturned position; temperature rise does not exceed values shown in table 9		N/A
20.2	Moving parts adequately arranged or enclosed as to provide protection against personal injury		P
	Protective enclosures, guards and similar parts are non-detachable, and		P
	have adequate mechanical strength		P
	Enclosures that can be opened by overriding an interlock are considered to be detachable parts		N/A
	Self-resetting thermal cut-outs and overcurrent protective devices not causing a hazard by unexpected closure		P
	Not possible to touch dangerous moving parts with the test probe described		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
20.101	Cooking range and ovens shall have adequate stability when the open the door is subjected to a load (IEC 60335-2-6)		
	Appliance subjected to a load test and by the test of 20.102 if relevant : mass (kg) :	22,4 kg	P
	For an appliance having more than one door, the test is carried out on each door separately.		N/A
	Cooking ranges are tested without fitting any stabilizing means that are specified in the instructions of installation.		P
	Cooking range incorporating a storage compartment adjacent to the oven and which the shelves are pulled out simultaneously: Shelve subjected to a load test : mass (g)		P
	The appliance shall not tilt Damage and deformation of doors are ignored		P
20.102	For cooking ranges normally placed on the floor and with horizontally hinged oven doors with a hinge height of less than 430mm from the floor, the test of 20.101 is repeated except that: (IEC 60335-2-6)		
	-The cooking range is fitted with the stabilizing means, if any, specified in the instructions for installation		P
	-The mass of the load on the oven doors is increased to 50kg, or the mass of 22,5kg is placed at the centre of the outer edge of the oven door, whichever gives the most unfavourable results		P
	The appliance shall not tilt Damage and deformation of doors are ignored		P
21	**MECHANICAL STRENGTH**		
21.1	Appliance has adequate mechanical strength and is constructed as to withstand rough handling		P
	Checked by applying 3 blows to every point of the enclosure like to be weak, in accordance with test Ehb of IEC 60068-2-75, spring hammer test, with an impact energy of 0,5 J	(see appended table)	P
	The appliance shows no damage impairing compliance with this standard, and		P
	compliance with 8.1, 15.1 and clause 29 not impaired		P
	If doubt, supplementary or reinforced insulation subjected to the electric strength test of 16.3		N/A
	If necessary, repetition of groups of three blows on a new sample		P
	Additional blows applied to the centre of glass doors (IEC 60335-2-6)		P
	The glass shall not fracture (IEC 60335-2-6)		P
	Appliance incorporating visibly glowing heating elements enclosed in glass tubes, the blows are applied to the tubes as mounted in the appliance if they are : (IEC 60335-2-6)		

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	-located at the top of the oven and accessible to test probe 41 of IEC 61032		N/A
	-located elsewhere in the oven and accessible to test probe B of IEC 61032		N/A
	Hob surfaces of glass-ceramic or similar material: three blows applied on surfaces not exposed during test of 21.102; impact energy 0,7 ± 0,05 J (IEC 60335-2-6)		P
	If the hob surface comprises a single piece of material except for the outer frame, this test is not carried out. (IEC 60335-2-6)		N/A
	Temperature-sensing probe subjected to one cycle of test according to 15.101 and 16.2 (IEC 60335-2-6)		N/A
21.2	Accessible parts of solid insulation having strength to prevent penetration by sharp implements		P
	Test not applicable if the thickness of supplementary insulation is at least 1 mm and reinforced insulation at least 2 mm		P
	The insulation is tested as specified, and does withstand the electric strength test of 16.3		N/A
21.101	Oven shelves and their supports shall have adequate mechanical strength (IEC 60335-2-6)		P
	Total mass (kg) of the vessel, 220 times the volume of the useful oven space in m³, or 24kg, whichever is less:	24 kg	P
	After the test the shelf and supports shall show no distortion impairing their further and		P
	the shelf shall not fall from the supports		P
	The above tests are repeated with the mean temperature in the centre of the oven at 200°C ± 4°C before starting the test at each supporting position of the shelf.		P
	Ovens with shelves that can be withdrawn and with stops: force as specified in Table 105, vessel with side dimensions of Table 105		P
	The shelf shall not tilt downwards by more than 6°	4,5°	P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
21.102	Hob surfaces of glass-ceramic and similar materials shall withstand the stresses liable to occur in normal use (IEC 60335-2-6)		P
	After the test, the hob surface not crack and the appliance withstand the electric strength test of 16.3		P
21.103	Temperature-sensing probes shall be constructed so that they are not damaged when trapped in the oven door (IEC 60335-2-6)		N/A
	After the test, the probe then complies with 8.1, 15.101 and Cl. 29		N/A
21.104	Glass panels of horizontally hinged oven doors shall withstand the thermal shock liable to occur in normal use (IEC 60335-2-6)		P
	After the test, the glass shall not fracture		P
22	**CONSTRUCTION**		
22.1	Appliance marked with the first numeral of the IP system, relevant requirements of IEC 60529 are fulfilled	IP 20	P
22.2	Stationary appliance: means to ensure all-pole disconnection from the supply being provided:		
	- a supply cord fitted with a plug, or		N/A
	- a switch complying with 24.3, or		N/A
	- a statement in the instruction sheet that a disconnection incorporated in the fixed wiring is to be provided, or		P
	- an appliance inlet		N/A
	Singe-pole switches and single-pole protective devices for the disconnection of heating elements in single-phase, permanently connected class 01 and class I appliances, connected to the phase conductor		N/A
22.3	Appliance provided with pins: no undue strain on socket-outlets		N/A
	Applied torque not exceeding 0.25 Nm		N/A
	Pull force of 50N to each pin after the appliance has being placed in the heating cabinet; when cooled to room temperature the pins are not displaced by more than 1mm		N/A
	Each pin subjected to a torque of 0.4Nm; the pins are not rotating, unless		N/A
	rotating does not impair compliance with this standard		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
22.4	Appliance for heating liquids and appliance causing undue vibration not provided with pins for insertion into socket-outlets		N/A
22.5	No risk of electric shock when touching pins, for appliances having a capacitor with rated capacitance equal to or greater than 0,1μF, the appliance being disconnected from the supply at the instant of voltage peak		P
	Voltage not exceeding 34 V (V) .....:	0,5 V	P
	If compliance relies on the operation of an electronic circuit, the electromagnetic phenomena tests of 19.11.4.3 and 19.11.4.4 are applied		N/A
	The discharge test is then repeated three times, voltage not exceeding 34 V (V).....:		N/A
22.6	Electrical insulation not affected by condensing water or leaking liquid		P
	Electrical insulation of Class II appliances not affected if a hose ruptures or seal leaks		N/A
	In case of doubt, test as described		N/A
22.7	Adequate safeguards against the risk of excessive pressure in appliances containing liquid or gases or having steam-producing devices		N/A
	All pressure regulators and pressure-relief devices of pressure steam ovens are rendered inoperative and the door is closed. The pressure is gradually increased hydraulically to two times the rated cooking pressure. The container shall not rupture. (IEC 60335-2-6)		N/A
22.8	Electrical connections not subject to pulling during cleaning of compartments to which access can be gained without the aid of a tool, and that are likely to be cleaned in normal use		P
22.9	Insulation, internal wiring, windings, commutators and slip rings not exposed to oil, grease or similar substances, unless		P
	the substance has adequate insulating properties		N/A
22.10	Not possible to reset voltage-maintained non-self-resetting thermal cut-outs by the operation of an automatic switching device incorporated within the appliance, if:		N/A
	- a non-self-resetting thermal cut-out is required by the standard, and		N/A
	- a voltage maintained non-self-resetting thermal cut-out is used to meet it		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Non-self-resetting thermal motor protectors have a trip-free action, unless		N/A
	they are voltage maintained		N/A
	Reset buttons of non-self-resetting controls so located or protected that accidental resetting is unlikely		N/A
22.11	Reliable fixing of non-detachable parts that provide the necessary degree of protection against electric shock, moisture or contact with moving parts		P
	Obvious locked position of snap-in devices used for fixing such parts		N/A
	No deterioration of the fixing properties of snap-in devices used in parts that are likely to be removed during installation or servicing		N/A
	Tests as described		P
22.12	Handles, knobs etc. fixed in a reliable manner, if loosening result in a hazard		P
	Removing or fixing in wrong position of handles, knobs etc. indicating position of switches or similar components not possible, if resulting in a hazard		P
	A choking hazard does not apply to appliances for commercial use		N/A
	Axial force 15 N applied to parts, the shape being so that an axial pull is unlikely to be applied		N/A
	Axial force 30 N applied to parts, the shape being so that an axial pull is likely to be applied		P
	If the part is removed and can be contained within the small parts cylinder, it is considered to be a choking hazard		N/A
22.13	Unlikely that handles, when gripped as in normal use, make the operator’s hand touch parts having a temperature rise exceeding the value specified for handles which are held for short periods only		P
22.14	No ragged or sharp edges creating a hazard for the user in normal use, or during user maintenance		P
	No exposed pointed ends of self-tapping screws or other fasteners, likely to be touched by the user in normal use or during user maintenance		P
22.15	Storage hooks and the like for flexible cords smooth and well rounded		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
22.16	Automatic cord reels cause no undue abrasion or damage to the sheath of the flexible cord, no breakage of conductors strands and no undue wear of contacts		N/A
	Cord reel tested with 6000 operations, as specified		N/A
	Electric strength test of 16.3, voltage of 1000 V applied		N/A
22.17	Spacers not removable from the outside by hand or by means of a screwdriver or a spanner		N/A
22.18	Current-carrying parts and other metal parts resistant to corrosion		P
22.19	Driving belts not relied upon to provide the required level of insulation, unless		N/A
	constructed to prevent inappropriate replacement		N/A
22.20	Direct contact between live parts and thermal insulation effectively prevented, unless		P
	material used is non-corrosive, non-hygroscopic and non-combustible		N/A
22.21	Wood, cotton, silk, ordinary paper and fibrous or hygroscopic material not used as insulation, unless		P
	impregnated		N/A
	This requirement does not apply to magnesium oxide and mineral ceramic fibres used for the electrical insulation of heating elements		N/A
22.22	Appliances not containing asbestos		P
22.23	Oils containing polychlorinated biphenyl (PCB) not used		P
22.24	Bare heating elements, except in class III appliances or class III constructions that do not contain live parts, adequately supported		N/A
	In case of rupture, the heating conductor is unlikely to come in contact with accessible metal parts		N/A
22.25	Sagging heating conductors, except in class III appliances or class III constructions that do not contain live parts, cannot come into contact with accessible metal parts		N/A
22.26	For class III constructions the insulation between parts operating at safety extra-low voltage and other live parts complies with the requirements for double or reinforced insulation		N/A
22.27	Parts connected by protective impedance separated by double or reinforced insulation		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
22.28	Metal parts of Class II appliances conductively connected to gas pipes or in contact with water, separated from live parts by double or reinforced insulation		N/A
22.29	Class II appliances permanently connected to fixed wiring so constructed that the required degree of access to live parts is maintained after installation		N/A
22.30	Parts serving as supplementary or reinforced insulation fixed so that they cannot be removed without being seriously damaged, or		P
	so constructed that they cannot be replaced in an incorrect position, and so that if they are omitted, the appliance is rendered inoperable or manifestly incomplete		N/A
22.31	Neither clearances nor creepage distances over supplementary and reinforced insulation reduced below values specified in clause 29 as a result of wear		P
	Neither clearances nor creepage distances between live parts and accessible parts reduced below values for supplementary insulation if wires, screws etc. become loose		P
22.32	Supplementary and reinforced insulation constructed or protected against pollution so that clearances or creepage distances are not reduced below the values in clause 29		P
	Supplementary insulation of natural or synthetic rubber resistant to ageing, or arranged and dimensioned so that creepage distances are not reduced below values specified in 29.2		N/A
	Ceramic material not tightly sintered, similar materials or beads alone not used as supplementary or reinforced insulation		N/A
	Ceramic and similar porous material in which heating conductors are embedded is considered to be basic insulation, not reinforced insulation		N/A
	Oxygen bomb test at 70 °C for 96 h and 16 h at room temperature		N/A
22.33	Conductive liquids that are or may become accessible in normal use and conductive liquids that are in contact with unearthed accessible metal parts are not in direct contact with live parts, or		N/A
	unearthed metal parts separated from live parts by basic insulation only		N/A
	Electrodes not used for heating liquids		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	For class II constructions, conductive liquids that are or may become accessible in normal use and conductive liquids that are in contact with unearthed accessible metal parts, not in direct contact with basic or reinforced insulation, unless		N/A
	the reinforced insulation consists of at least 3 layers		N/A
	For class II constructions, conductive liquids which are in contact with live parts, not in direct contact with reinforced insulation, unless		N/A
	the reinforced insulation consists of at least 3 layers		N/A
	An air layer not used as basic or supplementary insulation in a double insulation system if likely to be bridged by leaking liquid		N/A
22.34	Shafts of operating knobs, handles, levers etc. not live, unless		P
	the shaft is not accessible when the part is removed		N/A
22.35	For other than class III constructions, handles, levers and knobs, held or actuated in normal use, not becoming live in the event of a failure of basic insulation		P
	Such parts being of metal, and their shafts or fixings are likely to become live in the event of a failure of basic insulation, are either adequately covered by insulation material or their accessible parts are separated from their shafts or fixings by supplementary insulation		N/A
	This requirement does not apply to handles, levers and knobs on stationary appliances and cordless appliances, other than those of electrical components, provided they are reliably connected to an earthing terminal or earthing contact, or separated from live parts by earthed metal		P
	Insulating material covering metal handles, levers and knobs withstand the electric strength test of 16.3 for supplementary insulation		N/A
22.36	For appliances other than class III, handles continuously held in the hand in normal use so constructed that when gripped as in normal use, the operators hand is not likely to touch metal parts, unless		N/A
	they are separated from live parts by double or reinforced insulation		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
22.37	Capacitors in Class II appliances not connected to accessible metal parts and their casings, if of metal, separated from accessible metal parts by supplementary insulation, unless		N/A
	the capacitors comply with 22.42		N/A
22.38	Capacitors not connected between the contacts of a thermal cut-out		P
22.39	Lamp holders used only for the connection of lamps		P
22.40	Motor-operated appliances and combined appliances intended to be moved while in operation, or having accessible moving parts, fitted with a switch to control the motor. The actuating member of the switch being easily visible and accessible		N/A
	If the appliance cannot operate continuously, automatically or remotely without giving rise to a hazard, appliances for remote operation being fitted with a switch for stopping the operation. The actuating member of the switch being easily visible and accessible		N/A
	Hobs shall not be controlled by a remote operation. (IEC 60335-2-6)		P
22.41	No components, other than lamps, containing mercury		P
22.42	Protective impedance consisting of at least two separate components		N/A
	Values specified in 8.1.4 not exceeded if any one of the components are short-circuited or open-circuited		N/A
	Resistors checked by the test of 14.1 a) in IEC 60065		N/A
	Capacitors checked by the tests for class Y capacitors in IEC 60384-14		N/A
22.43	Appliances adjustable for different voltages, accidental changing of the setting of the voltage unlikely to occur		N/A
22.44	Appliances not having an enclosure that is shaped or decorated like a toy		P
22.45	When air is used as reinforced insulation, clearances not reduced below the values specified in 29.1.3 due to deformation as a result of an external force applied to the enclosure		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
22.46	For programmable protective electronic circuits used to ensure compliance with the standard, the software contains measures to control the fault/error conditions in table R.1		N/A
	Software that contains measures to control the fault/error conditions specified in table R.2 is to be specified in parts 2 for particular constructions or to address specific hazards		N/A
	These requirements are not applicable to software used for functional purpose or compliance with clause 11		N/A
22.47	Appliances connected to the water mains withstand the water pressure expected in normal use		N/A
	No leakage from any part, including any inlet water hose		N/A
22.48	Appliances connected to the water mains constructed to prevent backsiphonage of non-potable water		N/A
22.49	For remote operation, the duration of operation is to be set before the appliance can be started, unless		N/A
	the appliance switches off automatically or can operate continuously without hazard		N/A
22.50	Controls incorporated in the appliance take priority over controls actuated by remote operation		N/A
22.51	There is a control on the appliance manually adjusted to the setting for remote operation before the appliance can be operated in this mode		N/A
	There is a visual indication showing that the appliance is adjusted for remote operation		N/A
	These requirements not necessary on appliances that can operate as follows, without giving rise to a hazard:		
	- continuously, or		N/A
	- automatically, or		N/A
	- remotely		N/A
	It is not necessary to manually adjust to the setting for remote operation in order to switch the appliance off. (IEC 60335-2-6)		N/A
22.52	Socket-outlets on appliances accessible to the user in accordance with the socket-outlet system used in the country in which the appliance is sold		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
22.53	Class II appliances and class III appliances that incorporate functionally earthed parts have at least double insulation or reinforced insulation between live parts and the functionally earthed parts		N/A
22.54	Button cells and batteries designated R1 not accessible without the aid of a tool, unless		N/A
	the cover of their compartment can only be opened after at least two independent movements have been applied simultaneously		N/A
22.55	Devices operated to stop the intended function of the appliance, if any, are be distinguished from other manual devices by means of shape, size, surface texture or position .....:	By means of position	P
	The requirement concerning position does not preclude use of a push on push off switch		N/A
	An indication when the device has been operated is given by:		
	– tactile feedback from the actuator or from the appliance, or		N/A
	– reduction in heat output; or		N/A
	– audible and visible feedback		P
22.56	Detachable power supply part provided with the part of class III construction		N/A
22.57	The properties of non-metallic materials do not degrade from exposure to UV-C radiation, as specified in Annex T		N/A
	This requirement does not apply to glass, ceramics or similar materials		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
22.101	Hob element prevented from rotating about vertical axis and (IEC 60335-2-6)		P
	adequately supported in all positions of adjustment of their supports (IEC 60335-2-6)		P
	hob element clamped by a nut on a central stud: an additional means is required to prevent its rotation.		P
	Hobs constructed so that damage to is unlikely occur while the hob elements are being removed or replaced, for hobs with detachable hob elements (IEC 60335-2-6:)		N/A
22.102	Remote operation and timers intended to delay the operation of a heating element shall not control a grill, unless (IEC 60335-2-6)		N/A
	the grill is thermally controlled and incorporated in an oven or compartment and it is only possible to operate the grill with the door of the oven or compartment being closed (IEC 60335-2-6)		P
	Delayed start timers shall not control a hob element		P
22.103	Ovens vents shall be constructed so that any moisture or grease discharged through them cannot affect clearances and creepage distances between live parts and other parts of the appliance (IEC 60335-2-6)		P
22.104	Steam ovens shall be constructed so that steam vents and ducts are unlikely to become blocked during normal use (IEC 60335-2-6)		
	Pressure relief devices that operate during the tests of 19.4 and 22.7 shall have an inlet aperture at least 5 mm in diameter or 20 mm² in area with a width of at least 3 mm		N/A
	The area of the aperture at the outlet shall not be less than that of the aperture at the inlet.		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
22.105	Built-in ovens shall only be vented through the front, unless (IEC 60335-2-6)		N/A
	provision is made for venting through a duct (IEC 60335-2-6)		N/A
22.106	Grills shall be constructed so that grill can be easily positioned without jamming (IEC 60335-2-6)		N/A
	The grills pans shall not fall from the support when moved sideways (IEC 60335-2-6)		N/A
22.107	Pyrolytic self-cleaning ovens shall switch off automatically at the end of the process and require a manual operation to start another cleaning cycle (IEC 60335-2-6)		N/A
22.108	Pyrolytic self-cleaning ovens shall be constructed so that opening and closing of the door does not impair the interlock system or damage the door seal; test as specified (IEC 60335-2-6)		N/A
	After the test, the interlock system shall be fit for further use and the door seal shall not be damage (IEC 60335-2-6)		N/A
22.109	Pyrolytic self-cleaning ovens shall incorporate an interlock so that access to the oven cannot be gained when the temperature in the centre of the oven exceeds 350 °C. even if the interlock is defective; test as specified (IEC 60335-2-6)		N/A
22.110	Pyrolytic self-cleaning ovens shall be constructed so that ignitable gases cannot be discharged through vents during the cleaning process; test as specified (IEC 60335-2-6)		N/A
22.111	Pyrolytic self-cleaning ovens: no risk of emission of flames; test as specified (IEC 60335-2-6)		N/A
22.112	Hobs shall be constructed so that hinged lids cannot close accidentally (IEC 60335-2-6)		P
22.113	Hobs shall be constructed so that inadvertent operation of touch controls due to spillage of liquid or damp cloth is unlikely; test as specified (IEC 60335-2-6)		N/A
22.114	Hobs having touch controls shall require at least two manual operations to switch on a hob element but only one to switch off (IEC 60335-2-6)		N/A
	Additional hob elements may be switched on by single manual operation (IEC 60335-2-6)		N/A
	Hobs having touch controls shall incorporate visual means to indicate when each hob is energized (IEC 60335-2-6)		N/A
22.115	Induction hob elements and induction wok elements, and other hob elements incorporating a pan detector shall be constructed so that the hob element operated can only be operated when a vessel is placed on the cooking zone (IEC 60335-2-6)		N/A
	Appliance operated at rated voltage : (IEC 60335-2-6)		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Temperature rise not exceed 35 K, for induction hob elements and induction wok elements : (IEC 60335-2-6)		N/A
	Other hobs elements shall not operate (IEC 60335-2-6)		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
22.116	Hob elements incorporating a pan detector shall be constructed so that the hob element is not switched on by the vessel if it has been removed for more than 10 min (IEC 60335-2-6)		N/A
22.117	Appliances incorporating a pan detector a signal lamp shall indicate when the control for the hob elements is not switched to the off position (IEC 60335-2-6)		N/A
22.118	If a plug of a supply cord is engaged in a socket-outlet located directly above the door, it shall not be possible to operate a grill (IEC 60335-2-6)		N/A
22.119	Cooking ranges incorporating a retractable deflector to prevent excessive temperatures on control knobs shall be constructed so that the user is unlikely to touch hot surfaces of the deflector when operating the controls (IEC 60335-2-6)		N/A
22.120	Outer glass panels of oven doors shall be made from glass that breaks into small pieces when it fractures (IEC 60335-2-6)		P
	or glass that is not released or dropped from its normal position when broken. (IEC 60335-2-6)		N/A
22.121	Glass panels of oven doors that are intended to be removed by the user for cleaning shall be constructed so that they cannot be fixed in an incorrect orientation (IEC 60335-2-6)		P
22.122	Ovens with a capacity exceeding 20 l and having withdrawable shelves shall be fitted with stops or a rest position to prevent the inadvertent withdrawal of the shelves. (IEC 60335-2-6)		P
	The shelves shall be capable of being withdrawn so that when fully extended to the rest position or the maximum distance allowed by the stops, the front edge of the shelves extends beyond the plane of the inside front surface of the oven door in the closed position by a distance of not less than 160 mm or 50 % of the depth of the shelf whichever is less (IEC 60335-2-6)		P
	The shelves shall also be constructed to prevent cooking dishes, or the like, from sliding over the rear edge (IEC 60335-2-6)		P
	This requirement also does not apply to shelves that are designed to be used in steam ovens, having a depth lower than 320 mm and perforated to contain vegetables. (IEC 60335-2-6)		N/A
22.123	Appliances incorporating at least one hob element shall be designed so that it is possible to switch off any energized hob element in the case of failure of any electronic component. (IEC 60335-2-6)		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
22.124	Appliances incorporating at least one hob element shall be designed so that the hob element does not become energized unintentionally in case of any electronic component being rendered inoperative (IEC 60335-2-6)		P
22.125	Pressure steam ovens shall incorporate a non-self-resetting pressure relief device that prevents excessive pressure. (IEC 60335-2-6)		N/A
22.126	The pressure relief device in steam ovens shall be positioned or constructed so that its operation does not cause injury to persons or damage to surroundings. Its construction shall be such that it cannot be made inoperative or set to a higher relief pressure. (IEC 60335-2-6)		N/A
22.127	The operating pressure of pressure steam ovens shall not exceed the rated cooking pressure during normal operation. (IEC 60335-2-6)		N/A
22.128	Means provided to allow drainage of water from cooking compartments of steam ovens shall discharge the water in such a manner that electrical insulation is not affected. (IEC 60335-2-6)		N/A
22.129	Pressure steam ovens shall incorporate vacuum release means to prevent a partial vacuum forming.		N/A
22.130	Emptying devices such as drain plugs for emptying hot liquids from a steam oven shall be constructed so that they cannot be opened inadvertently. This requirement is considered to be met when the emptying device handle is such that, when released, it returns the emptying device automatically to the closed position; or it is of the wheel type; or it is placed in a recess such that it cannot be placed in the open position by means of test probe B of IEC 61032 using a single action. (IEC 60335-2-6)		N/A
22.131	Steam ovens shall be constructed such that there is no spillage of water or sudden jets of steam or hot water likely to expose the user to a hazard when the appliance is used in accordance with the instructions (IEC 60335-2-6)		N/A
	If jets of steam or liquids are emitted through protective devices, the electrical insulation shall not be affected or the user exposed to a hazard. (IEC 60335-2-6)		N/A
22.132	Pressure steam ovens shall be constructed so that the door cannot be opened while the pressure within the pressurised cooking compartment is excessive. They shall incorporate a means to release the pressure to a value such that the door can be opened without risk. (IEC 60335-2-6)		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
22.133	The hazard created by hobs elements having off positions that are not visible during a main voltage interruption shall be obviated as far as is practicable. (IEC 60335-2-6)		P
22.134	For appliances incorporating at least one hob element, other than an induction hob element or an induction wok element, controlled by an electronic circuit, safety shall not be impaired in the event of a fault in the electronic circuit. (IEC 60335-2-6)	Hobs not controlled by an electronic circuit	N/A
22.135	Ovens intended for use on board ships shall withstand the pulses to which they may be subjected. (IEC 60335-2-6)		N/A
22.136	Ovens intended for use on board ships shall withstand the vibrations to which they may be subjected. (IEC 60335-2-6)		N/A
22.137	Ovens intended for use on board ships shall have means to reliably close each door, drawer, or other sliding or hinged part with a latch. (IEC 60335-2-6)		N/A
22.138	For appliances that are controlled by programmable electronic circuits that limit the number of heating elements and motors from being energised at the same time, simultaneous activation of any combination of heating elements and motors shall not render the appliance unsafe. (IEC 60335-2-6)		N/A
23	**INTERNAL WIRING**		
23.1	Wireways smooth and free from sharp edges		P
	Wires protected against contact with burrs, cooling fins etc.		P
	Wire holes in metal well-rounded or provided with bushings		P
	Wiring effectively prevented from coming into contact with moving parts		P
23.2	Beads etc. on live wires cannot change their position, and are not resting on sharp edges		N/A
	Beads inside flexible metal conduits contained within an insulating sleeve		N/A
23.3	Electrical connections and internal conductors movable relatively to each other not exposed to undue stress		N/A
	Flexible metallic tubes not causing damage to insulation of conductors		N/A
	Open-coil springs not used		N/A
	Adequate insulating lining provided inside a coiled spring, the turns of which touch one another		N/A
	No damage after 10 000 flexings for conductors flexed during normal use, or		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	100 flexings for conductors flexed during user maintenance		N/A
	Electric strength test of 16.3, 1000 V between live parts and accessible metal parts		N/A
	Not more than 10% of the strands of any conductor broken, and		N/A
	not more than 30% for wiring supplying circuits that consume no more than 15W		N/A
	The requirement also applies if parts of a cooking range are folded onto the hob surface or separated from their normal position, for transportation purposes (IEC 60335-2-6)		N/A
23.4	Bare internal wiring sufficiently rigid and fixed		N/A
23.5	The insulation of internal wiring subjected to the supply mains voltage withstanding the electrical stress likely to occur in normal use		P
	Basic insulation electrically equivalent to the basic insulation of cords complying with IEC 60227 or IEC 60245, or		N/A
	no breakdown when a voltage of 2000 V is applied for 15 min between the conductor and metal foil wrapped around the insulation		P
	For class II construction, the requirements for supplementary insulation and reinforced insulation apply,		N/A
	except that the sheath of a cord complying with IEC 60227 or IEC 60245 may provide supplementary insulation.		P
	A single layer of internal wiring insulation does not provide reinforced insulation		N/A
23.6	Sleeving used as supplementary insulation on internal wiring retained in position by clamping at both ends, or		P
	be such that it can only be removed by breaking or cutting		N/A
23.7	The colour combination green/yellow only used for earthing conductors		P
23.8	Aluminium wires not used for internal wiring		P
23.9	Stranded conductors not consolidated by soldering where they are subjected to contact pressure, unless		P
	the contact pressure is provided by spring terminals		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
23.10	The insulation and sheath of internal wiring, incorporated in external hoses for the connection of an appliance to the water mains, at least equivalent to that of light polyvinyl chloride sheathed flexible cord (60227 IEC 52)		N/A
24	**COMPONENTS**		
24.1	Components comply with safety requirements in relevant IEC standards		P
	List of components .....:	(see appended table)	P
	Motors not required to comply with IEC 60034-1, they are tested as part of the appliance		N/A
	Relays tested as part of the appliance, or		P
	alternatively acc. to IEC 60730-1, and meeting the additional requirements in IEC 60335-1		N/A
	The requirements of Clause 29 apply between live parts of components and accessible parts of the appliance		P
	Components can comply with the requirements for clearances and creepage distances for functional insulation in the relevant component standard		P
	30.2 of this standard apply to parts of non-metallic material in components including parts of non-metallic material supporting current-carrying connections		P
	Components that have not been previously tested to comply with the IEC standard for the relevant component are tested according to the requirements of 30.2		P
	Components that have been previously tested to comply with the resistance to fire requirements in the IEC standard for the relevant component need not be retested provided the specified conditions are met		P
	If these conditions are not satisfied, the component is tested as part of the appliance.		N/A
	Power electronic converter circuits not required to comply with IEC 62477-1, they are tested as part of the appliance		N/A
	If components have not been tested and found to comply with relevant IEC standard for the number of cycles specified, they are tested in accordance with 24.1.1 to 24.1.9		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	For components mentioned in 24.1.1 to 24.1.9 no additional tests specified in the relevant component standard are necessary other than those specified in 24.1.1 to 24.1.9		N/A
	Components not tested and found to comply with relevant IEC standard and components not marked or not used in accordance with its marking, tested under the conditions occurring in the appliance		P
	Lampholders and starterholders that have not being tested and found to comply with the relevant IEC standard, tested as a part of the appliance and additionally according to the gauging and interchangeability requirements of the relevant IEC standard		N/A
	No additional tests specified for nationally standardized plugs such as those detailed in IEC/TR 60083 or connectors complying with the standard sheets of IEC 60320-1 and IEC 60309		N/A
24.1.1	Capacitors likely to be permanently subjected to the supply voltage and used for radio interference suppression or for voltage dividing, comply with IEC 60384-14		N/A
	If the capacitors have to be tested, they are tested according to Annex F		N/A
24.1.2	Transformers in associated switch mode power supplies comply with Annex BB of IEC 61558-2-16		N/A
	Safety isolating transformers comply with IEC 61558-2-6		N/A
	If they have to be tested, they are tested according to Annex G		N/A
24.1.3	Switches comply with IEC 61058-1, the number of cycles of operation being at least 10 000		P
	If they have to be tested, they are tested according to Annex H		N/A
	If the switch operates a relay or contactor, the complete switching system is subjected to the test		N/A
	If the switch only operates a motor staring relay complying with IEC 60730-2-10 with the number of cycles of a least 10 000 as specified, the complete switching system need not be tested		N/A
	Switches controlling hob elements subjected to 30 000 cycles of operation (IEC 60335-2-6)		P
24.1.4	Automatic controls comply with IEC 60730-1 with the relevant part 2. The number of cycles of operation being at least:		

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	- thermostats:	10 000		P
	- temperature limiters:	1 000		P
	- self-resetting thermal cut-outs:	300		N/A
	- self-resetting thermal cut-outs for heating elements of glass-ceramic hobs (IEC 60335-2-6)	100 000		P
	- self-resetting thermal cut-outs for heating elements of other hobs (IEC 60335-2-6)	10 000		P
	- voltage maintained non-self-resetting thermal cut-outs:	1 000		N/A
	- other non-self-resetting thermal cut-outs:	30		N/A
	- timers:	3 000		P
	- energy regulators for automatic action (IEC 60335-2-6)	100 000		P
	- energy regulators for manual action (IEC 60335-2-6)	10 000		N/A
	thermostats controlling the cleaning process in pyrolytic self-cleanings ovens (IEC 60335-2-6)	3 000		N/A
	The number of cycles for controls operating during clause 11 need not be declared, if the appliance meets the requirements of this standard when they are short-circuited			N/A
	Thermal motor protectors are tested in combination with their motor under the conditions specified in Annex D			N/A
	For water valves containing live parts and that are incorporated in external hoses for connection of an appliance to the water mains, the degree of protection declared for subclause 6.5.2 of IEC 60730-2-8 is IPX7			N/A
	Thermal cut-outs of the capillary type comply with the requirements for type 2.K controls in IEC 60730-2-9			N/A
24.1.5	Appliance couplers comply with IEC 60320-1			N/A
	However, for class II appliances classified higher than IPX0, the appliance couplers comply with IEC 60320-2-3			N/A
	Interconnection couplers comply with IEC 60320-2-2			N/A
24.1.6	Small lamp holders similar to E10 lampholders comply with IEC 60238, the requirements for E10 lampholders being applicable			P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
24.1.7	For remote operation of the appliance via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is IEC 62151		N/A
24.1.8	The relevant standard for thermal links is IEC 60691		N/A
	Thermal links not complying with IEC 60691 are considered to be an intentionally weak part for the purposes of Clause 19		N/A
24.1.9	Contactors and relays, other than motor starting relays, tested as part of the appliance		P
	They are also tested in accordance with Clause 17 of IEC 60730-1, the number of cycles of operations in 24.1.4 selected according to the contactor or relay function in the appliance .....:		N/A
24.2	Appliances not fitted with:		
	- switches, automatic controls or power supplies in flexible cords		P
	- devices causing the protective device in the fixed wiring to operate in the event of a fault in the appliance		P
	- thermal cut-outs that can be reset by soldering, unless		P
	the solder has a melding point of at least 230 ˚C		N/A
24.3	Switches intended for all-pole disconnection of stationary appliances are directly connected to the supply terminals and have a contact separation in all poles, providing full disconnection under overvoltage category III conditions		P
24.4	Plugs and socket-outlets for extra-low voltage circuits and heating elements, not interchangeable with plugs and socket-outlets listed in IEC/TR 60083 or IEC 60906-1 or with connectors and appliance inlets complying with the standard sheets of IEC 60320-1		N/A
24.5	Capacitors in auxiliary windings of motors marked with their rated voltage and capacitance, and used accordingly		N/A
	Voltage across capacitors in series with a motor winding does not exceed 1,1 times rated voltage, when the appliance is supplied at 1,1 times rated voltage under minimum load		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
24.6	Working voltage of motors connected to the supply mains and having basic insulation that is inadequate for the rated voltage of the appliance, not exceeding 42 V		N/A
	In addition, the motors comply with the requirements of Annex I		N/A
24.7	Detachable hose-sets for connection of appliances to the water mains comply with IEC 61770		N/A
	They are supplied with the appliance		N/A
	Appliances intended to be permanently connected to the water mains not connected by a detachable hose-set		N/A
24.8	Motor running capacitors in appliances for which 30.2.3 is applicable and that are permanently connected in series with a motor winding, not causing a hazard in event of a failure		N/A
	One or more of the following conditions are to be met:		
	- the capacitors are of class S2 or S3 according to IEC 60252-1		N/A
	- the capacitors are housed within a metallic or ceramic enclosure		N/A
	- the distance of separation of the outer surface to adjacent non-metallic parts exceeds 50 mm		N/A
	- adjacent non-metallic parts within 50 mm withstand the needle-flame test of Annex E		N/A
	- adjacent non-metallic parts within 50 mm classified as at least V-1 according to IEC 60695-11-10		N/A
24.101	Thermostat and energy regulators incorporating an off position shall not switch on a result of variations in ambient temperatures (IEC 60335-2-6)	Energy regulators have off position	P
	During the test, the off position shall be maintained		P
	No breakdown shall occur; test voltage 500 V		P
24.102	Incorporated socket-outlets in cooking ranges: single-phase type, earthing contact, rated current ≤16 A, protected by fuses or circuit breaker placed behind a non-detachable cover rated current not exceeding rated current of the socket-outlet (IEC 60335-2-6)		N/A
	Cooking range for permanently connected to fixed wiring or is fitted with a polarized plug, the neutral pole need not be protected (IEC 60335-2-6)		N/A
	If fuses become accessible after opening a drawer or other compartment, a non-detachable cover is not required (IEC 60335-2-6)		N/A
25	**SUPPLY CONNECTION AND EXTERNAL FLEXIBLE CORDS**		

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
25.1	Appliance not intended for permanent connection to fixed wiring, means for connection to the supply:		
	- supply cord fitted with a plug, the current rating and voltage rating of the plug being not less than the corresponding ratings of its associated appliance	Only Norway plug used (25 A)	P
	- an appliance inlet having at least the same degree of protection against moisture as required for the appliance, or		N/A
	- pins for insertion into socket-outlets		N/A
25.2	Appliance not provided with more than one means of connection to the supply mains		P
	Stationary appliance for multiple supply may be provided with more than one means of connection, provided electric strength test of 1250 V for 1 min between each means of connection causes no breakdown		N/A
25.3	Appliance intended to be permanently connected to fixed wiring provided with one of the following means for connection to the supply mains:		
	- a set of terminals allowing the connection of a flexible cord		P
	- a fitted supply cord		P
	- a set of supply leads accommodated in a suitable compartment		N/A
	- a set of terminals for the connection of cables of fixed wiring, cross-sectional areas specified in 26.6, and the appliance allows the connection of the supply conductors after the appliance has been fixed to its support		P
	- a set of terminals and cable entries, conduit entries, knock-outs or glands, allowing connection of appropriate types of cable or conduit, and the appliance allows the connection of the supply conductors after the appliance has been fixed to its support		N/A
	For a fixed appliance constructed so that parts can be removed to facilitate easy installation, this requirement is met if it is possible to connect the fixed wiring without difficulty after a part of the appliance has been fixed to its support		N/A
	Connection of supply wires of hobs, built-in ranges and built-in ovens may be made before the appliance is installed (IEC 60335-2-6)		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
25.4	Cable and conduit entries, rated current of appliance not exceeding 16 A, dimension according to table 10 (mm) .....:	Rated current of appliances exceeding 16 A	N/A
	Introduction of conduit or cable does not reduce clearances or creepage distances below values specified in clause 29		N/A
25.5	Method for assembling the supply cord to the appliance:		
	- type X attachment		N/A
	- type Y attachment		P
	- type Z attachment, if allowed in relevant part 2		N/A
	Type X attachment, other than those with a specially prepared cord, not used for flat twin tinsel cords		N/A
	For multi-phase appliances supplied with a supply cord and that are intended to be permanently connected to fixed wiring, the supply cord is assembled to the appliance by type Y attachment		P
25.6	Plugs fitted with only one flexible cord		N/A
25.7	Supply cords, other than for class III appliances, being one of the following types:		
	- rubber sheathed (at least 60245 IEC 53)	H05RR-F	P
	- polychloroprene sheathed (at least 60245 IEC 57)		N/A
	- polyvinyl chloride sheathed. Not used if they are likely to touch metal parts having a temperature rise exceeding 75 K during the test of clause 11		
	• light polyvinyl chloride sheathed cord (60227 IEC 52), for appliances not exceeding 3 kg		N/A
	• ordinary polyvinyl chloride sheathed cord (60227 IEC 53), for other appliances	Mentioned in user manual H05VV-F	P
	- heat resistant polyvinyl chloride sheathed. Not used for type X attachment other than specially prepared cords		
	• heat-resistant light polyvinyl chloride sheathed cord (60227 IEC 56), for appliances not exceeding 3 kg		N/A
	• heat-resistant polyvinyl chloride sheathed cord (60227 IEC 57), for other appliances		N/A
	- halogen-free, low smoke, thermoplastic insulated and sheathed		
	• light duty halogen-free low smoke flexible cable (62821 IEC 101) for circular cable and (62821 IEC 101f) for flat cable		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	• Ordinary duty halogen-free low smoke flexible cable (62821 IEC 102) for circular cable and (62821 IEC 102f(for flat cable		N/A
	Supply cords for class III appliances adequately insulated		N/A
	Test with 500 V for 2 min for supply cords of class III appliances that contain live parts		N/A
25.8	Nominal cross-sectional area of supply cords not less than table 11; rated current (A); cross-sectional area (mm²).....:	3Gx4 mm^2 5Gx1,5 mm^2 3Gx2,5mm^2	P
25.9	Supply cords not in contact with sharp points or edges		P
25.10	Supply cord of class I appliances have a green/yellow core for earthing		P
	In multi-phase appliances, the colour of the neutral conductor of the supply cord is blue.		P
	Where additional neutral conductors are provided in the supply cord:		
	– other colours may be used for these additional neutral conductors;		N/A
	– all of the neutral conductors and line conductors are identified by marking using the alpha numeric notation specified in IEC 60445		N/A
	– the supply cord is fitted to the appliance		N/A
25.11	Conductors of supply cords not consolidated by soldering where they are subject to contact pressure, unless		P
	the contact pressure is provided by spring terminals		N/A
25.12	Insulation of the supply cord not damaged when moulding the cord to part of the enclosure		N/A
25.13	Inlet openings so constructed as to prevent damage to the supply cord		P
	If it is not evident that the supply cord can be introduced without risk of damage, a non-detachable lining or bushing complying with 29.3 for supplementary insulation provided		P
	If unsheathed supply cord, a similar additional bushing or lining is required, unless the appliance is		N/A
	class 0, or		N/A
	a class III appliance not containing live parts		N/A
25.14	Supply cords moved while in operation adequately protected against excessive flexing		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Flexing test, as described:		
	- applied force (N).....:		N/A
	- number of flexings..... ....:		N/A
	The test does not result in:		
	- short-circuit between the conductors, such that the current exceeds a value of twice the rated current		N/A
	- breakage of more than 10% of the strands of any conductor		N/A
	- separation of the conductor from its terminal		N/A
	- loosening of any cord guard		N/A
	- damage to the cord or the cord guard		N/A
	- broken strands piercing the insulation and becoming accessible		N/A
	For temperature-sensing probes, the total number of flexings is 5 000. (IEC 60335-2-6)		N/A
	Probes with circular section cords are turned through 90° after 2 500 flexings (IEC 60335-2-6)		N/A
25.15	For appliances with supply cord and appliances to be permanently connected to fixed wiring by a flexible cord, conductors of the supply cord relieved from strain, twisting and abrasion by use of cord anchorage		P
	The cord cannot be pushed into the appliance to such an extent that the cord or internal parts of the appliance can be damaged		P
	Pull and torque test of supply cord:		
	- fixed appliances: pull 100 N; torque (not on automatic cord reel) (Nm).....:		N/A
	- other appliances: values shown in table 12: mass (kg); pull (N); torque (not on automatic cord reel) (Nm).....:		P
	Pull and torque test of supply cord, values shown in table 12: mass (kg); pull (N); torque (not on automatic cord reel) (Nm).....:	100 N , 0,35 Nm	P
	Cord not damaged and max. 2 mm displacement of the cord		P
25.16	Cord anchorages for type X attachments constructed and located so that:		
	- replacement of the cord is easily possible		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	- it is clear how the relief from strain and the prevention of twisting are obtained		N/A
	- they are suitable for different types of supply cord		N/A
	- cord cannot touch the clamping screws of cord anchorage if these screws are accessible, unless		N/A
	they are separated from accessible metal parts by supplementary insulation		N/A
	- the cord is not clamped by a metal screw which bears directly on the cord		N/A
	- at least one part of the cord anchorage securely fixed to the appliance, unless		N/A
	it is part of a specially prepared cord		N/A
	- screws which have to be operated when replacing the cord do not fix any other component, unless		N/A
	the appliance becomes inoperative or incomplete or the parts cannot be removed without a tool		N/A
	- if labyrinths can be bypassed the test of 25.15 is nevertheless withstood		N/A
	- for class 0, 0I and I appliances they are of insulating material or are provided with an insulating lining, unless		N/A
	failure of the insulation of the cord does not make accessible metal parts live		N/A
	- for class II appliances they are of insulating material, or		N/A
	if of metal, they are insulated from accessible metal parts by supplementary insulation		N/A
	After the test of 25.15, under the conditions specified, the conductors have not moved by more than 1 mm in the terminals		N/A
25.17	Adequate cord anchorages for type Y and Z attachment, test with the cord supplied with the appliance		P
25.18	Cord anchorages only accessible with the aid of a tool, or		N/A
	Constructed so that the cord can only be fitted with the aid of a tool		P
25.19	Type X attachment, glands not used as cord anchorage in portable appliances		N/A
	Tying the cord into a knot or tying the cord with string not used		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
25.20	The conductors of the supply cord for type Y and Z attachment insulated from accessible metal parts		P
25.21	Space for supply cord for type X attachment or for connection of fixed wiring constructed:		
	- to permit checking of conductors with respect to correct positioning and connection before fitting any cover		P
	- so there is no risk of damage to the conductors or their insulation when fitting the cover		P
	- for portable appliances, so that the uninsulated end of a conductor, if it becomes free from the terminal, prevented from contact with accessible metal parts		N/A
	2 N test to the conductor for portable appliances; no contact with accessible metal parts		N/A
25.22	Appliance inlets:		
	- live parts not accessible during insertion or removal		N/A
	Requirement not applicable to appliance inlets complying with IEC 60320-1		N/A
	- connector can be inserted without difficulty		N/A
	- the appliance is not supported by the connector		N/A
	- not for cold conditions if temp. rise of external metal parts exceeds 75 K during clause 11, unless		N/A
	the supply cord is unlikely to touch such metal parts		N/A
25.23	Interconnection cords comply with the requirements for the supply cord, except that:		N/A
	- the cross-sectional area of the conductors is determined on the basis of the maximum current during clause 11		N/A
	- the thickness of the insulation may be reduced		N/A
	- for class I or class II appliance with class III construction, the cross sectional areas of the conductors need not comply with 25.8 if specified conditions are met		N/A
	If necessary, electric strength test of 16.3		N/A
25.24	Interconnection cords not detachable without the aid of a tool if compliance with this standard is impaired when they are disconnected		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
25.25	Dimensions of pins that are inserted into socket-outlets compatible with the dimensions of the relevant socket-outlet.		N/A
	Dimensions of pins and engagement face in accordance with the dimensions of the relevant plug in IEC/TR 60083		N/A
26	**TERMINALS FOR EXTERNAL CONDUCTORS**		
26.1	Appliances provided with terminals or equally effective devices for connection of external conductors		P
	Terminals only accessible after removal of a non-detachable cover, except		P
	for class III appliances that do not contain live parts		N/A
	Earthing terminals may be accessible if a tool is required to make the connections and means are provided to clamp the wire independently from its connection		P
26.2	Appliances with type X attachment and appliances for the connection of cables to fixed wiring provided with terminals in which connections are made by means of screws, nuts or similar devices, unless		P
	the connections are soldered		N/A
	Screws and nuts not used to fix any other component, except		P
	internal conductors, if so arranged that they are unlikely to be displaced when fitting the supply conductors		N/A
	If soldered connections used, the conductor so positioned or fixed that reliance is not placed on soldering alone, unless		N/A
	barriers provided so that neither clearances nor creepage distances between live parts and other metal parts reduced below the values for supplementary insulation if the conductor becomes free at the soldered joint		N/A
26.3	Terminals for type X attachment and for connection of cables of fixed wiring so constructed that the conductor is clamped between metal surfaces with sufficient contact pressure but without damaging the conductor		P
	Terminals fixed so that when the clamping means is tightened or loosened:		
	- the terminal does not become loose		P
	- internal wiring is not subjected to stress		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	- neither clearances nor creepage distances are reduced below the values in clause 29		P
	Compliance checked by inspection and by the test of subclause 9.6 of IEC 60999-1, the torque applied being equal to two-thirds of the torque specified (Nm).....:		N/A
	No deep or sharp indentations of the conductors		P
26.4	Terminals for type X attachment, except those having a specially prepared cord and those for the connection of cables of fixed wiring, no special preparation of conductors such as by soldering, use of cable lugs, eyelets or similar, and		P
	so constructed or placed that conductors prevented from slipping out when clamping screws or nuts are tightened		P
26.5	Terminals for type X attachment so located or shielded that if a wire of a stranded conductor escapes, no risk of accidental connection to other parts that result in a hazard		N/A
	Stranded conductor test, 8 mm insulation removed		N/A
	No contact between live parts and accessible metal parts and,		N/A
	for class II constructions, between live parts and metal parts separated from accessible metal parts by supplementary insulation only		N/A
26.6	Terminals for type X attachment and for connection of cables of fixed wiring suitable for connection of conductors with cross-sectional area according to table 13; rated current (A); nominal cross-sectional area (mm²).....:	Max 40,3 A , 5X1,5 mm^2 , 26 A 3x4 mm^2	P
	If a specially prepared cord is used, terminals need only be suitable for that cord		N/A
26.7	Terminals for type X attachment, except in class III appliances not containing live parts, accessible after removal of a cover or part of the enclosure		N/A
26.8	Terminals for the connection of fixed wiring, including the earthing terminal, located close to each other		P
26.9	Terminals of the pillar type constructed and located as specified		N/A
26.10	Terminals with screw clamping and screwless terminals not used for flat twin tinsel cords, unless		P
	conductors ends fitted with means suitable for screw terminals		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Pull test of 5 N to the connection		P
26.11	For type Y and Z attachment, soldered, welded, crimped or similar connections may be used		P
	For Class II appliances, the conductor so positioned or fixed that reliance is not placed on soldering, welding or crimping alone		N/A
	If soldering, welding or crimping alone used, barriers provided so that clearances and creepage distances between live parts and other metal parts are not reduced below the values for supplementary insulation if the conductor becomes free		P
27	**PROVISION FOR EARTHING**		
27.1	Accessible metal parts of Class 0I and I appliances permanently and reliably connected to an earthing terminal or earthing contact of the appliance inlet		P
	Earthing terminals and earthing contacts not connected to the neutral terminal		P
	Class 0, II and III appliances have no provision for protective earthing		N/A
	Class II appliances and class III appliances can incorporate an earth for functional purposes		N/A
	Safety extra-low voltage circuits not earthed, unless		N/A
	protective extra-low voltage circuits		N/A
27.2	Clamping means of earthing terminals adequately secured against accidental loosening		P
	Terminals for the connection of external equipotential bonding conductors allow connection of conductors of 2.5 to 6 mm², and		N/A
	- do not provide earthing continuity between different parts of the appliance, and		N/A
	- conductors cannot be loosened without the aid of a tool		N/A
	Requirements not applicable to class II appliances and class III appliances that incorporate an earth for functional purposes		N/A
27.3	For a detachable part having an earth connection and being plugged into another part of the appliance, the earth connection is made before and separated after current-carrying connections when removing the part		N/A
	For appliances with supply cords, current-carrying conductors become taut before earthing conductor, if the cord slips out of the cord anchorage		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Requirements not applicable to class II appliances and class III appliances that incorporate an earth for functional purposes		N/A
27.4	No risk of corrosion resulting from contact between parts of the earthing terminal and the copper of the earthing conductor or other metal		P
	Parts providing earthing continuity, other than parts of a metal frame or enclosure, have adequate resistance to corrosion		P
	If of steel, these parts provided with an electroplated coating with a thickness at least 5 µm		N/A
	Adequate protection against rusting of parts of coated or uncoated steel, only intended to provide or transmit contact pressure		P
	In the body of the earthing terminal is a part of a frame or enclosure of aluminium or aluminium alloys, precautions taken to avoid risk of corrosion		P
	Requirements not applicable to class II appliances and class III appliances that incorporate an earth for functional purposes		N/A
27.5	Low resistance of connection between earthing terminal and earthed metal parts		P
	This requirement does not apply to connections providing earthing continuity in the protective extra-low voltage circuit, provided the clearances of basic insulation are based on the rated voltage of the appliance		N/A
	Requirements not applicable to class II appliances and class III appliances that incorporate an earth for functional purposes		N/A
	Resistance not exceeding 0,1 Ω at the specified low-resistance test (Ω).....:	Metal enclosure 0,07 Ω	P
27.6	The printed conductors of printed circuit boards not used to provide earthing continuity in hand-held appliances.		P
	They may be used to provide earthing continuity in other appliances if at least two tracks are used with independent soldering points and the appliance complies with 27.5 for each circuit		N/A
	Requirements not applicable to class II appliances and class III appliances that incorporate an earth for functional purposes		N/A
28.1	**SCREWS AND CONNECTIONS**		

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Fixings, electrical connections and connections providing earthing continuity withstand mechanical stresses		P
	Screws not of soft metal liable to creep, such as zinc or aluminium		P
	Diameter of screws of insulating material min. 3 mm		N/A
	Screws of insulating material not used for any electrical connections or connections providing earthing continuity		N/A
	Screws used for electrical connections or connections providing earthing continuity screwed into metal		P
	Screws not of insulating material if their replacement by a metal screw can impair supplementary or reinforced insulation		N/A
	For type X attachment, screws to be removed for replacement of supply cord or for user maintenance, not of insulating material if their replacement by a metal screw impairs basic insulation		N/A
	For screws and nuts; torque-test as specified in table 14.....:	(see appended table)	P
28.2	Electrical connections and connections providing earthing continuity constructed so that contact pressure is not transmitted through non-ceramic insulating material liable to shrink or distort, unless		P
	there is resiliency in the metallic parts to compensate for shrinkage or distortion of the insulating material		N/A
	This requirement does not apply to electrical connections in circuits of appliances for which:		
	• 30.2.2 is applicable and that carry a current not exceeding 0,5 A		N/A
	• 30.2.3 is applicable and that carry a current not exceeding 0,2 A		N/A
28.3	Space-threaded (sheet metal) screws only used for electrical connections if they clamp the parts together		P
	Thread-cutting (self-tapping) screws and thread rolling screws only used for electrical connections if they generate a full form standard machine screw thread		P
	Thread-cutting (self-tapping) screws not used if they are likely to be operated by the user or installer		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Thread-cutting, thread rolling and space threaded screws may be used in connections providing earthing continuity provided it is not necessary to disturb the connection:		
	- in normal use,		N/A
	- during user maintenance,		P
	- when replacing a supply cord having a type X attachment, or		N/A
	- during installation		N/A
	At least two screws being used for each connection providing earthing continuity, unless		P
	the screw forms a thread having a length of at least half the diameter of the screw		N/A
28.4	Screws and nuts that make mechanical connection secured against loosening if they also make electrical connections or connections providing earthing continuity		P
	This requirement does not apply to screws in the earthing circuit if at least two screws are used, or		P
	if an alternative earthing circuit is provided		N/A
	Rivets for electrical connections or connections providing earthing continuity secured against loosening if the connections are subjected to torsion		N/A
29	**CLEARANCES, CREEPAGE DISTANCES AND SOLID INSULATION**		
	Clearances, creepage distances and solid insulation withstand electrical stress		P
	For coatings used on printed circuits boards to protect the microenvironment (Type 1) or to provide basic insulation (Type 2), Annex J applies .....:		N/A
	The microenvironment is pollution degree 1 under type 1 protection		N/A
	For type 2 protection, the spacing between the conductors before the protection is applied is not less than the values specified in Table 1 of IEC 60664-3		N/A
	These values apply to functional, basic, supplementary and reinforced insulation.....:		N/A
29.1	Clearances not less than the values specified in table 16, taking into account the rated impulse voltage for the overvoltage categories of table 15, unless .....:	(see appended table)	P
	for basic insulation and functional insulation they comply with the impulse voltage test of clause 14		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	However, if the distances are affected by wear, distortion, movement of the parts or during assembly, the clearances for rated impulse voltages of 1500V and above are increased by 0,5 mm and the impulse voltage test is not applicable		N/A
	For appliances intended for use at altitudes exceeding 2 000 m, the clearances in Table 16 is increased according to the relevant multiplier values in Table A.2 of IEC 60664-1		N/A
	Impulse voltage test is not applicable:		
	- when the microenvironment is pollution degree 3, or		P
	- for basic insulation of class 0 and class 01 appliances, or		N/A
	- to appliances intended for use at altitudes exceeding 2 000 m		N/A
	Appliances are in overvoltage category II		P
	A force of 2 N is applied to bare conductors, other than heating elements		P
	A force of 30 N is applied to accessible surfaces		P
29.1.1	Clearances of basic insulation withstand the overvoltages, taking into account the rated impulse voltage		P
	The values of table 16 or the impulse voltage test of clause 14 are applicable.....:	(see appended table)	P
	Clearance at the terminals of tubular sheathed heating elements may be reduced to 1,0 mm if the microenvironment is pollution degree 1		N/A
	Lacquered conductors of windings considered to be bare conductors		P
29.1.2	Clearances of supplementary insulation not less than those specified for basic insulation in table 16 .....:	(see appended table)	P
29.1.3	Clearances of reinforced insulation not less than those specified for basic insulation in table 16, using the next higher step for rated impulse voltage.....:	(see appended table)	P
	For double insulation, with no intermediate conductive part between basic and supplementary insulation, clearances are measured between live parts and the accessible surface, and the insulation system is treated as reinforced insulation		N/A
29.1.4	Clearances for functional insulation are the largest values determined from:		
	- table 16 based on the rated impulse voltage.....:	(see appended table)	P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	- table F.7a in IEC 60664-1, frequency not exceeding 30 kHz		N/A
	- clause 4 of IEC 60664-4, frequency exceeding 30 kHz		N/A
	If values of table 16 are largest, the impulse voltage test of clause 14 may be applied instead, unless		N/A
	the microenvironment is pollution degree 3, or		P
	the distances can be affected by wear, distortion, movement of the parts or during assembly		N/A
	However, clearances are not specified if the appliance complies with clause 19 with the functional insulation short-circuited		N/A
	Lacquered conductors of windings considered to be bare conductors		P
	However, clearances at crossover points are not measured		N/A
	Clearance between surfaces of PTC heating elements may be reduced to 1mm		N/A
29.1.5	Appliances having higher working voltages than rated voltage, clearances for basic insulation are the largest values determined from:		
	- table 16 based on the rated impulse voltage.....:		N/A
	- table F.7a in IEC 60664-1, frequency not exceeding 30 kHz		N/A
	- clause 4 of IEC 60664-4, frequency exceeding 30 kHz		N/A
	If clearances for basic insulation are selected from Table F.7a of IEC 60664-1 or Clause 4 of IEC 60664-4, the clearances of supplementary insulation are not less than those specified for basic insulation		N/A
	If clearances for basic insulation are selected from Table F.7a of IEC 60664-1, the clearances of reinforced insulation dimensioned as specified in Table F.7a are to withstand 160% of the withstand voltage required for basic insulation		N/A
	If clearances for basic insulation are selected from Clause 4 of IEC 60664-4, the clearances of reinforced insulation are twice the value required for basic insulation		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	If the secondary winding of a step-down transformer is earthed, or if there is an earthed screen between the primary and secondary windings, clearances of basic insulation on the secondary side not less than those specified in table 16, but using the next lower step for rated impulse voltage		N/A
	Circuits supplied with a voltage lower than rated voltage, clearances of functional insulation are based on the working voltage used as the rated voltage in table 15		N/A
29.2	Creepage distances not less than those appropriate for the working voltage, taking into account the material group and the pollution degree.....:	(see appended table)	P
	Pollution degree 2 applies, unless		N/A
	- precautions taken to protect the insulation; pollution degree 1		N/A
	- insulation subjected to conductive pollution; pollution degree 3		P
	A force of 2 N is applied to bare conductors, other than heating elements		P
	A force of 30 N is applied to accessible surfaces		P
	In a double insulation system, the working voltage for both the basic and supplementary insulation is taken as the working voltage across the complete double insulation system		N/A
	The microenvironment is pollution degree 3 unless the insulation is enclosed or located so that it is unlikely to be exposed to pollution during normal use of the appliance (IEC 60335-2-6)		P
29.2.1	Creepage distances of basic insulation not less than specified in table 17.....:	(see appended table)	P
	However, if the working voltage is periodic and has a frequency exceeding 30 kHz, the creepage distances are also determined from table 2 of IEC 60664-4, these values being used if exceeding the values in table 17 .....:		N/A
	Except for pollution degree 1, corresponding creepage distance not less than the minimum specified for the clearance in table 16, if the clearance has been checked according to the test of clause 14.....:		N/A
29.2.2	Creepage distances of supplementary insulation at least those specified for basic insulation in table 17, or .....:	(see appended table)	P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Table 2 of IEC 60664-4, as applicable .....:		N/A
29.2.3	Creepage distances of reinforced insulation at least double those specified for basic insulation in table 17, or .....:	(see appended table)	P
	Table 2 of IEC 60664-4, as applicable .....:		N/A
29.2.4	Creepage distances of functional insulation not less than specified in table 18.....:	(see appended table)	P
	However, if the working voltage is periodic and has a frequency exceeding 30 kHz, the creepage distances are also determined from table 2 of IEC 60664-4, these values being used if exceeding the values in table 18 .....:		N/A
	Creepage distances may be reduced if the appliance complies with clause 19 with the functional insulation short-circuited		N/A
29.3	Supplementary and reinforced insulation have adequate thickness, or a sufficient number of layers, to withstand the electrical stresses		P
	Compliance checked:		
	- by measurement, in accordance with 29.3.1, or		N/A
	- by an electric strength test in accordance with 29.3.2, or		N/A
	- for insulation, other than single layer internal wiring insulation, by an assessment of the thermal quality of the material combined with an electric strength test, in accordance with 29.3.3, and		N/A
	for accessible parts of reinforced insulation consisting of a single layer, by measurement in accordance with 29.3.4, or		N/A
	- by an assessment of the thermal quality of the material according to 29.3.3 combined with an electric strength test in accordance with 23.5, for each single layer internal wiring insulation touching each other, or		N/A
	- as specified in subclause 6.3 of IEC 60664-4 for insulation that is subjected to any periodic voltage having a frequency exceeding 30 kHz		N/A
	This requirement does not apply to the sheath of visibly glowing heating element inaccessible to test probe 41 of IEC 61032 (IEC 60335-2-6)		N/A
29.3.1	Supplementary insulation have a thickness of at least 1 mm		P

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Clause	Requirement + Test	Result - Remark	Verdict
	Reinforced insulation have a thickness of at least 2 mm		P
29.3.2	Each layer of material withstand the electric strength test of 16.3 for supplementary insulation		N/A
	Supplementary insulation consist of at least 2 layers		N/A
	Reinforced insulation consist of at least 3 layers		N/A
29.3.3	The insulation is subjected to the dry heat test Bb of IEC 60068-2-2, followed by		N/A
	the electric strength test of 16.3		N/A
	If the temperature rise during the tests of clause 19 does not exceed the value specified in table 3, the test of IEC 60068-2-2 is not carried out		N/A
29.3.4	Thickness of accessible parts of reinforced insulation consisting of a single layer not less than specified in table 19.....:		N/A
30	**RESISTANCE TO HEAT AND FIRE**		
30.1	External parts of non-metallic material,		P
	parts supporting live parts, and		P
	parts of thermoplastic material providing supplementary or reinforced insulation		P
	sufficiently resistant to heat		P
	Ball-pressure test according to IEC 60695-10-2		P
	External parts tested at 40 °C plus the maximum temperature rise determined during the test of clause 11, or at 75 °C, whichever is the higher; temperature (°C) .....:	(see appended table 30.1)	P
	Parts supporting live parts tested at 40°C plus the maximum temperature rise determined during the test of clause 11, or at 125 °C, whichever is the higher; temperature (°C).....:	(see appended table 30.1)	P
	Parts of thermoplastic material providing supplementary or reinforced insulation tested at 25 °C plus the maximum temperature rise determined during clause 19, if higher; temperature (°C).....:	(see appended table 30.1)	P
30.2	Parts of non-metallic material resistant to ignition and spread of fire		P
	This requirement does not apply to:		
	parts having a mass not exceeding 0,5 g, provided the cumulative effect is unlikely to propagate flames that originate inside the appliance by propagating flames from one part to another, or		P

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Clause	Requirement + Test	Result - Remark	Verdict
	decorative trims, knobs and other parts unlikely to be ignited or to propagate flames that originate inside the appliance		P
	Compliance checked by the test of 30.2.1, and in addition:		P
	- for attended appliances, 30.2.2 applies		N/A
	- for unattended appliances, 30.2.3 applies		P
	For appliances for remote operation, 30.2.3 applies		N/A
	For base material of printed circuit boards, 30.2.4 applies	PCB is V0	N/A
	For induction wok elements, grills and griddles that do not incorporate a timer , 30.2.2 is applicable (IEC 60335-2-6)		N/A
	For other appliances, 30.2.3 is applicable (IEC 60335-2-6)		N/A
30.2.1	Parts of non-metallic material subjected to the glow-wire test of IEC 60695-2-11 at 550°C	(see appended table 30.2)	P
	However, test not carried out if the material is classified as having a glow-wire flammability index according to IEC 60695-2-12 of at least 550 °C, or		N/A
	the material is classified at least HB40 according to IEC 60695-11-10		N/A
	Parts for which the glow-wire test cannot be carried out need to meet the requirements in ISO 9772 for material classified HBF		N/A
30.2.2	Appliances operated while attended, parts of non-metallic material supporting current-carrying connections, and		N/A
	parts of non-metallic material within a distance of 3mm of such connections,		N/A
	subjected to the glow-wire test of IEC 60695-2-11 with appropriate severity level:	(see appended table 30.2)	N/A
	- 750 °C, for connections carrying a current exceeding 0,5 A during normal operation		N/A
	- 650 °C, for other connections		N/A
	Glow-wire applied to an interposed shielding material, if relevant		N/A
	The glow-wire test is not carried out on parts of material classified as having a glow-wire flammability index according to IEC 60695-2-12 of at least:		
	- 750 °C, for connections carrying a current exceeding 0,5 A during normal operation		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- 650 °C, for other connections		N/A
	The glow-wire test is also not carried out on small parts. These parts are to:		
	- comprise material having a glow-wire flammability index of at least 750 °C, or 650 °C as appropriate, or		N/A
	- comply with the needle-flame test of Annex E, or	(see appended table 30.2/30.4)	N/A
	- comprise material classified as V-0 or V-1 according to IEC 60695-11-10.....:		N/A
	Glow-wire test not applicable to conditions as specified.....:		N/A
30.2.3	Appliances operated while unattended, tested as specified in 30.2.3.1 and 30.2.3.2		P
	The tests are not applicable to conditions as specified.....:		N/A
30.2.3.1	Parts of non-metallic material supporting connections carrying a current exceeding 0,2 A during normal operation, and		P
	parts of non-metallic material, other than small parts, within a distance of 3 mm,		P
	subjected to the glow-wire test of IEC 60695-2-11 with a test severity of 850 °C	(see appended table 30.2)	P
	Glow-wire applied to an interposed shielding material, if relevant		N/A
	The glow-wire test is not carried out on parts of material classified as having a glow-wire flammability index according to IEC 60695-2-12 of at least 850 °C		P
30.2.3.2	Parts of non-metallic material supporting connections, and		P
	parts of non-metallic material within a distance of 3mm,		P
	subjected to the glow-wire test of IEC 60695-2-11 with appropriate severity level:	(see appended table 30.2)	P
	- 750 °C, for connections carrying a current exceeding 0,2 A during normal operation		P
	- 650 °C, for other connections		P
	Glow-wire applied to an interposed shielding material, if relevant		N/A
	However, the glow-wire test of 750 °C or 650 °C as appropriate, is not carried out on parts of material fulfilling both or either of the following classifications:		

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	- a glow-wire ignition temperature according to IEC 60695-2-13 of at least:		N/A
	• 775 °C, for connections carrying a current exceeding 0,2 A during normal operation		N/A
	• 675 °C, for other connections		N/A
	- a glow-wire flammability index according to IEC 60695-2-12 of at least:		N/A
	- 750 °C, for connections carrying a current exceeding 0,2 A during normal operation		P
	- 650 °C, for other connections		N/A
	The glow-wire test is also not carried out on small parts. These parts are to:		
	- comprise material having a glow-wire ignition temperature of at least 775 °C or 675 °C as appropriate, or		N/A
	- comprise material having a glow-wire flammability index of at least 750 °C or 650 °C as appropriate, or		N/A
	- comply with the needle-flame test of Annex E, or		N/A
	- comprise material classified as V-0 or V-1 according to IEC 60695-11-10		N/A
	The consequential needle-flame test of Annex E applied to non-metallic parts that encroach within the vertical cylinder placed above the centre of the connection zone and on top of the non-metallic parts supporting current-carrying connections, and parts of non-metallic material within a distance of 3 mm of such connections if these parts are those:		
	- parts that withstood the glow-wire test of IEC 60695-2-11 of 750 °C or 650 °C as appropriate, but produce a flame that persist longer than 2 s, or		N/A
	- parts that comprised material having a glow-wire flammability index of at least 750 °C or 650 °C as appropriate, or		N/A
	- small parts, that comprised material having a glow-wire flammability index of at least 750 °C or 650 °C as appropriate, or		N/A
	- small parts for which the needle-flame test of Annex E was applied, or		N/A
	- small parts for which a material classification of V-0 or V-1 was applied		N/A
	However, the consequential needle-flame test is not carried out on non-metallic parts, including small parts, within the cylinder that are:		
	- parts having a glow-wire ignition temperature of at least 775 °C or 675 °C as appropriate, or		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	- parts comprising material classified as V-0 or V-1 according to IEC 60695-11-10, or		N/A
	- parts shielded by a flame barrier that meets the needle-flame test of Annex E or that comprises material classified as V-0 or V-1 according to IEC 60695-11-10		N/A
30.2.4	Base material of printed circuit boards subjected to the needle-flame test of Annex E	(see appended table 30.2/30.4)	N/A
	Test not applicable to conditions as specified .....:	PCB V0	P
31	**RESISTANCE TO RUSTING**		
	Relevant ferrous parts adequately protected against rusting		P
	For ovens intended for use on board ships compliance is checked by the salt mist test Kb of IEC 60068-2-52 (IEC 60335-2-6)		
	– for open deck use severity 1 is applicable;		N/A
	– for dayrooms use severity 2 is applicable.		N/A
	After the test, the appliance shall not have deteriorated to such an extent that compliance with this standard, in particular with Clauses 8 and 27, is impaired. (IEC 60335-2-6)		N/A
	The coating shall not be broken and shall not have detached from the metal surface. (IEC 60335-2-6)		N/A
32	**RADIATION, TOXICITY AND SIMILAR HAZARDS**		
	Appliance does not emit harmful radiation or present a toxic or similar hazard due to their operation in normal use		P
	Compliance is checked by the limits or tests specified in part 2, if relevant		N/A
32.101	Pyrolytic self-cleaning ovens shall be constructed so that the carbon monoxide is not discharged in hazardous quantities during cleaning (IEC 60335-2-6)		N/A
A	**ANNEX A (INFORMATIVE) ROUTINE TESTS**		
	Description of routine tests to be carried out by the manufacturer		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
B	**ANNEX B (NORMATIVE)** **APPLIANCES POWERED BY RECHARGEABLE BATTERIES THAT ARE RECHARGED IN THE APPLIANCE**		
	The following modifications to this standard are applicable for appliances powered by batteries that are recharged in the appliance		N/A
	Three forms of construction covered:		
	a) Appliance supplied directly from the supply mains or a renewable energy source, the battery charging circuitry and other supply unit circuitry incorporated within the appliance		N/A
	b) The part of the appliance incorporating the battery is supplied from the supply mains or a renewable energy source, via a detachable supply unit. The battery charging circuitry is incorporated within the part of the appliance containing the battery		N/A
	c) The part of the appliance incorporating the battery is supplied from the supply mains or a renewable energy source, via a detachable supply unit. The battery charging circuitry is incorporated within the detachable supply unit		N/A
3.1.9	Appliance operated under the following conditions:		
	- the appliance, supplied by its fully charged battery, operated as specified in relevant part 2		N/A
	- the battery is charged, the battery being initially discharged to such an extent that the appliance cannot operate		N/A
	-if possible, the appliance is supplied from the supply mains through its battery charger, the battery being initially discharged to such an extent that the appliance cannot operate. The appliance is operated as specified in relevant part 2		N/A
	- if the appliance incorporates inductive coupling between two parts that are detachable from each other, the appliance is supplied from the supply mains with the detachable part removed		N/A
3.6.2	Part to be removed in order to discard the battery is not considered to be detachable		N/A
5.B.101	Appliances supplied from the supply mains tested as specified for motor-operated appliances		N/A
7.1	Battery compartment for batteries intended to be replaced by the user, marked with battery voltage (V) and polarity of the terminals ....:		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	The positive terminal indicated by symbol IEC 60417-5005 and the negative terminal by symbol IEC 60417-5006		N/A
	Appliances intending to be supplied from a detachable supply unit marked with symbol IEC 60417-6181 and its type reference along with symbol ISO 7000-0790 (2004-01), or		N/A
	use only with <model designation> supply unit ... .:		N/A
7.6	Additional symbols		N/A
7.12	The instructions give information regarding charging		N/A
	The instructions for appliances incorporating batteries intended to be replaced by the user includes required information		N/A
	Instructions for appliances containing non user-replaceable batteries state the substance of the following:		
	This appliance contains batteries that are only replaceable by skilled persons		N/A
	Instructions for appliances containing non-replaceable batteries shall state the substance of the following:		N/A
	This appliance contains batteries that are non-replaceable		
	WARNING: For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance		N/A
	If the symbol for detachable supply unit is used, its meaning is explained		N/A
7.15	Markings placed on the part of the appliance connected to the supply mains		N/A
	The type reference of the detachable supply unit is placed in close proximity to the symbol		N/A
8.2	Appliances having batteries that according to the instruction may be replaced by the user need only have basic insulation between live parts and the inner surface of the battery compartment		N/A
	If the appliance can be operated without batteries, double or reinforced insulation required		N/A
11.7	The battery is charged for the period stated in the instructions or 24 h.....:		N/A
11.8	Temperature rise of the battery surface does not exceed the limit in the battery manufacturer's specification; measured (K); limit (K).....:		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	If no limit specified, the temperature rise does not exceed 20 K; measured (K) .....:		N/A
19.1	Appliances subjected to tests of 19.B.101, 19.B.102 and 19.B.103		N/A
19.10	Not applicable		N/A
19.B.101	Appliances supplied at rated voltage for 168 h, the battery being continually charged		N/A
19.B.102	For appliances having batteries that can be removed without the aid of a tool, short-circuit of the terminals of the battery, the battery being fully charged,		N/A
19.B.103	Appliances having batteries replaceable by the user supplied at rated voltage under normal operation with the battery removed or in any position allowed by the construction		N/A
19.13	The battery does not rupture or ignite		N/A
21.B.101	Appliances having pins for insertion into socket-outlets have adequate mechanical strength		N/A
	Part of the appliance incorporating the pins subjected to the free fall test, procedure 2, of IEC 60068-2-31, the number of falls being:		
	- 100, if the mass of the part does not exceed 250 g (g).....:		N/A
	- 50, if the mass of the part exceeds 250 g .....:		N/A
	After the test, the requirements of 8.1, 15.1.1, 16.3 and clause 29 are met		N/A
22.3	Appliances having pins for insertion into socket-outlets tested as fully assembled as possible		N/A
25.13	An additional lining or bushing not required for interconnection cords in class III appliances or class III constructions operating at safety extra-low voltage not containing live parts		N/A
30.2	For parts of the appliance connected to the supply mains during the charging period, 30.2.3 applies		N/A
	For other parts, 30.2.2 applies		N/A
C	**ANNEX C (NORMATIVE) AGEING TEST ON MOTORS**		
	Tests, as described, carried out when doubt with regard to the temperature classification of the insulation of a motor winding		N/A
	Test conditions as specified		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
D	**ANNEX D (NORMATIVE) THERMAL MOTOR PROTECTORS**		
	Applicable to appliances having motors that incorporate thermal motor protectors necessary for compliance with the standard		N/A
	Test conditions as specified		N/A
E	**ANNEX E (NORMATIVE) NEEDLE-FLAME TEST**		
	Needle-flame test carried out in accordance with IEC 60695-11-5, with the following modifications:		
7	Severities		
	The duration of application of the test flame is 30 s ± 1 s		N/A
9	Test procedure		
9.1	The specimen so arranged that the flame can be applied to a vertical or horizontal edge as shown in the examples of Figure 1		N/A
9.2	The first paragraph does not apply		N/A
	If possible, the flame is applied at least 10 mm from a corner		N/A
9.3	The test is carried out on one specimen		N/A
	If the specimen does not withstand the test, the test may be repeated on two additional specimens, both withstanding the test		N/A
11	Evaluation of test results		
	The duration of burning not exceeding 30 s		N/A
	However, for printed circuit boards, the duration of burning not exceeding 15 s		N/A
F	ANNEX F (NORMATIVE) CAPACITORS		
	Capacitors likely to be permanently subjected to the supply voltage, and used for radio interference suppression or voltage dividing, comply with the following clauses of IEC 60384-14, with the following modifications:		
1.5	Terms and definitions		
1.5.3	Class X capacitors tested according to subclass X2		N/A
1.5.4	This subclause is applicable		N/A
1.6	Marking		
	Items a) and b) are applicable		N/A
3.4	Approval testing		

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Clause	Requirement + Test	Result - Remark	Verdict
3.4.3.2	Table 3 is applicable as described		N/A
4.1	Visual examination and check of dimensions		
	This subclause is applicable		N/A
4.2	Electrical tests		
4.2.1	This subclause is applicable		N/A
4.2.5	This subclause is applicable		N/A
4.2.5.2	Only table 11 is applicable		N/A
	Values for test A apply		N/A
	However, for capacitors in heating appliances the values for test B or C apply		N/A
4.12	Damp heat, steady state		
	This subclause is applicable		N/A
	Only insulation resistance and voltage proof are checked		N/A
4.13	Impulse voltage		
	This subclause is applicable		N/A
4.14	Endurance		
	Subclauses 4.14.1, 4.14.3, 4.14.4 and 4.14.7 are applicable		N/A
4.14.7	Only insulation resistance and voltage proof are checked		N/A
	No visible damage		N/A
4.17	Passive flammability test		
	This subclause is applicable		N/A
4.18	Active flammability test		
	This subclause is applicable		N/A
G	**ANNEX G (NORMATIVE)** **SAFETY ISOLATING TRANSFORMERS**		
	The following modifications to this standard are applicable for safety isolating transformers:		
7	Marking and instructions		
7.1	Transformers for specific use marked with:		
	-name, trademark or identification mark of the manufacturer or responsible vendor .....:		N/A
	-model or type reference .....:		N/A
17	Overload protection of transformers and associated circuits		

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Fail-safe transformers comply with subclause 15.5 of IEC 61558-1		N/A
22	Construction		
	Subclauses 19.1 and 19.1.2 of IEC 61558-2-6 are applicable		N/A
29	Clearances, creepage distances and solid insulation		
29.1, 29.2, 29.3	The distances specified in items 2a, 2c and 3 in table 13 of IEC 61558-1 apply		N/A
	For insulated winding wires complying with subclause 19.12.3 of IEC 61558-1 there are no requirements for clearances or creepage distances		N/A
	For windings providing reinforced insulation, the distance specified in item 2c of table 13 of IEC 61558-1 is not assessed		N/A
	For safety isolating transformers subjected to periodic voltages with a frequency exceeding 30 kHz, the clearances, creepage distances and solid insulation values specified in IEC 60664-4 are applicable, if greater than the values specified in items 2a, 2c and 3 in table 13 of IEC 61558-1		N/A
H	**ANNEX H (NORMATIVE) SWITCHES**		
	Switches comply with the following clauses of IEC 61058-1, as modified below:		
	The tests of IEC 61058-1 carried out under the conditions occurring in the appliance		N/A
	Before being tested, switches are operated 20 times without load		N/A
8	Marking and documentation		
	Switches are not required to be marked		N/A
	However, a switch that can be tested separately from the appliance marked with the manufacturer's name or trade mark and the type reference		N/A
13	Mechanism		
	The tests may be carried out on a separate sample		N/A
15	Insulation resistance and dielectric strength		
15.1	Not applicable		N/A
15.2	Not applicable		N/A
15.3	Applicable for full disconnection and micro-disconnection		N/A
17	Endurance		

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Clause	Requirement + Test	Result - Remark	Verdict
	Compliance is checked on three separate appliances or switches		N/A
	For 17.2.4.4, the number of cycles declared according to 7.1.4 is 10 000, unless		N/A
	otherwise specified in 24.1.3 of the relevant part 2 of IEC 60335.....:		N/A
	Switches for operation under no load and which can be operated only by a tool, and		N/A
	switches operated by hand that are interlocked so that they cannot be operated under load,		N/A
	are not subjected to the tests		N/A
	However, switches without this interlock are subjected to the test of 17.2.4.4 for 100 cycles of operation		N/A
	Subclauses 17.2.2 and 17.2.5.2 not applicable		N/A
	The ambient temperature during the test is that occurring in the appliance during the test of Clause 11 in IEC 60335-1		N/A
	The temperature rise of the terminals not more than 30 K above the temperature rise measured in clause 11 of IEC 60335-1 (K).....:		N/A
20	Clearances, creepage distances, solid insulation and coatings of rigid printed board assemblies		
	Clause 20 is applicable to clearances across full disconnection and micro-disconnection		N/A
	It is also applicable to creepage distances for functional insulation, across full disconnection and micro-disconnection, as stated in Table 24		N/A
I	**ANNEX I (NORMATIVE) MOTORS HAVING BASIC INSULATION THAT IS INADEQUATE FOR THE RATED VOLTAGE OF THE APPLIANCE**		
	The following modifications to this standard are applicable for motors having basic insulation that is inadequate for the rated voltage of the appliance:		
8	Protection against access to live parts		
8.1	Metal parts of the motor are considered to be bare live parts		N/A
11	Heating		
11.3	The temperature rise of the body of the motor is determined instead of the temperature rise of the windings		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
11.8	The temperature rise of the body of the motor, where in contact with insulating material, not exceeding values in table 3 for the relevant insulating material		N/A
16	Leakage current and electric strength		
16.3	Insulation between live parts of the motor and its other metal parts is not subjected to the test		N/A
19	Abnormal operation		
19.1	The tests of 19.7 to 19.9 are not carried out		N/A
19.I.101	Appliance operated at rated voltage with each of the following fault conditions:		
	- short circuit of the terminals of the motor, including any capacitor incorporated in the motor circuit		N/A
	- short circuit of each diode of the rectifier		N/A
	- open circuit of the supply to the motor		N/A
	- open circuit of any parallel resistor, the motor being in operation		N/A
	Only one fault simulated at a time, the tests carried out consecutively		N/A
22	Construction		
22.I.101	For class I appliances incorporating a motor supplied by a rectifier circuit, the d.c. circuit being insulated from accessible parts of the appliance by double or reinforced insulation		N/A
	Compliance checked by the tests specified for double and reinforced insulation		N/A
J	**ANNEX J (NORMATIVE)** **COATED PRINTED CIRCUIT BOARDS**		
	Testing of protective coatings of printed circuit boards carried out in accordance with IEC 60664-3 with the following modifications:		
5.7	Conditioning of the test specimens		
	When production samples are used, three samples of the printed circuit board are tested		N/A
5.7.1	Cold		
	The test is carried out at -25 °C		N/A
5.7.3	Rapid change of temperature		
	Severity 1 is specified		N/A
5.9	Additional tests		
	This subclause is not applicable		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
K	**ANNEX K (NORMATIVE) OVERVOLTAGE CATEGORIES**		
	The information on overvoltage categories is extracted from IEC 60664-1		P
	Overvoltage category is a numeral defining a transient overvoltage condition		P
	Equipment of overvoltage category IV is for use at the origin of the installation		N/A
	Equipment of overvoltage category III is equipment in fixed installations and for cases where the reliability and the availability of the equipment is subject to special requirements		N/A
	Equipment of overvoltage category II is energy consuming equipment to be supplied from the fixed installation		P
	If such equipment is subjected to special requirements with regard to reliability and availability, overvoltage category III applies		N/A
	Equipment of overvoltage category I is equipment for connection to circuits in which measures are taken to limit transient overvoltages to an appropriate low level		N/A
L	**ANNEX L (INFORMATIVE) GUIDANCE FOR THE MEASUREMENT OF CLEARANCES AND CREEPAGE DISTANCES**		
	Information for the determination of clearances and creepage distances		P
M	**ANNEX M (NORMATIVE) POLLUTION DEGREE**		
	The information on pollution degrees is extracted from IEC 60664-1		P
	Pollution		
	The microenvironment determines the effect of pollution on the insulation, taking into account the macroenvironment		P
	Means may be provided to reduce pollution at the insulation by effective enclosures or similar		P
	Minimum clearances specified where pollution may be present in the microenvironment		P
	Degrees of pollution in the microenvironment		
	For evaluating creepage distances, the following degrees of pollution in the microenvironment are established:		

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Clause	Requirement + Test	Result - Remark	Verdict
	- pollution degree 1: no pollution or only dry, non-conductive pollution occurs. The pollution has no influence		N/A
	- pollution degree 2: only non-conductive pollution occurs, except that occasionally a temporary conductivity caused by condensation is to be expected		N/A
	- pollution degree 3: conductive pollution occurs or dry non-conductive pollution occurs that becomes conductive due to condensation that is to be expected		P
	- pollution degree 4: the pollution generates persistent conductivity caused by conductive dust or by rain or snow		N/A
N	**ANNEX N (NORMATIVE)** **PROOF TRACKING TEST**		
	The proof tracking test is carried out in accordance with IEC 60112 with the following modifications:		
7	Test apparatus		
7.3	Test solutions		
	Test solution A is used		P
10	Determination of proof tracking index (PTI)		
10.1	Procedure		
	The proof voltage is 100V, 175V, 400V or 600V...:	175	P
	The test is carried out on five specimens		P
	In case of doubt, additional test with proof voltage reduced by 25V, the number of drops increased to 100		N/A
10.2	Report		
	The report states if the PTI value was based on a test using 100 drops with a test voltage of (PTI-25) V		P
O	**ANNEX O (INFORMATIVE)** **SELECTION AND SEQUENCE OF THE TESTS OF CLAUSE 30**		
	Description of tests for determination of resistance to heat and fire		P
P	**ANNEX P (INFORMATIVE)** **GUIDANCE FOR THE APPLICATION OF THIS STANDARD TO APPLIANCES USED IN TROPICAL CLIMATES**		

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Modifications applicable for class 0 and 01 appliances having a rated voltage exceeding 150V, intended to be used in countries having a tropical climate and that are marked with symbol IEC 60417-6332		
	Modifications may also be applied to class 1 appliances having a rated voltage exceeding 150V, intended to be used in countries having a tropical climate and that are marked with symbol IEC 60417-6332, if liable to be connected to a supply mains that excludes the protective earthing conductor		
5.7	The ambient temperature for the tests of clauses 11 and 13 is 40 +3/0 °C		N/A
7.1	The appliance marked with the letters with symbol IEC 60417-6332		N/A
7.12	The instructions state that the appliance is to be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA		N/A
	The instructions state that the appliance is considered to be suitable for use in countries having a warm damp equable climate, but may also be used in other countries		N/A
	If symbol IEC 60417-6332 is used, its meaning is explained		N/A
11.8	The values of Table 3 are reduced by 15 K		N/A
13.2	The leakage current for class I appliances not exceeding 0,5 mA		N/A
15.3	The value of t is 37 °C		N/A
16.2	The leakage current for class I appliances not exceeding 0,5 mA (mA):		N/A
19.13	The leakage current test of 16.2 is applied in addition to the electric strength test of 16.3		N/A
Q	**ANNEX Q (INFORMATIVE)** **SEQUENCE OF TESTS FOR THE EVALUATION OF ELECTRONIC CIRCUITS**		
	Description of tests for appliances incorporating electronic circuits		N/A
R	**ANNEX R (NORMATIVE)** **SOFTWARE EVALUATION**		
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2 validated in accordance with the requirements of this annex		N/A
R.1	Programmable electronic circuits using software		

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2 constructed so that the software does not impair compliance with the requirements of this standard		N/A
R.2	Requirements for the architecture		
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2 use measures to control and avoid software-related faults/errors in safety-related data and safety-related segments of the software		N/A
R.2.1.1	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.2 have one of the following structures:		
	- single channel with periodic self-test and monitoring		N/A
	- dual channel (homogenous) with comparison		N/A
	- dual channel (diverse) with comparison		N/A
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 have one of the following structures:		
	- single channel with functional test		N/A
	- single channel with periodic self-test		N/A
	- dual channel without comparison		N/A
R.2.2	Measures to control faults/errors		
R.2.2.1	When redundant memory with comparison is provided on two areas of the same component, the data in one area is stored in a different format from that in the other area		N/A
R.2.2.2	Programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.2 and that use dual channel structures with comparison, have additional fault/error detection means for any fault/errors not detected by the comparison		N/A
R.2.2.3	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2, means are provided for the recognition and control of errors in transmissions to external safety-related data paths		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
R.2.2.4	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2, the programmable electronic circuits incorporate measures to address the fault/errors in safety-related segments and data indicated in table R.1 and R.2 as appropriate		N/A
R.2.2.5	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in Table R.1 or Table R.2, detection of a fault/error shall occur before compliance with Clause 19 and subclauses 22.123, 22.124, 22.134 and 32.101 is impaired. (IEC 60335-2-6)		N/A
R.2.2.6	The software is referenced to relevant parts of the operating sequence and the associated hardware functions		N/A
R.2.2.7	Labels used for memory locations are unique		N/A
R.2.2.8	The software is protected from user alteration of safety-related segments and data		N/A
R.2.2.9	The software and safety-related hardware under its control shall be initialized and shall terminate before compliance with Clause 19 and subclauses 22.123, 22.124, 22.134 and 32.101 is impaired. (IEC 60335-2-6)		N/A
R.3	Measures to avoid errors		
R.3.1	General		
	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2, the following measures to avoid systematic fault in the software are applied		
	Software that incorporates measures used to control the fault/error conditions specified in table R.2 is inherently acceptable for software required to control the fault/error conditions specified in table R.1		N/A
R.3.2	Specification		
R.3.2.1	Software safety requirements:	Software Id:	N/A
	The specification of the software safety requirements includes the descriptions listed		N/A
R.3.2.2	Software architecture		

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
R.3.2.2.1	The specification of the software architecture includes the aspects listed - techniques and measures to control software faults/errors (refer to R.2.2); - interactions between hardware and software; - partitioning into modules and their allocation to the specified safety functions; - hierarchy and call structure of the modules (control flow); - interrupt handling; - data flow and restrictions on data access; - architecture and storage of data; - time-based dependencies of sequences and data	Document ref. No:	N/A
R.3.2.2.2	The architecture specification is validated against the specification of the software safety requirements by static analysis		N/A
R.3.2.3	Module design and coding		
R.3.2.3.1	Based on the architecture design, software is suitably refined into modules		N/A
	Software module design and coding is implemented in a way that is traceable to the software architecture and requirements		N/A
R.3.2.3.2	Software code is structured		N/A
R.3.2.3.3	Coded software is validated against the module specification by static analysis		N/A
	The module specification is validated against the architecture specification by static analysis		N/A
R.3.3.3	Software validation		
	The software is validated with reference to the requirements of the software safety requirements specification		N/A
	Compliance is checked by simulation of:		
	- input signals present during normal operation		N/A
	- anticipated occurrences		N/A
	- undesired conditions requiring system action		N/A

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Clause	Requirement + Test	Result - Remark	Verdict

TABLE R.1 [e] – GENERAL FAULT/ERROR CONDITIONS

Component [a]	Fault/error	Acceptable measures [b, c]	Definitions	Document reference for applied measure	Document reference for applied test	Ver-dict
1 CPU 1.1 Registers	Stuck at	Functional test, or periodic self-test using either: - static memory test, or - word protection with single bit redundancy	H.2.16.5 H.2.16.6 H.2.19.6 H.2.19.8.2			N/A
1.2 VOID						N/A
1.3 Programme counter	Stuck at	Functional test, or Periodic self-test, or Independent time-slot monitoring, or Logical monitoring of the programme sequence	H.2.16.5 H.2.16.6 H.2.18.10.4 H.2.18.10.2			N/A
2 Interrupt handling and execution	No interrupt or too frequent interrupt	Functional test, or time-slot monitoring	H.2.16.5 H.2.18.10.4			N/A
3 Clock	Wrong frequency (for quartz synchronized clock: harmonics/ sub-harmonics only)	Frequency monitoring, or time slot monitoring	H.2.18.10.1 H.2.18.10.4			N/A
4. Memory 4.1 Invariable memory	All single bit faults	Periodic modified checksum, or multiple checksum, or word protection with single bit redundancy	H.2.19.3.1 H.2.19.3.2 H.2.19.8.2			N/A
4.2 Variable memory	DC fault	Periodic static memory test, or word protection with single bit redundancy	H.2.19.6 H.2.19.8.2			N/A

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Clause	Requirement + Test	Result - Remark	Verdict

4.3 Addressing (relevant to variable and invariable memory)	Stuck at	Word protection with single bit redundancy including the address	H.2.19.8.2			N/A
5 Internal data path	Stuck at	Word protection with single bit redundancy	H.2.19.8.2			N/A
5.1 VOID						N/A
5.2 Addressing	Wrong address	Word protection with single bit redundancy including the address	H.2.19.8.2			N/A
6 External communication	Hamming distance 3	Word protection with multi-bit redundancy, or CRC – single work, or Transfer redundancy, or Protocol test	H.2.19.8.1 H.2.19.4.1 H.2.18.2.2 H.2.18.14			N/A
6.1 VOID						N/A
6.2 VOID						N/A
6.3 Timing	Wrong point in time	Time-slot monitoring, or scheduled transmission Time-slot and logical monitoring, or comparison of redundant communication channels by either: - reciprocal comparison - independent hardware comparator	H.2.18.10.4 H.2.18.18 H.2.18.10.3 H.2.18.15 H.2.18.3			N/A
	Wrong sequence	Logical monitoring, or time-slot monitoring, or Scheduled transmission	H.2.18.10.2 H.2.18.10.4 H.2.18.18			
7 Input/output periphery	Fault conditions specified in 19.11.2	Plausibility check	H.2.18.13			N/A
7.1 VOID						N/A

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Clause	Requirement + Test	Result - Remark	Verdict

7.2 Analog I/O 7.2.1 A/D and D/A-converter	Fault conditions specified in 19.11.2	Plausibility check	H.2.18.13			N/A
7.2.2 Analog multiplexer	Wrong addressing	Plausibility check	H.2.18.13			N/A
8 VOID						N/A
9 Custom chips [d] e.g. ASIC, GAL, gate array	Any output outside the static and dynamic functional specification	Periodic self-test	H.2.16.6			N/A
NOTE A Stuck-at fault model denotes a fault model representing an open circuit or a non-varying signal level. A DC fault model denotes a stuck-at fault model incorporating short circuit between signal lines.						
[a] For fault/error assessment, some components are divided into their sub-functions. [b] For each sub-function in the table, the Table R.2 measure will cover the software fault/error. [c] Where more than one measure is given for a sub-function, these are alternatives. [d] To be divided as necessary by the manufacturer into sub-functions. [e] Table R.1 is applied according to the requirements of R.1 to R.2.2.9 inclusive.						

S	**ANNEX S (NORMATIVE)** **BATTERY OPERATED APPLIANCES POWERED BY BATTERIES THAT ARE NON-RECHARGEABLE OR NOT RECHARGED IN THE APPLIANCE**		
	The following modifications to this standard are applicable for battery-operated appliances where the batteries are either non-rechargeable (primary batteries), or		N/A
	rechargeable batteries (secondary batteries) that are not recharged in the appliance		N/A
5.8.1	If the supply terminals for the connection of the battery have no indication of polarity, the more unfavourable polarity is applied		N/A
5.S.101	Appliances intended for use with a battery box are tested with the battery box supplied with the appliance or with the battery box recommended in the instructions		N/A
5.S.102	Appliances are tested as motor-operated appliances.		N/A
7.1	Appliances marked with the battery voltage (V) and the polarity of the terminals, unless ....:		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	the polarity is irrelevant		N/A
	Appliances also marked with:		
	– name, trade mark or identification mark of the manufacturer or responsible vendor..... .....:		N/A
	– model or type reference ....:		N/A
	– IP number according to degree of protection against ingress of water, other than IPX0.. .....:		N/A
	– type reference of battery or batteries..... .....:		N/A
	If relevant, the positive terminal is indicated by the symbol IEC 60417-5005 and the negative terminal by the symbol IEC 60417-5006		N/A
	If appliances use more than one battery, they are marked to indicate correct polarity connection of the batteries		N/A
7.6	Additional symbols		N/A
7.12	The instructions contain the following, as applicable:		
	– the types of batteries that may be used.. .....:		N/A
	– how to remove and insert the batteries		N/A
	– non-rechargeable batteries are not to be recharged		N/A
	– rechargeable batteries are to be removed from the appliance before being charged		N/A
	– different types of batteries or new and used batteries are not to be mixed		N/A
	– batteries are to be inserted with the correct polarity		N/A
	– exhausted batteries are to be removed from the appliance and safely disposed of		N/A
	– if the appliance is to be stored unused for a long period, the batteries are removed		N/A
	– the supply terminals are not to be short-circuited		N/A
11.5	Appliances are supplied with the most unfavourable supply voltage between		
	– 0,55 and 1,0 times the battery voltage, if the appliance can be used with non-rechargeable batteries		N/A
	– 0,75 and 1,0 times battery voltage, if the appliance is designed for use with rechargeable batteries only		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	The values specified in Table S.101 for the internal resistance per cell of the battery is taken into account		N/A
19.1	The tests are carried out with the battery fully charged unless otherwise specified		N/A
19.13	The battery does not rupture or ignite		N/A
19.S.101	Appliances are supplied with the voltage specified in 11.5. The supply terminals having an indication of polarity are connected to the opposite polarity, unless		N/A
	such a connection is unlikely to occur due to the construction of the appliance		N/A
19.S.102	For appliances with provision for multiple batteries, one or more of the batteries are reversed and the appliance is operated, if reversal of batteries is allowed by the construction		N/A
25.5	The flexible leads or flexible cord used to connect an external battery or battery box in is connected to the appliance by a type X attachment		N/A
25.13	This requirement is not applicable to the flexible leads or flexible cord connecting external batteries or a battery box with an appliance		N/A
25.S.101	Appliances have suitable means for connection of the battery. If the type of battery is marked on the appliance, the means of connection is suitable for this type of battery		N/A
26.5	Terminal devices in an appliance for the connection of the flexible leads or flexible cord connecting an external battery or battery box are so located or shielded that there is no risk of accidental connection between supply terminals		N/A
30.2.3.2	There is no battery in the area of the vertical cylinder used for the consequential needle flame test, unless		N/A
	the battery is shielded by a barrier that meets the needle flame test of Annex E, or		N/A
	that comprises material classified as V-0 or V-1 according to IEC 60695-11-10		N/A
T	**ANNEX T (NORMATIVE)** **UV-C RADIATION EFFECT ON NON-METALLIC MATERIALS**		
	Requirements for non-metallic materials subject to direct or reflected UV-C radiation exposure and whose mechanical and electrical properties are relied upon for compliance with the		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Does not apply to glass, ceramic and similar materials		N/A
	Tested as specified in ISO 4892-1 and ISO 4892-2, with the following modifications:		
	Modifications to ISO 4892-1:		
5.1.6	The UV-C emitter is a low pressure mercury lamp with a quartz envelope having a continuous spectral irradiance of 10 W/m2 at 254 nm		N/A
	Subclause 5.1.6.1 and Table 1 are not applicable		N/A
5.2.4	The black-panel temperature shall be 63 °C +/- 3 °C		N/A
5.3.1	Humidification of the chamber air is specified in part 2 when necessary		N/A
9	This clause is not applicable		N/A
	Modifications to ISO 4892-2:		
7.1	At least three test specimens are tested		N/A
	Ten samples of internal wiring is tested		N/A
7.2	The specimens are attached to the specimen holders such that they are not subject to any stress		N/A
7.3	Apparatus prepared as specified		N/A
	The test specimens and, if used, the irradiance-measuring instrument are exposed for 1 000 h		N/A
7.4	If used, a radiometer is mounted and calibrated such that it measures the irradiance at the exposed surface of the test specimen		N/A
7.5	Material properties and test methods for parts providing mechanical support or impact resistance as specified in Table T.1		N/A
	Material properties and test method for electrical insulation of internal wiring as specified in Table T.2		N/A
8	This clause is not applicable		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

10.1	TABLE: Power input deviation				P
Input deviation of/at:	**P rated (W)**	**P measured (W)**	**Δ P**	**Required Δ P**	**Remark**
MFT1 6049NERBB					
Hotplate		1498			info
Hotplate		2010			info
Turbo Fan and heater		2180			info
Grill heater		1990			info
Top heater		987			info
Bottom heater		1150			info
Total	9200	9130	% - 0,8	-10%/+5%	Pass
MFT1 5049NERBB					
Hotplate		1510			info
Hotplate		1980			info
Turbo Fan and heater		1720			info
Grill heater		1480			info
Top heater		810			info
Bottom heater		975			info
Total	8800	8715	% -1	-10%/+5%	Pass
MFT1 6049NECBB					
Highlight		1220			info
Highlight		1790			info
Turbo Fan and heater		2180			info
Grill heater		1980			info
Top heater		970			info
Bottom heater		1160			info
Total	8200	8095	-1,3%	-10%/+5%	Pass
MFP1-6046IECIM	8200	8120	-1%	-10%/+5%	Pass
Supplementary information:					

10.2	TABLE: Current deviation	N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

Current deviation of/at:	I rated (A)	I measured (A)	Δ I	Required Δ I	Remark
Supplementary information:					

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

11.7	TABLE: heating temperature specifications		P
Test step n°/ function	**Temperature**	**Duration**	
1. All Hobs + Turbo Fan and heating element	220°C	60min	MFT1 6049NERBB
2. All Hobs + Grill heating element and fan	190°C	60min	MFT1 6049NERBB
3. All Hobs + Top heating element	190°C	60min	MFT1 6049NERBB
4. All Hobs + Top, Bottom heating element and fan	220°C	60min	MFT1 6049NERBB
5. All Hobs + Top and Bottom heating element	240°C	60min	MFT1 6049NERBB
6. All Hobs + Turbo Fan and heating element	220°C	60min	MFT1 5049NERBB
7. All Hobs + Grill heating element and fan	190°C	60min	MFT1 5049NERBB
8. All Hobs + Top heating element	190°C	60min	MFT1 5049NERBB
9. All Hobs + Top, Bottom heating element and fan	220°C	60min	MFT1 5049NERBB
10. All Hobs + Top and Bottom heating element	240°C	60min	MFT1 5049NERBB
11. All Hobs + Turbo Fan and heating element	220°C	60min	MFT1 6049NECBB (vitroceramic)
12. All Hobs + Grill heating element and fan	190°C	60min	MFT1 6049NECBB (vitroceramic)
13. All Hobs + Top heating element	190°C	60min	MFT1 6049NECBB (vitroceramic)
14. All Hobs + Top, Bottom heating element and fan	220°C	60min	MFT1 6049NECBB (vitroceramic)
15. All Hobs + Top and Bottom heating element	240°C	60min	MFT1 6049NECBB (vitroceramic)
16. All Hobs + Top and Bottom heating element	220°C	60min	MFP1-6046IECIM
17. All Hobs + Top, Bottom heating element and fan	190°C	60min	MFP1-6046IECIM
18. All Hobs + Turbo Fan and heating element	190°C	60min	MFP1-6046IECIM
19. All Hobs + Grill heating element and fan	240°C	60min	MFP1-6046IECIM
See user manual. The instructions for grills incorporated in ovens specify a lower setting is used. (190°C)			

11.8	**TABLE: Heating test, thermocouples**	**P**

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	Test voltage (V) ..... :	254	—
	Ambient (°C) ..... :	22	—

Thermocouple locations	**dT (K)**					**Max. dT (K)**
	1	2	3	4	5	
MFT1 6049NERBB	11511 W	11261 W	10010 W	10197 W	11448 W	
Test corner walls	45	39	44	47	42	70
Power cord entries	24	24	21	26	24	50
Turbo fan metal	54	47	52	56	25	info
Grill motor	52	46	54	42	27	info
Internal Wire	53	64	66	44	36	105
The switch hp	50	63	82	51	46	105
Pcb timer	51	72	86	54	48	95
Terminal block	48	59	76	48	41	95
Rotary switch	50	70	84	53	49	125
Inner cable	50	71	86	52	47	105
HP 2000 wire	68	76	94	68	65	105
HP 1500 wire	76	88	94	66	68	105
Signal lamp	63	79	95	66	60	125
Thermal cut out	83	95	95	53	98	105
Knob	13	19	22	14	15	60
Oven handle	20	30	32	28	22	35

11.8	**TABLE: Heating test, thermocouples**		**P**
	Test voltage (V) ..... :	254	—
	Ambient (°C) ..... :	22	—

Thermocouple locations	**dT (K)**					**Max. dT (K)**
	6	7	8	9	10	
MFT1 5049NERBB	11011 W	10635 W	10010 W	11011 W	11011 W	
Test corner walls	40	35	42	41	40	70
Power cord entries	26	27	23	26	26	50
Turbo fan metal	51	44	53	59	21	info
metal grill motor	50	45	54	40	26	info
Internal Wire	50	61	68	42	32	105

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Clause	Requirement + Test	Result - Remark	Verdict

The switch hp	46	58	74	45	41	105
Pcb Timer	51	70	83	52	40	95
Terminal Block	47	56	70	41	39	95
Rotary switch	53	74	86	54	54	125
Cable	53	74	88	54	49	105
HP 2000 Wire	72	75	102	74	72	105
Hp 1500 Wire	70	75	99	70	71	105
Signal Lamp	60	82	93	67	62	125
Thermal Cut Out	80	91	90	56	95	105
Knob	10	18	22	14	16	60
Oven Handle	23	34	31	27	24	35
Supplementary information:						

11.8	**TABLE: Heating test, thermocouples**		**P**
	Test voltage (V) ..... :	254	—
	Ambient (°C) ..... :	22	—

Thermocouple locations	**dT (K)**					**Max. dT (K)**
	11	12	13	14	15	
MFT1 6049NECBB (vitroceramic)	10260 W	10010 W	8758 W	10260 W	10260 W	
Test corner walls	41	43	48	49	45	70
Power cord entries	26	24	26	28	21	50
Turbo fan metal	56	49	54	58	27	info
Grill motor	55	50	51	46	34	info
Internal Wire	56	62	63	48	39	105
The switch highlight	50	63	84	53	51	105
Terminal block	46	55	74	51	45	95
Rotary switch	54	68	80	47	45	125
cable	58	73	84	56	51	105
Highlight 1800 wire	74	73	90	75	63	105
Highlight 1200 wire	74	81	90	62	74	105
signal lamp	67	84	93	64	61	125
Thermal cut out	135	148	153	150	141	165

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

knob	16	17	24	16	13	60
oven the handle	21	32	31	28	24	35
Supplementary information:						

11.8	TABLE: Heating test, thermocouples					P
	Test voltage (V) ..... :	254				—
	Ambient (°C) ..... :	22				—
Thermocouple locations	**dT (K)**					**Max. dT (K)**
	16	17	18	19		
MFP1-6046IECIM (vitroceramic)	10260 W	10260 W	10260 W	8758 W		
Test corner walls	55	57	55,3	59		70
Power cord entries	39	40,4	35	39		50
Internal Wire near the oven heating element	78,3	85	76,2	78,3		105
Internal Wire near the hobs	82,5	91,4	84,7	82,5		105
Terminal block	45	51,5	44,4	45		95
Oven switch	78,5	85,3	76	78,4		100
Regulator	81	89,6	76,3	80,6		125
Thermostat	75	88,3	75,7	75		125
Thermal cut-out	79,2	90,7	78,2	79,2		165
signal lamp	81	89	76,4	81		cl.30.1
Oven lamp	219	216	201	219,2		275
knob	15	16	14	17		60
Oven handle	19	20	17	18		35
Oven cavity	252	255	236,5	234		info
Supplementary information:						

11.8	TABLE: Heating test, thermocouples					P
	Test voltage (V) ..... :	254 , 11511 W				—
	Ambient (°C) ..... :	25				—
Thermocouple locations	**dT (K)**					**Max. dT (K)**

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	MFT1-6049NERIG with Kfl-Caforre Motor	MFT1-5049NERIG Kfl-Caforre Motor	
Inner cable near the motor	58	80	105
Inner cable in the middle	59	51	105
Inner cable near the connection of motor	52	71	105
Inner cable inside of motor	69	74	105
Oven cavity	224	225	info
Supplementary information:			

11.8	**TABLE: Heating test, resistance method**					P
	Test voltage (V) ..... :			254 V		—
	Ambient, t_1 (°C) ..... :			22		—
	Ambient, t_2 (°C) ..... :			23		—
Temperature rise of winding	**R1 (Ω)**	**R2 (Ω)**	**Δ T (K)**	**Max. Δ T (K)**	**Insulation class**	
MFT1 6049NERBB						
Turbo Fan Motor	152,2	215,3	105	140	H	
Grill Motor	6,73	9,23	94	140	H	
MFT1 5049NERBB						
Turbo Fan Motor	146,8	210,3	110	140	H	
Grill Motor	6,6	8,6	77	140	H	
MFT1 6049NECBB						
Turbo Fan Motor	154,2	226,3	119	140	H	
Grill Motor	6,3	9	109	140	H	
MFT1-6049NERIG						
Fan motor KFL-CAFORRE	611,5	860	103	140	H	
MFP1-6046IECIM						
Turbo Fan Motor	415	625	129	140	H	
Grill Motor	6,3	9	109	140	H	
Supplementary information:						

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Clause	Requirement + Test	Result - Remark	Verdict

11.101	**TABLE: Temperature rise limits for surfaces**								**P**
	Ambient (°C) : 22								
	Test voltage (V) : 240 V								
Surface of MFT1 6049NERBB with three glass doors	Surfaces of appliances situated not more than 850 mm above the floor after installation				Parts situated more than 850 mm above the floor after installation				
	Front surfaces of oven door		Other parts		Front surfaces of oven door		Other parts		
	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	
Oven / upper and bottom heating element									
Bare metal	-	33	-	42	-	45	-	45	
Coated metal (metal handle)	17	37	-	49	-	55	-	55	
Coated metal (metal panel)	-	37	48	49	-	55	-	55	
Glass and ceramic (oven door)	44	46	-	56	-	60	-	60	
Plastic and plastic coating > 0,3 mm	-	51	42	62	-	65	-	65	
Supplementary information: Results evaluated according to table 102 , for Australia , Belgium ,Denmark, and New Zealand countries									

11.101	TABLE: Temperature rise limits for surfaces								P
	Ambient (°C) : 22								
	Test voltage (V) : 240 V								
Surface MFT1 6049NERBB with two glass doors	Surfaces of appliances situated not more than 850 mm above the floor after installation				Parts situated more than 850 mm above the floor after installation				
	Front surfaces of oven door		Other parts		Front surfaces of oven door		Other parts		
	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	
Oven / upper and bottom heating element									

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

Bare metal	-	40	-	45	-	45	-	45
Coated metal (metal handle)	16	45	-	55	-	55	-	55
Coated metal (metal panel)	-	45	47	55	-	55	-	55
Glass and ceramic (oven door)	45	55	-	60	-	60	-	60
Plastic and plastic coating > 0,3 mm	-	60	42	65	-	65	-	65
Supplementary information: Results evaluated according to table 103 , for Czech Republic, Finland Germany, Netherlands, Norway, Sweden, Switzerland, Turkey and United Kingdom countries								

11.101	TABLE: Temperature rise limits for surfaces				P
	Ambient (°C) : 22				
	Test voltage (V) : 240 V				
Surface MFT1 6049NERBB with two glass door	Temperature rise K				
	Front surfaces of oven door		Other parts		
	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	
Oven / upper and bottom heating element					
Metal and painted metal (metal handle)	16	45	-	60	
Metal and painted metal (metal panel)	-	45	47	60	
Vitreous- enamelled metal	-	50	-	65	
Glass and ceramic (oven door)	45	60	-	80	
Plastic having a thickness exceeding 0,4 mmb	-	80	42	100	
Supplementary information: Results evaluated according to table 104, for other countries					

11.101	TABLE: Temperature rise limits for surfaces								P
	Ambient (°C) : 22								
	Test voltage (V) : 240 V								
Surface of MFT1 6049NECBB (vitroceramic) with three glass door	Surfaces of appliances situated not more than 850 mm above the floor after installation				Parts situated more than 850 mm above the floor after installation				
	Front surfaces of oven door		Other parts		Front surfaces of oven door		Other parts		
	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	
Oven / upper and bottom heating element									

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

Bare metal	-	33	-	42	-	45	-	45
Coated metal (metal handle)	36	37	-	49	-	55	-	55
Coated metal (metal panel)	-	37	48	49	-	55	-	55
Coated metal(bottom metal enclosure)	-	37	-	49	-	55	-	55
Glass and ceramic (oven door)	44	46	-	56	-	60	-	60
Glass and ceramic (highlight surface)	-	46	54	56	-	60	-	60
Plastic and plastic coating > 0,3 mm	-	51	41	62	-	65	-	65
Supplementary information: Results evaluated according to table 102 , for Australia , Belgium ,Denmark, and New Zealand countries (with three glass door)								

11.101	TABLE: Temperature rise limits for surfaces							P
	Ambient (°C) : 22							
	Test voltage (V) : 240 V							
Surface MFT1 6049NECBB (vitroceramic) with two glass door	Surfaces of appliances situated not more than 850 mm above the floor after installation				Parts situated more than 850 mm above the floor after installation			
	Front surfaces of oven door		Other parts		Front surfaces of oven door		Other parts	
	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)
Oven / upper and bottom heating element								
Bare metal	-	40	-	45	-	45	-	45
Coated metal (metal handle)	35	45	-	55	-	55	-	55
Coated metal (metal panel)	-	45	48	55	-	55	-	55
Glass and ceramic (oven door)	50	55	-	60	-	60	-	60
Glass and ceramic (highlight surface)	-	55	54	60	-	60	-	60
Plastic and plastic coating > 0,3 mm	-	60	41	65	-	65	-	65
Supplementary information: Results evaluated according to table 103 , for Czech Republic, Finland Germany, Netherlands, Norway, Sweden, Switzerland, Turkey and United Kingdom countries with two glass door								

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

11.101	TABLE: Temperature rise limits for surfaces				P
	Ambient (°C) : 22				
	Test voltage (V) : 240 V				
Surface MFT1 6049NECBB (vitroceramic) with two glass door		Temperature rise K			
		Front surfaces of oven door		Other parts	
		dT (K)	Max. dT (K)	dT (K)	Max. dT (K)
Oven / upper and bottom heating element					
Metal and painted metal (metal handle)		35	45	-	60
Metal and painted metal (metal panel)		-	45	48	60
Vitreous- enamelled metal		-	50	-	65
Glass and ceramic (oven door)		50	60	-	80
Glass and ceramic (highlight surface)		-	60	54	80
Plastic having a thickness exceeding 0,4 mmb		-	80	41	100
Supplementary information: Results evaluated according to table 104, for other countries					

13.2	**TABLE: Leakage current**		**P**
	Heating appliances: 1.15 x rated input..... :	254 V	—
	Motor-operated and combined appliances: 1.06 x rated voltage ..... :	**-**	—
Leakage current between		**I (mA)**	**Max. allowed I (mA)**
MFT1 6049NERBB			
Live parts and earthed metal parts		1,4	10
Live parts and Vessels		0,4	10
Live Parts and plastic		0,08	0,35
MFT1 5049NERBB			
Live parts and earthed metal parts		1,3	10
Live parts and Vessels		0,22	10
Live Parts and plastic		0,02	0,35
MFT1 6049NECBB (vitroceramic)			
Live parts and earthed metal parts		1,6	10
Live Parts and plastic		0,04	0,35
Live Parts and vessel		0,12	0,35

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

Supplementary information:

13.3	TABLE: Electric strength		P
Test voltage applied between:		**Voltage (V)**	**Breakdown (Yes/No)**
MFT1 6049NERBB			
Live parts and metal enclosure		1000	No
Live parts and Vessels		1000	No
Metal enclosure and plastic knob		1750	No
Live parts and plastic part		3000	No
MFT1 6049NECBB (vitroceramic)			
Live parts and metal enclosure		1000	No
Live parts and Vessels		1000	No
Metal enclosure and plastic knob		1750	No
Live parts and vessel		3000	No
MFT1 5049NERBB			
Live parts and metal enclosure		1000	No
Metal enclosure and plastic knob		1750	No
Live parts and plastic part		3000	No
Supplementary information:			

14	TABLE: Transient overvoltages				N/A
Clearance between:	**Cl (mm)**	**Required Cl (mm)**	**Rated impulse voltage (V)**	**Impulse test voltage (V)**	**Flashover (Yes/No)**
Supplementary information:					

16.2	TABLE: Leakage current		P
	Single phase appliances: 1.06 x rated voltage :	254,4 V	—
	Three phase appliances 1.06 x rated voltage divided by √3: ..... :	-	—
Leakage current between		**I (mA)**	**Max. allowed I (mA)**
MFT1 6049NERBB			
Live parts and earthed metal parts		1,7	10

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Clause	Requirement + Test	Result - Remark	Verdict

Live parts and Vessels	0,32	10
Live Parts and plastic	0,08	0,25
MFT1 5049NERBB		
Live parts and earthed metal parts	1,3	10
Live parts and Vessels	0,24	10
Live Parts and plastic	0,02	0,25
MFT1 6049NECBB (vitroceramic)		
Live parts and earthed metal parts	1,5	5
Live Parts and plastic	0,04	0,35
Live Parts and vessel	0,12	0,35
Supplementary information:		

16.3	**TABLE: Electric strength**	**P**
Test voltage applied between:	**Voltage (V)**	**Breakdown (Yes/No)**
MFT1 6049NERBB		
Live parts and metal enclosure	1250	No
Live parts and Vessels	1250	No
Metal enclosure and plastic knob	1750	No
Live parts and plastic part	3000	No
MFT1 6049NECBB (vitroceramic)		
Live parts and metal enclosure	1250	No
Metal enclosure and plastic knob	1750	No
Live parts and vessel	3000	No
MFT1 5049NERBB		
Live parts and metal enclosure	1250	No
Live parts and Vessels	1250	No
Metal enclosure and plastic knob	1750	No
Live parts and plastic part	3000	No
Supplementary information:		

17	**TABLE: Overload protection**	N/A
Thermocouple locations:	**Max. temperature rise measured, Δ T (K)**	**Max. temperature rise limit, Δ T (K)**

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Clause	Requirement + Test	Result - Remark	Verdict

Supplementary information:		

17	TABLE: Overload protection, resistance method					N/A
	Test voltage (V) ..... :					—
	Ambient, t1 (°C) ..... :					—
	Ambient, t2 (°C) ..... :					—
Temperature of winding:		**R1 (Ω)**	**R2 (Ω)**	**Δ T (K)**	**T (°C)**	**Max. T (°C)**
Supplementary information:						

19	Abnormal operation conditions						P
Operational characteristics			**YES/NO**	**Operational conditions**			
Are there electronic circuits to control the appliance operation?			Yes				
Are there "off" or "stand-by" position?			Yes	Off position			
The unintended operation of the appliance results in dangerous malfunction?			No				
Sub-clause	**Operating conditions description**	**Test results description**	**PEC description**	**EMP 19.11.4**	**Software type required**	**19.11.3 PEC**	**Final result**
19.2	Operated with 0,85 times input power			N.A			No hazards
19.3	Operated with 1,24*1,08 times input power						No hazards
19.4	Operated with 1,15*1,08 times input power						No hazards
19.5							
19.6				N.A			
19.7							

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Clause	Requirement + Test	Result - Remark	Verdict

19.8							
19.9							
19.10							
19.11.2	Spec with 3 touch control digital timer						
	VDR 1 open circuited	Product is running					No hazards
	R1 open circuited	Product is not running					No hazards
	X2 capacitor open circuited	Product is not running					No hazards
	Bright diode open circuited (1-3)	Product not running					No hazards
	Bright diode short circuited (1-3)	Product running with vibrating					No hazards
	Bright diode open circuited (2-4)	Product not running					No hazards
	Bright diode short circuited (2-4)	Product running with vibrating					No hazards
	Bright diode open circuited (3-4)	Product not running					No hazards
	Bright diode short circuited (3-4)	Product running with vibrating					No hazards
	D3 diode open circuited	Product not running					No hazards
	D3 diode short circuited	Product running					No hazards
	Hualiyan 6 touch control timer						
	VDR 1 open circuited	Product is running					No hazards
	VDR 1 short circuited	Product is not running					No hazards
	R1 open circuited	Product is not running					No hazards

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Clause	Requirement + Test	Result - Remark	Verdict

	X2 capacitor open circuited	Product is not running					No hazards
	X2 capacitor short circuited	Product is not running					No hazards
	Bright diode open circuited (1-3)	Product not running					No hazards
	Bright diode short circuited (1-3)	Product running with vibrating					No hazards
	Bright diode open circuited (2-4)	Product not running					No hazards
	Bright diode short circuited (2-4)	Product running with vibrating					No hazards
	Bright diode open circuited (3-4)	Product not running					No hazards
	Bright diode short circuited (3-4)	Product running with vibrating					No hazards
	D5 diode open circuited	Product running					No hazards
	D5 diode short circuited	Product not running					No hazards
	C1 capacitor open circuited	Product running					No hazards
	C1 capacitor short circuited	Product running					No hazards
19.11.4.8							
19.10X							
Supplementary information:							

19.7	**TABLE: Abnormal operation, locked rotor/moving parts**		P
	Test voltage (V) ..... :	240	—

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Clause	Requirement + Test	Result - Remark	Verdict

	Ambient, t1 (°C).....:		22		—
	Ambient, t2 (°C).....:		22		—
Temperature of winding:	**R1 (Ω)**	**R2 (Ω)**	**Δ T (K)**	**T (°C)**	**Max. T (°C)**
Fan motor MFT1 6049NERBB	152	240	149	171	260
Fan motor MFT1 5049NERBB	146	230	148	170	260
Fan motor MFT1 6049NECBB	154	242	147	169	260
Fan motor KFL-CAFORRE	611,7	1033	177	199	260
Cooling Fan motor MFP1-6046IECIM	415	656	149	171	260
Turbo Fan motor MFP1-6046IECIM	118,2	186,5	148	170	260
Supplementary information:					

19.9	**TABLE: Abnormal operation, running overload**				N/A
	Test voltage (V).....:				—
	Ambient, t1 (°C).....:				—
	Ambient, t2 (°C).....:				—
Temperature of winding:	**R1 (Ω)**	**R2 (Ω)**	**Δ T (K)**	**T (°C)**	**Max. T (°C)**
Supplementary information:					

19.13	**TABLE: Abnormal operation, temperature rises**	P
Thermocouple locations:	**Max. temperature rise measured, Δ T (K)**	**Max. temperature rise limit, Δ T (K)**
Cl. 19.2 MFT1-6049NERIG at 0,85 times rated power, operated with turbo fan and turbo heating elements: 210 V		
Ambient	22	info
Wall- ceiling and floor of test corner	59	150
Supply cable entries	21	150
Oven cavity	260°C	Info
Cl. 19.4 MFT1-6049NERIG at 1,15 times rated power, operated with turbo fan and turbo heating elements, thermostat shorted ,254 V		
Wall- ceiling and floor of test corner	62	150
Supply cable entries	48	150
Oven cavity	300°C	Info
Cl.19.3 MFT1-6049NERIG at 1,24 times rated power, operated with turbo fan and turbo heating elements		

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Clause	Requirement + Test	Result - Remark	Verdict

,264 V		
Wall- ceiling and floor of test corner	63	150
Supply cable entries	56	150
Oven cavity	260°C	Info
Supplementary information:		

19.13	**TABLE: Abnormal operation, temperature rises**	P

Thermocouple locations:	**Max. temperature rise measured, Δ T (K)**	**Max. temperature rise limit, Δ T (K)**
Cl.19.4 MFT1-7045NERBB at 1,15 times rated power thermostat shorted, 258 V, 24 C for Grill +fan function 60*55 with120 C limiter		
Wall- ceiling and floor of test corner	48	150
Supply cable of cord insulation	39	150
Oven cavity	416°C	-
Cl.19.4 MFT1-7045NERBB at 1,15 times rated power thermostat shorted 258 V, 24 C for Static function 60x55 oven with 150C Limiter		
Wall- ceiling and floor of test corner	46	150
Supply cable of cord insulation	36	150
Oven cavity	400°C	-
Supplementary information:		

19.13	**TABLE: Abnormal operation, temperature rises**	P

Thermocouple locations:	**Max. temperature rise measured, Δ T (K)**	**Max. temperature rise limit, Δ T (K)**
Cl.19.3 MFT1-6049NERIG at 1,24 times rated power operated with 2000 W Hotplate , 2698 W 264 V,24 C		
Wall- ceiling and floor of test corner	115	150
Supply cable of cord insulation	16,5	150
oven cavity	260°C	-
Cl.19.4 MFT1-6049NERIG at 1,15 times rated power operated with 2000 W Hotplate ,2502 W,254 V, 24 C		
Wall- ceiling and floor of test corner	62,2	150
Supply cable of cord insulation	73	150
Oven cavity	300°C	425°C
Supplementary information:		

19.13	**TABLE: Abnormal operation, temperature rises**	P

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Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations:	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Cl.19.2 MFP1-6046IECIM at 0,85 times rated power operated with static fan , 6970 W 210 V,24 C		
Wall- ceiling and floor of test corner	42	150
Supply cable of cord insulation	41	150
oven cavity	224	info
Cl.19.3 MFP1-6046IECIM at 1,24 times rated power operated with static fan, 11063 W,267 V, 24 C		
Wall- ceiling and floor of test corner	42,5	150
Supply cable of cord insulation	41	150
Oven cavity	232	info
Supplementary information:		

19.14	TABLE: Abnormal operation, temperature rises	P

Thermocouple locations:	Max. temperature rise measured, Δ T (K)	Max. temperature rise limit, Δ T (K)
Cl.19.14 MFT1-7045NERBB at 1,15 times rated power relay shorted, 258 V, 24 C for Grill +fan function 60*55 with120 C limiter		
Wall- ceiling and floor of test corner	45	150
Supply cable of cord insulation	28	150
Supplementary information:		

21.1	TABLE: Impact resistance		P
Impacts per surface	**Surface tested**	**Impact energy (Nm)**	**Comments**
Three times	Glass door	0,5	pass
Three times	Metal enclosure	0,5	pass
Three times	Glass surface of highlight	0,7	pass
Supplementary information:			

24.1	TABLE: Critical components information				P
Object / part No.	**Manufacturer / trademark**	**Type / model**	**Technical data**	**Standard**	**Mark(s) of conformity[1)]**
- Description:	Switch				
	Tibon	4*5	16 A-250VAC, 150 °C	IEC/EN 61058-1	TUV R60096026

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Clause	Requirement + Test	Result - Remark	Verdict

	Bernhardt & Schulte GmbH & Co.KG	SERIE 3000	10/16A, 250V...400V, 3E4 / 5E4	IEC/EN 61058-1	VDE 40025825
	Bernhardt & Schulte GmbH & Co.KG	SERIE 4000	10/16A, 250V...400V, 3E4 / 5E4	IEC/EN 61058-1	VDE 40025780
	E.G.O. Elektro-Gerätebau GmbH	46.	10/16A 250V...400V, 10E3 / 30E3,T140	IEC/EN 61058-1	VDE 136470
	Eurel	SR1-05/SR1-11/SR1-03/ SR1-07	250V 16A T150	IEC/EN 61058-1	S1-ENEC 027/001 M2
	Gottak	7LA	250V AC 16A T150	IEC/EN 61058-1	VDE 40001665
	Gottak	46 RCTH	250V AC 16A T150	IEC/EN 61058-1	VDE 40003018
	MXT	BC2,BC3,BC4,BC5,BC6	10/16A, 250V...400V, 30E3, T150	IEC/EN 61058-1	NL-13071 Dekra-Enec 2114415.01
	EGO	Serie 42.---.--	250-400V AC, 16A-10 A,T150 5E4-4/25E3-7	IEC/EN 61058-1	VDE 134453
	Tibon	4X0	250V 16A T125	IEC/EN 61058-1	TUV R60108178
	Boltek	RS2,RS3	250V AC	IEC/EN 61058-1	DEKRA 2185734.01
	AN-EL	I10	250V AC 16A T150	EC/EN 61058-1	DEKRA 2151398.03
	Ningbo Master Soken	RT-345-x	250V AC 16A T150	EC/EN 61058-1	TUV R50257939
- Description:	Energy regulator				
	E.G.O.	50.51---.--- 50.52---.--- 50.54---.--- 50.55---.--- 50.56---.--- 50.57---.--- 50.59---.--- 50.67---.---	AC 240 13 A T 125	IEC/EN 60730-1 IEC/EN 60 730-2-11	VDE 40012078

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Clause	Requirement + Test	Result - Remark	Verdict

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	E.G.O	50.8 * * * *. * * * 50.88 * * *. * * *	AC 240 13 A T 125	IEC/EN 60730-1 IEC/EN 60 730-2-11	VDE 40039470
	Zhejiang Alone Electrical Co., Ltd.	IS108 D ,IS108 S	AC 240 13 A T 125, 50/60 Hz	IEC/EN 60730-2-11:2008 IEC/EN 60730- 1:2011	TUV R 50499923 001
	Zhejiang Alone Electrical Co., Ltd.	IS101 (Alone)	AC 240 V 13 A	IEC/EN 60730-1 IEC/EN 60 730-2-11	TUV R 50305759
	Diamond H	4*ER Series	13,5 A 240V	IEC EN 60730-1:2016+A1:2019; EN IEC 60730-2-11:2020	Intertek C1170N
- Description:	Oven lamp				
	Fuzhou Bonle Electrical	BC2048	250V, 2A, 15 W ...25 W	IEC/EN 60238	VDE 40019479
	Baoamac	FCWVL003, FCWVL014	250V, 15 W ...25 W, T300	IEC/EN 60238	TUV R50164710
	Nova	LH 300	250V, 2A,	IEC/EN 60238	VDE 40006678
	Xiamen Walklong Elect.Co.Ltd.	Edison screw lamp holder, X555	250V, 15 W ...25 W , T300	IEC/EN 60238	TÜV Rheinland 50090013
	Yangzhou Baoamac Electronic Co., Ltd.	FCWVL003, FCWVL014	250V, 15 W ...25 W, T300	IEC/EN 60238	TUV R50164710
	Desko	1233-6**	250 V 2A T300	IEC/EN 60238	VDE 137192
	Java	2072	250V 2A T300	IEC/EN 60238	TUV Rheinland R 50362517
	BJB GmbH & Co. KG	79.210, 79.202, 79.215, 79.214, 79.222	250 V 2A T300	IEC/EN 60238	VDE 40003899
	BJB GmbH & Co. KG	77.944, 77.918, 77.705, 77.630, 77.222	250 V 2A	IEC/EN 60238	VDE 40035907
	Yangzhou Java	DST2072	250V,2A T300	IEC/EN 60838-1	TUV R50362517

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Clause	Requirement + Test	Result - Remark	Verdict

	Xiamen Walklong	W007	250V,2A,	IEC/EN 60838-1	TUV R 50205366
	Bonle (Fuzhou)	705	2A, 250 V,T300 E14	IEC/EN 60238:2004	Tested in appliance
- Description:	Heating Element				
	Elektro-San	A2*)	250W-2000 W, 220..240V	IEC/EN 60335-1	VDE 40027553
	Balçik	A1.....	220V…240V, 100W....2000W 10A	IEC/EN 60335-1	VDE 40027086
	Shunde Headway Electric	HW-RGQ***	400W… 2200 W 220..240V	IEC/EN 60335-1	VDE 40002770
	Shunde Headway Electric	HW-RGT***	800W… 2200 W 220..240V	IEC/EN 60335-1	VDE 40027148
	EGO	20…	220V…240V 100W..2200W	IEC/EN 60335-2-6 IEC/EN 60335-1	VDE 40025037
	Kaneta Electroheat	60335-SSA-1 60335-SSA-2 60335-SSA-3 60335-SSA-4 60335-SSA-5 60335-SSA-6 60335-SSA-7 60335-SSA-8	220V…240V, 100W…2200W	IEC/EN 60335-1	VDE 40040146
	Kaneta Electroheat	EN60335...	220V…240V, 100W…..4000W	IEC/EN 60335-1	VDE 40036709
	Kaneta Electroheat TechnologiesLtd	SS625*******	220V…240V, 100 ,2000 W	EC/EN 60335-2-6 EC/EN 60335-1	Tested in the appliance
	Kaneta Electroheat TechnologiesLtd	60335 SFA2	220-240V 300…2200W	IEC/EN 60335-1 (VDE 0700-1)	VDE 40039622
	IRCA	RL6.x…*) RL8.x…*)	220-240 V 100W-4000W	IEC/EN 60335-1	VDE 062726

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	IRCA	RA6.x…*) RA8.x…*) RA1.x…*)	220-240 V 800-2500 W	EC/EN 60335-2-6 EC/EN 60335-1	Tested in the appliance
	Hangzhou Heatwell M&E Co. Ltd.	AI*BA**** AI*CA**** AI*EA**** AI*FA**** AI*GA**** AI*HA**** AI*IA**** AI*JA**** AI*KA**** AI*LA**** AI*MA**** AI*NA**** AI*OA**** AI*PA****	220-240V, 160….2000 W	IEC/EN 60335-1	Test in appliance
	Hangzhou Heatwell M&E Co. Ltd.	WAA******	220-240 V 800-2500 W	EC/EN 60335-1	VDE 40023047
	Hangzhou Heatwell M&E Co. Ltd.	WAB****** WAC******	220-240 V 800-2500 W	IEC/EN 60335-1	VDE 40023040
	Hangzhou Heatwell M&E Co. Ltd.	WAA*A* *** WAB*A* *** WAC*A* *** WAD*A* ***	220-240 V 800-2500 W	EC/EN 60335-1	VDE 40023019
- Description:	Fan motor				
	Hunan Keli Motor Co.,Ltd	YJ61-12A-HZ02 YJ61-14A-HZ02 YJ61-16A-HZ02 YJ61-16A-HZ03	220-240V 50-60Hz, H class, 21…27 W	IEC/EN 60335-1	VDE 40033148
	Lepuda Motor Co.	PLD61-14 PLD61-16 PLD61-20	220-240V 50-60Hz,16,20,24W	IEC/EN 60335-1	VDE 40041057
	Merzifon Motor	EMF-15-001 EMF-15-002 EMF-20-002 EMF-15.003 EMF-10-001	220-240 V 50-60 Hz Cl H,22,26,25,15 W	IEC/EN60335-1	VDE 40035130

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	Rotech	SP-10-AF-001 , SP-15-AF-001, SP-20-AF-002,	220-240V,50-60Hz,26, 25W	IEC/EN 60335-1	VDE 40040816
	Ningbo Huayi Motor	HY6025V240 / HY6020V240H / HY6016V240H / HY6030V240	220-240 V 25 W, 28W 22W,30 W	IEC/EN 60335-1	VDE 40015829
	Danişment	FM 62 G 25/1...*	AC220-240V, 50 Hz,27W Class 180	EC/EN 60335-2-6 EC/EN 60335-1	Tested in appliance
- Description:	Cooling Fan motor				
	Merzifon Motor	EMF-10-001,EMF-12.001,EMF-15.003	220-240 V 50-60 Hz 15….20W	IEC/EN 60335-2-6 IEC/EN60335-1	Test in appliance
	Rotech	SP-10-AF-001 SP-15-AF-002	220-240V,50-60Hz 15….22W	IEC/EN 60335-1	VDE 40040816
	Hunan Keli	YJ**	220-240V,50-60Hz, 17…21W Class 180	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 40033148
	Foshan Lepuda Motor	PLD61…	220-240V, 50/60Hz 13…20W Class 180	IEC/EN 60335-1	VDE 40041057
	KFL	KFL 12038HA2	220-240V, 50/60Hz,0,12 A Class 180	IEC/EN 60335-1 IEC/EN 60335-2-6	Tested in appliance
	AKSA	AKS-686 Model 14 W, AKS-686 Model 16 W, AKS-686 Model 20 W, AKS-686 Model 22 W	220-240V, 14,16,20,22 W C lass 180	IEC/EN 60335-1	VDE 40041810
	Sunon wealth	A2123-HBL	220-240V,50-60Hz,18W Class 180	IEC/EN 55014-2 IEC/EN 61000-3-2 IEC/EN 55014-1 IEC/EN 61000-3-3	TUV AE 50295539
	Hunan Keli	YJ**	220-240V,50-60Hz, Class 180 13….21W	IEC/EN 60335-1	VDE 40033148
- Description:	Digital and mechanic timer				
	Hangzhou Franden electrical	DKJ-Y	16A 250V 50/60Hz T105	IEC/EN 60730-1	VDE 40006336

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	Coupatan-Analog	AT.	AC 250V, 16A, T125	IEC/EN 60730-1 IEC/EN 60730-2-1	KEMA – KEUR 2022817.01
	Hangzhou Canrich Electromech.	DKJ-Y	250 V 16 A	IEC/EN 60730-1 IEC/EN 60730-2-7	VDE 40029980
	Hangzhou Guanzuan elec.	DKJ/1*	16A, 50Hz	EC/EN 60730-1	VDE 126656
	Jiangsu shalong	SL….	15A, 250 V T120	IEC/EN 60730-1:2011	TUV R50024942
	Italora srl	SN serie,	16A,250V	IEC/EN 60730-1 IEC/EN 60730-2-7	ENEC CA02.03900
	Okida	OT-2000 ***, OT 3000 ***, OC 3000***	AC 250V, 16A, 50/60 Hz	IEC/EN 60730-1 IEC/EN 60730-2-7	ENEC 2159366/01
	Okida	OT 4000 , SMF 20 ,SMF 30	AC 250V, 16A, 50/60 Hz	IEC/EN 60335-2-6 IEC/EN60335-1	Test in appliance
	Okida	OT-2100-LED	AC 250V, 16A, 50/60 Hz	IEC/EN 60730-1 IEC/EN 60730-2-7	ENEC KEMA KEUR 71-105493
	Okida	OT-1000-2D	230 V~; 50/60 Hz;16A	EN IEC 60730-2-7:2020 IEC EN 60730-1:2016 IEC EN 60730-1:2016/A1:2019	ENEC 71-119649
	Hualiyan	ST85*,MT85* MT105*,ST105*	230V,16A, 50/60 Hz	IEC/EN 60335-2-6 IEC/EN60335-1	Test in appliance
	Spek	SP5000S SP5010S SP5030C SP5000S SP5010S SP5012S 1300****	AC 230-250V, 50/60Hz 16A,	IEC/EN 60335-2-6 IEC/EN60335-1	Tested in appliance
	Hualiyan / Hualian	1312468R-**** H35-30******	230V,16A, 50/60 Hz	IEC/EN 60335-2-6 IEC/EN60335-1	Tested in appliance

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	Hualiyan / Hualian	N10904000075 N10904000076 N10904000081 N10904000101 N10904000102 N10904000109 N10904000107 N10904000111 N10904000112	230V,16A, 50/60 Hz	IEC/EN 60335-2-6 IEC/EN60335-1	Tested in appliance
	Hualian	BST105W*, BST105A* BST105*	230V,16A, 50/60 Hz	IEC/EN 60335-2-6 IEC/EN60335-1	Test in appliance
	Yangzhou Java electric	DST2060-xy	16 A, ac 250 V, 50/60 Hz	IEC/EN 60730-2-7:2010 IEC/EN 60730-1:2011	TUV R50306239
- Description:	Thermostat				
	Changzhou Foland Electrical (Jiangsu changheng)	WY***-E*	400V AC 16 A 50-280 C	IEC 60730-1	VDE 400024441
	Foshan	WGF*	AC 250V, 16A, 50-280 C	IEC/EN 60730-2-9	VDE 40019175
	Foshan	WYF*	AC 250V, 16A, 50-280 C	IEC/EN 60730-2-9	VDE 40011587
	Tecasa	NT-****	400V AC 16 A 50-280 C	IEC/EN 60730-1	VDE 118542
	Zhejiang Skywell Electrical Appliances Co., Ltd.	S-DAx	250 V ac 16 A 50/60 Hz T 120 50-280 C	IEC/EN 60730-1 IEC/EN 60730-2-9	TUV AN 50200517
	Zhongshan City Zhongheng	WYF-xxx-yyyy	250V T125 50/60Hz	IEC/EN 60730-1	TUV Rheinland R50363099
- Description:	Thermal cut out				

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Clause	Requirement + Test	Result - Remark	Verdict

	Foshan Tianpeng	T1/**-**	AC 250V, 6A , 105 C,120 C,150 C,180C,55C	IEC/EN 60730-1 IEC/EN 60730-2-9	VDE 40008055
	Foshan Tianpeng	T1/**-**	AC 250V, 10A, 105 C,120 C,150 C,180C, 55C	IEC/EN 60730-1 IEC/EN 60730-2-9	VDE 40019583
	Foshan Tianpeng	KSD201/**	AC 250V, 16A, 105 C,120 C,150 C,180C, 55C	IEC/EN 60730-1 IEC/EN 60730-2-9	TUV R50091097
	Inter Control	161.....	AC 250V,16 A ,105 C,120 C,150 C,180C, 55C	IEC/EN 60730-1 IEC/EN 60730-2-9	VDE 120105
	Mikroterm	LT04	AC 250V, 16A, 105 C, 120 C ,150 C,180 C,55C	IEC/EN 60730-2-9	TUV R 60039294
	Electrovac	Z42-43	250/400V AC 16 A 105C,120 C 150 C,180 C,55 C	IEC/EN 60730-1 IEC/EN 60730-2-9	ENEC 60116-001
- Description:	Grill motor				
	CIXI Juling	49TYJ	220-240V, AC, 50 Hz,4 W	IEC/EN 60335-1	VDE 40000610
	Ningbo yinzhou Lixing	KXTYZ	220-240V, AC, 50 Hz,6 W	IEC/EN 60335-1	VDE 40022111
	Ningbo yinzhou Shiqi jili	TYD***-*	230V, AC, 50/60 Hz,4-6 W	IEC/EN 60335-1	TUV AN 50194265
	Meteor S.A.S	956 ,	220-240V, 4 W-6W	IEC/EN 60335-1	ENEC SN.B0000R
	Meteor S.A.S	981	220-240V, 4 W-6W	IEC/EN 60335-1	ENEC SN.C000NQ
	Ningbo Huayi Motor	KXTYZ-CV240H	4,1 W AC 220 - 240 V	IEC/EN 60335-1	VDE 40024646
	Ningbo Sijia Electric	TY 49-A, TY49-B	220-240V, AC, 50 Hz, 4 W	IEC/EN 60335-1	TÜV SUD N8 13 04 45304 074
- Description:	Connection block				

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Clause	Requirement + Test	Result - Remark	Verdict

	Nova Elektrik San. Ve Tic. A.S.	SL310	SL310 450V AC 40 A T110	IEC/EN 60998-1	VDE 40021523
	Nova Elektrik San. Ve Tic. A.S.	SL200	6,0...10,0 mmØ	IEC/EN 60998-1:2004,IEC/EN 60998-2-1:2004 ,IEC/EN 61210:2010, IEC/ EN 60335-1:2012	VDE 40017858
	Electro Terminal	Kado 2/3	24A, 450V, T125 32-41A, 450V, T125	IEC/EN 60335-1 IEC/EN 60998-1 IEC/EN 60998-2-1 IEC/EN 61210	VDE 40024881
	Electro Terminal	Kado K 1/5 R5 Kado K 1/5 TW	24A, 450V, T125 32-41A, 450V, T125	IEC/EN 60335-1 IEC/EN 60998-1 IEC/EN 60998-2-1 IEC/EN 61210	VDE 40017715
	Electro Terminal	KADO K 1/6 R5 KADO K 1/6 TW	24A, 450V, T125 32-41A, 450V, T125	IEC/EN 60335-1 IEC/EN 60998-1 IEC/EN 60998-2-1 IEC/EN 61210	VDE 40017716
	Bimed	TH500	450V T125	IEC/EN 60335-1 IEC/EN 60998-1 IEC/EN 60998-2-1 IEC/EN 61210	25732IIMQ
	Electro Terminal	Kado XT	Ac 450 V	IEC/EN 60998-1:2004	ENEC 163-012
	Electro Terminal	Kado FL	AC 400V	IEC/EN 60998-1:2004	ENEC 163-011
	Sunner	TB-02, TB-01	400 V, T125	IEC/EN 60335-1 IEC/EN 60998-2-1:2004 IEC/EN 61210:2010	TUV R50294316
	Electro Terminal	Kado XM	AC 450 V, T125	IEC/EN 60998-1:2004;IEC/EN 60998-2-1:2004	ENEC 163-007
- Description:	Hotplate				
	EGO	18… 19…	450….2000 W, 220-240 V	IEC/EN 60335-1 IEC/EN60335-2-6	VDE 40043913
	Guangdong Yangjiang Weibang	HP-F145A,HP-F180A,	220V...240V, 500W...2000W	IEC/EN 60335-1 IEC/EN 60335-1	VDE 40015881

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	Guangdong Yangjiang Weibang	HP-F180A	220V...240V, 1000W...2000W	IEC/EN 60335-1 IEC/EN 60335-1	VDE 40015881
	EGO	13… 12…	100V-400V 150-2000W	IEC/EN 60335-1 IEC/EN60335-2-6	VDE 136390
	BNT Group Limited	GP 145.....*…	1000 W…1500W, 220-240 V	IEC/EN 60335-2-6 IEC/EN 60335-1	VDE 40040096
	BNT Group Limited	GP 180.....*…	1500 W…2000W, 220-240 V	IEC/EN 60335-2-6 IEC/EN 60335-1	VDE 40040096
	ŞANAL ISI SAN.	213DEFGHI 212DEFGHI	230V 1000W…. 2000W	IEC/EN 60335-1 IEC/EN 60335-2-6	TUV R60088743
	GuangdongYangjiangWeibang WEBO	HP-F220A, HP-F220-1A	220-240V, 1000... 2000W	IEC/EN 60335-2-6 IEC/EN 60335-1	VDE 40015881
	BNT Group Limited	GP 220…..*…	220-240V, 2000W	IEC/EN 60335-2-6 IEC/EN 60335-1	Tested in the appliance
	Guangdong Yangjiang Weibang	HP-F220, HP-F220-1	220V...240V, 1000W...2000W	IEC/EN 60335-1	VDE 40015882
	Guangdong Yangjiang Weibang	HP-F180	220V...240V, 1000W...2000W	IEC/EN 60335-1	VDE 40015882
	Guangdong Yangjiang Weibang	HP-F90	220-240V, 450 W ...600W	IEC/EN 60335-1	VDE 40015882
- Description:	Highlight heating element				
	E.G.O. Electro Geratebau GmbH	10.***-.---*)	900W…2500W200V…400V AC	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 40002436
	E.G.O. Electro Geratebau GmbH	10.56…-.--- *), 10.59…-.--- *) 10.51…-.--- *) 10.53…-.---*)	1200W,1700W, 1800W 200V…240V ac	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 075824
	E.G.O. Electro Geratebau GmbH	10.57…-.--- *)	1200W,1700W 1800W 220V…240V AC	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 096407
	E.G.O. Electro Geratebau GmbH	10.54…-.-- *) 10.58…-.--- *)	1200W,1700W 1800W 220V…240V AC	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 096409
	E.G.O. Electro Geratebau GmbH	10.74…-.--- *) 10.78…-.--- *)	1200W,1700W 1800W 220V…240V AC	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 097424

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	E.G.O. Electro Geratebau GmbH	10.58……-- *)	1200W,1700W 1800W 220V…240V AC	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 098314
	E.G.O. Electro Geratebau GmbH	10.7…-.--- *)	1200W,1700W 1800W 200V…400V AC	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 097424
	E.G.O. Electro Geratebau GmbH	10.5…-.--- *)	900W…2500W 220V…240V AC	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 098314
	Shenzhen Foda	JT165111,JT165112,JT200111,JT200112	1200W,1800WAC220-240V,50/60Hz	IEC/EN 60335-1 IEC/EN 60335-2-6	TUV R 50321575
	Zhejiang Alone	HL101….	1200W,1700W 1800W,AC230V, 50/60 Hz,	IEC/EN 60335-1 IEC/EN 60335-2-6	TUV R 50198228
	Eika	1650…., 2000…., 	1200W,1700W 1800W 230V,240V	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 075805
	Eika	1652…., 	1200W,1700W 1800W 220…240V AC	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 081192
	Eika	2012…., 	1200W,1700W 1800W 220…240VAC	IEC/EN 60335-1 IEC/EN 60335-2-6	VDE 086320
	Yangjiang weibang electrical Appliance	HL-T130R HL-F165C HL-T165R HL-F200C HL-T200R HL-F230C HL-T230R HL-T300R	220-240V 50Hz 900W….1800W	IEC/EN 60335-1	TUV R50303066

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	Yangjiang weibang electrical Appliance	HL-T285R 12/08 HL-T285R 11/09 HL-T285R 10/10 HL-T285R 13/08 HL-T285R 12/09 HL-T285R 11/10 HL-T285R 14/08 HL-T285R 13/09 HL-T285R 12/10 HL-T285R 11/11 HL-T285R 15/08 HL-T285R 14/09 HL-T285R 13/10 HL-T285R 12/11 HL-T285R 16/08 HL-T285R 15/09 HL-T285R 14/10 HL-T285R 13/11 HL-T285R 12/12 HL-T270R 10/08 HL-T270R 12/08	220-240V 50Hz 900W….1800W	IEC/EN 60335-1 IEC /EN 62233:2008	TUV R50303071
- Description:	Internal wiring				
	Elcab Kablo ve Profil Sanayii	N2GFAF*	Silicon 300/300V T180 1x075 mm^2	DIN VDE 0250	VDE 40013554
	Elcab Kablo ve Profil Sanayii	(N)2GFA (N)2GFAF	300/300 V 0,5… 2.5 mm^2 130 / 180 C	DIN VDE 0250	VDE 40014374
	Ar-El Kablo Plastik Sanayi	(N)2GFAF	300/300 V 0,5… 2.5 mm^2 130 / 180 C	DIN VDE 0250	VDE 40032812
	Tansel Elektrik Malzemeleri	T SIF	300-330V, T180	DIN VDE 0250	VDE 103892
	Başoğlu	HB SIL	1x0,5… 1.5mm^2 300/300V T 180	DIN VDE 0250	VDE 40001900
	EMA	(N)2GFAF	1x0,5… 1.5mm^2 300/300V	DIN VDE 0250	VDE 40012410
	EMA	N2GFAF	1 x 0,75 mm^2 300/300V	DIN VDE 0250	VDE 40014137
	Ar-el	(N)2GFAF	1 x 0,75mm^2 300/300Vac	DIN VDE 0250	VDE 40034048
	Hedef kablo	(N)2GFAF	300V, 180oC&130 oC, 1x1 mm^2 and 1x1,5mm^2	DIN VDE 0250	VDE 40026909

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	HSC Kablo ve Profil Sanayii	(N)2GFAF	300/300 V 0,5… 1 mm^2 130/180^{0}C	DIN VDE 0250 Teil 502:1985-03	VDE 40043558
- Description:	Signalling device				
	An-el Anahtar ve Elektrikli Ev.	S10	240V	VDE 0710	VDE 106645
	An-el Anahtar ve Elektrikli Ev.	S20, S22, S17, S19	240,	VDE 0710	VDE 117154
	Ar-El Kablo Plastik Sanayi	SL-400	AC 240 V, T150	IEC/EN 60598-1/2	KEMA 2095930.01
	Hurst + Schröder GmbH	1550.56…	AC 250V / 400 V T200	VDE 0710	VDE 056796
	Başoğlu	HB6	240V T150	IEC/EN 60335-2-6 IEC/EN 60335-1	VDE 137971
	Technocel	0040/*	250 V 1 W T170	DIN VDE 0710	Intertek 1118903
- Description:	Power supply Cord				
	Hes	H05VV-F	3Gx4 mm^2 5Gx1,5 mm^2 3Gx2,5mm^2	IEC/EN 50525-2-11	TSE HAR 00974
	Cmk	H05VV-F	3Gx4 mm^2 5Gx1,5 mm^2 3Gx2,5mm^2	IEC/EN 50525-2-11	TSE HAR 00825
	Cmk	H05VV-F	3Gx4 mm^2 5Gx1,5 mm^2 3Gx2,5mm^2	IEC/EN 50525-2-11	028007 HAR 02/01
	Ar-El	H05VV-F	3Gx4 mm^2 5Gx1,5 mm^2 3Gx2,5mm^2	IEC/EN 50525-2-11	TUV 60100833
	Kablotek	H05RR-F	3Gx4 mm^2 5Gx1,5 mm^2 3Gx2,5mm^2	IEC/EN 50525-2-21	001000 TSE HAR
	Kablotek	H05RR-F	3Gx4 mm^2 5Gx1,5 mm^2 3Gx2,5mm^2	IEC/EN 50525-2-21	001803 HAR 02/01

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Clause	Requirement + Test	Result - Remark	Verdict

	Hedef	H05VV-F	3Gx4 mm^2 5Gx1,5 mm^2 3Gx2,5mm^2	IEC/EN 50525-2-11	TUV R60100372
	Çarkit	H05VV-F	3Gx4 mm^2 5Gx1,5 mm^2 3Gx2,5mm^2	IEC/EN 50525-2-11	001780-HAR-03/01
	DEKA	H05VV-F	3Gx4 mm^2 5Gx1,5 mm^2 3Gx2,5mm^2	IEC/EN 50525-2-11	TSE 027599-HAR-02/01
	AR-EL	H05VV-F	3Gx4 mm^2 5Gx1,5 mm^2 3Gx2,5mm^2	IEC/EN 50525-2-11	TUV 60100833
	Guangdong KaiHua Electric	H05VV-F	H05VV-F 5 x 1,5…2,5 mm^2	IEC/EN 50525-2-11	VDE 40001903
- Description:	Norway plug				
	Jovean	1260	230 V,25A	IEC 60884-1:2002+A1:2006+A2:2013 NEK 502:2016	Intertek 1809067
	Etman Electric	ETM229S ETM229P	25A,250V	IEC 60884-1:2002 and A1	Intertek 1217477
Supplementary information: **[1] Provided evidence ensures the agreed level of compliance. See OD-CB2039.**					

28.1	**TABLE: Threaded part torque test**		P
Threaded part identification:	**Diameter of thread (mm)**	**Column number (I, II, or III)**	**Applied torque (Nm)**
Back Cover	3,8	II	1,2
Connection	4,9	II	2
Supplementary information:			

29.1	**TABLE: Clearances**	P
Overvoltage category	II	—
Type of insulation:		

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Clause	Requirement + Test	Result - Remark	Verdict

Rated impulse voltage (V):	Min. cl (mm)	Basic (mm)	Supplementary (mm)	Reinforced (mm)	Functional (mm)	Verdict / Remark
330	0,2* / 0,5 / 0,8**					
500	0,2* / 0,5 / 0,8**					
800	0,2* / 0,5 / 0,8**					
1 500	0,5 / 0,8** / 1,0***					
2 500	1,5 / 2,0***	X	X		X	P
4 000	3,0 / 3,5***			X		P
6 000	5,5 / 6,0***					
8 000	8,0 / 8,5***					
10 000	11,0 / 11,5***					

Supplementary information:

*) For tracks on printed circuit boards if pollution degree 1 and 2
**) For pollution degree 3
***) If the construction is affected by wear, distortion, movement of the parts or during assembly

29.2	TABLE: Creepage distances, basic, supplementary and reinforced insulation										P
Working voltage (V):	**Creepage distance (mm) Pollution degree**										
	1	**2**			**3**			**Type of insulation**			
		Material group			**Material group**						
		I	**II**	**IIIa/IIIb**	**I**	**II**	**IIIa/IIIb***	**B****	**S****	**R****	**Verdict**
≤50	0,18	0,6	0,85	1,2	1,5	1,7	1,9		—	—	
≤50	0,18	0,6	0,85	1,2	1,5	1,7	1,9	—		—	
≤50	0,36	1,2	1,7	2,4	3,0	3,4	3,8	—	—		
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4		—	—	
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4	—		—	
125	0,56	1,5	2,1	3,0	3,8	4,2	4,8	—	—		
250	0,56	1,25	1,8	2,5	3,2	3,6	4,0	X	—	—	P
250	0,56	1,25	1,8	2,5	3,2	3,6	4,0	—	X	—	P

IEC 60335-2-6											
Clause	Requirement + Test							Result - Remark			Verdict
250	1,12	2,5	3,6	5,0	6,4	7,2	8,0	—	—	X	P
400	1,0	2,0	2,8	4,0	5,0	5,6	6,3	X	—	—	P
400	1,0	2,0	2,8	4,0	5,0	5,6	6,3	—	X	—	P
400	2,0	4,0	5,6	8,0	10,0	11,2	12,6	—	—	X	P
500	1,3	2,5	3,6	5,0	6,3	7,1	8,0	X	—	—	P
500	1,3	2,5	3,6	5,0	6,3	7,1	8,0	—	X	—	P
500	2,6	5,0	7,2	10,0	12,6	14,2	16,0	—	—	X	P
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0		—	—	
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	—		—	
>630 and ≤800	3,6	6,4	9,0	12,6	16,0	18,0	20,0	—	—		
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5		—	—	
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	—		—	
>800 and ≤1000	4,8	8,0	11,2	16,0	20,0	22,0	25,0	—	—		
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0		—	—	
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	—		—	
>1000 and ≤1250	6,4	10,0	14,2	20,0	25,0	28,0	32,0	—	—		
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0		—	—	
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	—		—	
>1250 and ≤1600	8,4	12,6	18,0	25,0	32,0	36,0	40,0	—	—		
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0		—	—	
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	—		—	
>1600 and ≤2000	11,2	16,0	22,0	32,0	40,0	44,0	50,0	—	—		
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0		—	—	
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0	—		—	
>2000 and ≤2500	15,0	20,0	28,0	40,0	50,0	56,0	64,0	—	—		
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0		—	—	
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0	—		—	
>2500 and ≤3200	20,0	25,0	36,0	50,0	64,0	72,0	80,0	—	—		
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0		—	—	
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0	—		—	
>3200 and ≤4000	25,0	32,0	44,0	64,0	80,0	90,0	100,0	—	—		
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0		—	—	

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0	—		—	
>4000 and ≤5000	32,0	40,0	56,0	80,0	100,0	112,0	126,0	—	—		
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0		—	—	
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0	—		—	
>5000 and ≤6300	40,0	50,0	72,0	100,0	126,0	142,0	160,0	—	—		
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0		—	—	
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0	—		—	
>6300 and ≤8000	50,0	64,0	90,0	126,0	160,0	180,0	200,0	—	—		
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0		—	—	
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0	—		—	
>8000 and ≤10000	64,0	80,0	112,0	160,0	200,0	220,0	250,0	—	—		
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0		—	—	
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0	—		—	
>10000 and ≤12500	80,0	100,0	142,0	200,0	250,0	280,0	320,0	—	—		

Supplementary information:

*) Material group IIIb is allowed if the working voltage does not exceed 50 V

**) B = Basic insulation, S = Supplementary insulation, R = Reinforced insulation

29.2	TABLE: Creepage distances, functional insulation							P
Working voltage (V):	**Creepage distance (mm) Pollution degree**							
	1	**2**			**3**			
		Material group			**Material group**			
		I	**II**	**IIIa/IIIb**	**I**	**II**	**IIIa/IIIb***	**Verdict / Remark**
≤10	0,08	0,4	0,4	0,4	1,0	1,0	1,0	
50	0,16	0,56	0,8	1,1	1,4	1,6	1,8	
125	0,25	0,71	1,0	1,4	1,8	2,0	2,2	
250	0,42	1,0	1,4	2,0	2,5	2,8	3,2	P
400	0,75	1,6	2,2	3,2	4,0	4,5	5,0	P
500	1,0	2,0	2,8	4,0	5,0	5,6	6,3	P
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	

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Clause	Requirement + Test	Result - Remark	Verdict

>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0	
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0	
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0	
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0	
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0	
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0	
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0	
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0	

Supplementary information:
*) Material group IIIb is allowed if the working voltage does not exceed 50 V

30.1	TABLE: Ball Pressure Test of Thermoplastics		P
Allowed impression diameter (mm) ..... :		2	—

Object/ Part No./ Material	Manufacturer/ trademark	Test temperature (°C)	Impression diameter (mm)
Thermotat knob	Simfer PP	75	0,7
Plastic foot	Simfer PP	75	0,8
Digital Timer	Okıda OT-2000 ***	125	1,2
	Okıda OT 4000	125	1,1
	Okida,OT-2100-LED	125	1,2
	Okida,OT-1000-2D	125	1,2
	Hualiyan ST85*	125	1,2
	SPEK SP5000S	125	1,1
	Hualiyan /Hualian 1312468R-****	125	1,2
	Hualiyan /Hualian N10904000075	125	1,1
	Hualian BST105W*	125	1,3
Motor	KFL,12038HA2	125	1,3
	Danişment FM 62 G 25/1...*	125	1,2

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

	Merzifon Motor EMF-10-001	125	1,3
Supplementary information:			

30.2	TABLE: Resistance to heat and fire - Glow wire tests							P
Object/ Part No./ Material	**Manufacturer / trademark**	**Glow wire test (GWT); (°C)**						**Verdict**
		550	**650**		**750**		**850**	
			te	**ti**	**te**	**ti**		
Connection box Terminal	Electro Terminal Kado 1/5 R5				X		X	pass
	Electro Terminal Kado 1/6 R5				X		X	pass
	Electro Terminal KADO 2/3				X		X	pass
	Nova Elektrik SL310				X		X	pass
	Nova Elektrik SL200				X		X	pass
	Sunner TB-02, TB-01				3	4	X	pass
	Electro Terminal KADO XT				X		X	pass
	Electro Terminal KADO FL				X		X	pass
	BIMED TH500				2	3	X	pass
	Electro Terminal Kado XM				X		X	pass
Thermostat	FOSHAN WGF*				X		X	pass
	FOSHAN WYF*				X		X	pass
	Changzhou Foland WY***-E*				3	4	X	pass

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Clause	Requirement + Test				Result - Remark			Verdict
	Zhongshan City Zhongheng WYF-xxx-yyyy				4	5	X	pass
	Tecasa NT-****				X		X	pass
	Zhejiang Skywell Electrical S-DAx				X		X	pass
Thermal cut-out	Foshan Tianpeng T1/**-**				X		X	pass
	Foshan Tianpeng KSD201/**				X		X	pass
	Mikroterm,LT04				2	3	X	pass
	Electrovac,Z42-43				X		X	pass
	Inter Control 161.....				X		X	pass
Rotary switch	Bernhardt& Schulte SERIE 3000				X		X	pass
	Bernhardt& Schulte SERIE 4000				X		X	pass
	Gottak 7LA				3	4	X	pass
	Eurel SR1-05				X		X	pass
	EGO 46.				X		X	pass
	EGO Serie 42.---.--				X		X	pass
	Gottak 46 RCTH				3	4	X	pass
	MXT BC2				2	3	X	pass
	EGO Serie 42.---.--				X		X	pass
	Tibon 4X0				4	5	X	pass
	Boltek RS3				3	4	X	pass
	AN-EL I10				X		X	pass
	Tibon,4*5				4	5	X	pass
	Ningbo Master Soken,RT-345-x				3	4	X	pass

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

Energy regulator	EGO 50.51---.---				X		X	Pass
	EGO 50.8****.***				X		X	Pass
	Zhejiang Alone IS108 D				2	3	X	Pass
	Zhejiang Alone IS101				2	3	X	Pass
	Diamond H 4*ER Series				3	4	X	Pass
SignalLamp	Hurst&Shroder r1550.56.....		X					pass
	AN-EL S10		X					pass
	AN-EL S20							
	Başoğlu HB6		X					pass
	AR-EL SL-400		X					pass
	Technocel ,0040/*		X					
Digital Timer	Okida OT-2000 ***				2	3	X	pass
	Okida OT 4000				2	3	X	pass
	Okida OT2100-LED				2	3	X	pass
	Hualian BST105WT*				3	4	X	pass
	Hualiyan ST85*				3	4	X	pass
	Spek SP5000S				3	4	X	pass
	Hualiyan 1312468R-****				5	6	X	pass
	Hualiyan N10904000075				2	3	X	pass
	Yangzhou Java electric DST2060-xy				2	3	X	pass
	Hualian,BST105W*				3	4	X	pass
	Yangzhou Java,DST2060-xy				2	3	X	pass

IEC 60335-2-6								
Clause	Requirement + Test				Result - Remark			Verdict
Timer	Hangzhou franden DKJ-Y				X		X	pass
	Coupatan-analog AT.				X		X	pass
	Hangzhou Canrich DKJ-Y				X		X	pass
	Hangzhou Guanzuan ,DKJ/1*				X		X	pass
	Jiangsu shalong SL….				X		X	pass
	Italora srl SN serie				X		X	pass
Fan motor	KFL,12038HA 2		X					pass
	Danişment FM 62 G 25/1...*		X					Pass
	Merzifon Motor EMF-10-001		X					Pass
	Hunan Keli YJ**		X					Pass
	Lepuda PLD61-14		X					Pass
	Merzifon EMF-15-001		X					Pass
	Rotech SP-10-AF-001		X					Pass
	Ningbo Huayi HY6025V240		X					Pass
	AKSA AKS-686		X					Pass
	Sunon wealth A2123-HBL		X					Pass
	Hunan Keli YJ61-12A-HZ02		X					Pass

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

Grill motor	CIXI Juling 49TYJ		X				Pass
	Ningbo yinzhou LixingKXTYZ		X				Pass
	Ningbo yinzhou Shiqi jiliTYD***-*		X				Pass
	Meteor ,981		X				Pass
	Meteor S.A.,981						
	Ningbo Huayi Motor KXTYZ-CV240H		X				Pass
	Ningbo Sijia Electric TY 49-A, TY49-B		X				Pass
Plastic foot	Simfer PP	X					pass
Plastic knob	Simfer PP	X					pass

Object/ Part No./ Material	Manufacturer / trademark	Glow-wire flammability index (GWFI), °C				GW ignition temp. (GWIT), °C		Verdict
		550	650	750	850	675	775	

The test specimen passed the glow wire test (GWT) with no ignition [($t_e - t_i$) ≤ 2s] (Yes/No):	Yes
If no, then surrounding parts passed the needle-flame test of annex E (Yes/No)..... :	N/A
The test specimen passed the test by virtue of most of the flaming material being withdrawn with the glow-wire (Yes/No)?.....:	Yes
Ignition of the specified layer placed underneath the test specimen (Yes/No) .....:	No

Supplementary information:

- 550 °C GWT not relevant (or applicable) to parts of material classified at least HB40 or if relevant HBF
- The GWIT pre-selection option, the 850 °C GWFI pre-selection option, and the 850 °C GWT are not relevant (or applicable) for attended appliances

30.2/30.4	TABLE: Needle- flame test (NFT)				N/A
Object/ Part No./ Material	**Manufacturer/ trademark**	**Duration of application of test flame (ta); (s)**	**Ignition of specified layer Yes/No**	**Duration of burning (tb) (s)**	**Verdict**

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

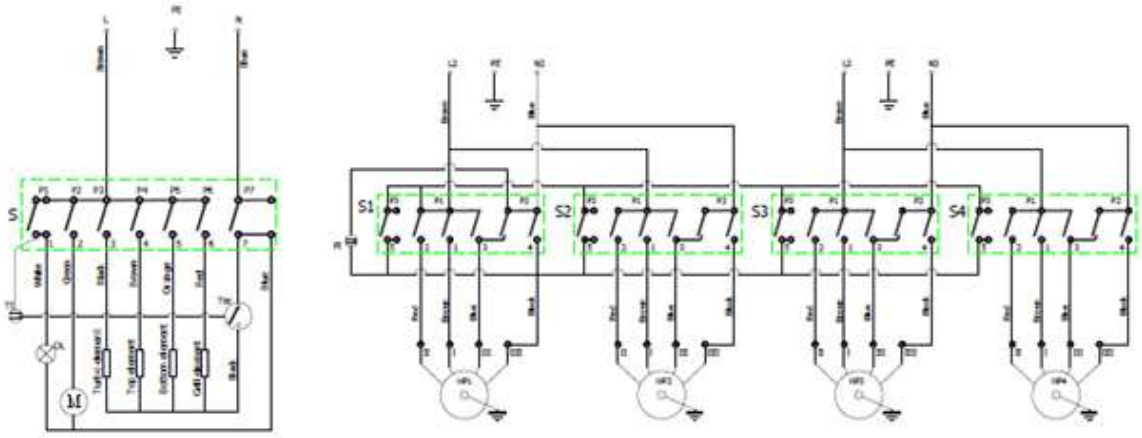
Supplementary information: - NFT not relevant (or applicable) for Parts of material classified as V-0 or V-1 - NFT not relevant (or applicable) for Base material of PCBs classified as V-0 or if relevant VTM-0					

List of test equipment used:

Clause	Measurement / testing	Testing / measuring equipment / material used, (Equipment ID)	Range used	Last Calibration date	Calibration due date
Cl.8	Test finger/probe B	Test finger Apsis/DP 100	-	13.11.2020	13.11.2021
Cl.8	Test finger 18	Test finger Apsis/DP 101	-	13.11.2020	13.11.2021
Cl.11 and cl.19	power supply/ Power and heating test	AINUO ANF 0015TF	0-350 V 0-45 KVA	27.02.2021	27.02.2022
cl.10.1	Power metter/ power measurement	Yokogowa / WT310		17.09.2021	17.09.2022
Cl.13.2 and 16.2	leakage test/lekage current measurement	AINUO AN-9651TH(F)	0-25 mA	27.02.2021	27.02.2022
Cl.13.3 and 16.3	HV test/high voltage test	AINUO AN-9651TH(F)	0-4 kV	27.02.2021	27.02.2022
Cl.13 and 16	leakage test/lekage current measurement	Fluke 117	0-30 mA	17.09.2020	17.09.2021
Cl.11.8 and cl.19	Temp. Measure/heating and abnormal op. test	DTE-001/Temperature recorder /Agilent	0-1200 ˚C	05.10.2020	05.10.2021
Cl.15.3	Climatic Chamber/humidity test	Nüve/Humidity cabinet/ ID301 /20180	T -40/150 C - %Rh 35-98	29.10.2020	29.10.2021
Cl.21	Impact hummer	Ordel	Between 0,20 J and 1 J	09.2020	09.2021
Cl.24	Dinamometre/ mechanical tests	Force Guage dynamometer/	0-50 KG	15.08.2020	15.08.2021
Cl. 27	Earthing tester/ earthing resistance	AUNUO AN-9651TH(F)	0- 2 ohm	27.02.2021	27.02.2022
Cl.28	Torque meter /torque for screws	Torquemeter / Paddy BMS	1-10 N	05.03.2021	05.03.2022
cl.29	Calipper /distance measurements	Mitutoyo/25796	0-150 mm	15.10.2020	15.10.2021
Cl.30.1	Ball pressure tester	Ordel	20 N	13.11.2020	13.11.2021
Cl.30.1	Oven	Nüve ID301 /20180	-40/150 C	01.2021	01.2022
cl.30.2	Glow wire tester	Ordel /OC770-00/00/1100	0-950 C	04.2021	04.2022
Annex N	Tracking Test Apparatus	EE-052	100-600V	09.2020	09.2021

--End of the report--

Attachment 1 Electric Diagram



--End of the attachment -

Attachment 2 Photo Documentation

Details of view :	MFT1 6049NERBB	[X] general	[ ] front	[ ] rear	[ ] right	[ ] inside

Details of view :	MFT1 6049NERBB	[ ] general	[ ] front	[] rear	[X] left	[ ] inside

Details of view :	MF 16049NERBB	[] general	[ ] front	[X] rear	[ ] right	[ ] inside

Details of view :	MFT1 6049NERBB	[X] general	[ ] front	[ ] rear	[ ] right	[ ] inside

Details of view :	MFT1 6049NERBB	[] general	[X] front	[ ] rear	[ ] right	[ ] inside

Details of view :	MFT1 6049NERBB	[ ] general	[X] front	[ ] rear	[ ] right	[ ] inside

Details of view :	MFT1 6049NERBB	[] general	[X] front	[ ] rear	[ ] right	[ ] inside

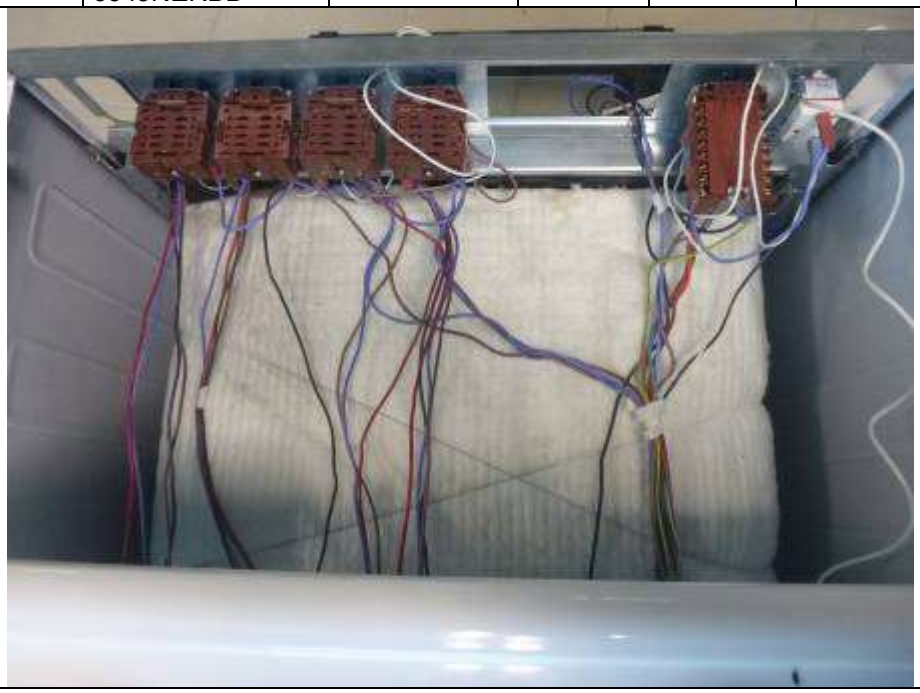
Details of view :	MFT1 6049NERBB	[] general	[ ] front	[ ] rear	[ ] right	[X] inside

Details of view :	MFT1 6049NERBB	[ ] general	[ ] front	[X] rear	[ ] right	[ ] inside

Details of view :	MFT1 6049NERBB	[ ] general	[ ] front	[X] rear	[ ] right	[ ] inside

Details of view :	MFT1 6049NERBB	[ ] general	[ ] front	[X] rear	[ ] right	[ ] inside

Details of view :	MFT1 6049NERBB	[ ] general	[ ] front	[ ] rear	[ ] right	[X] inside



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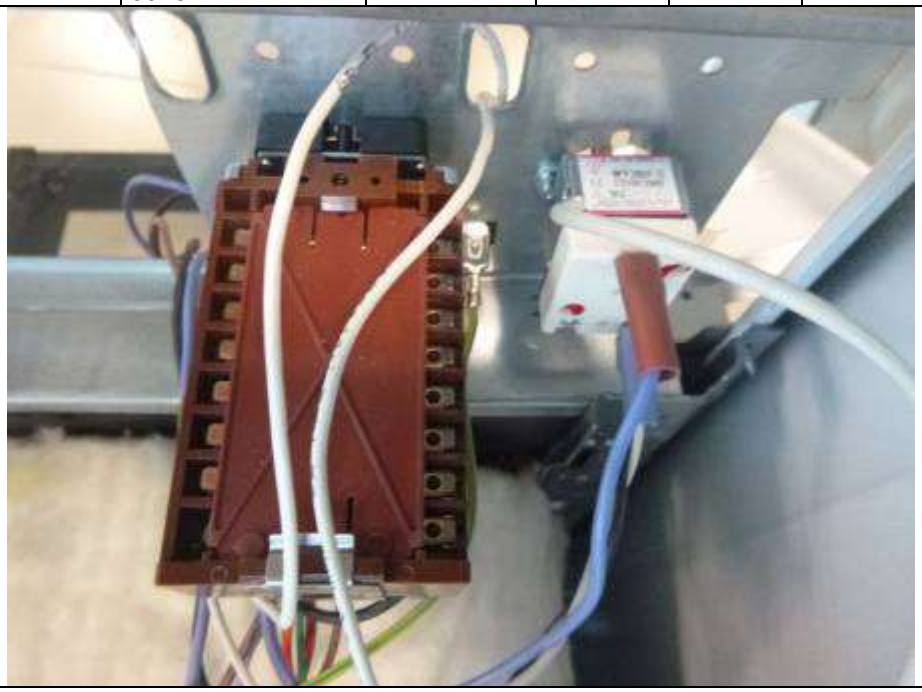

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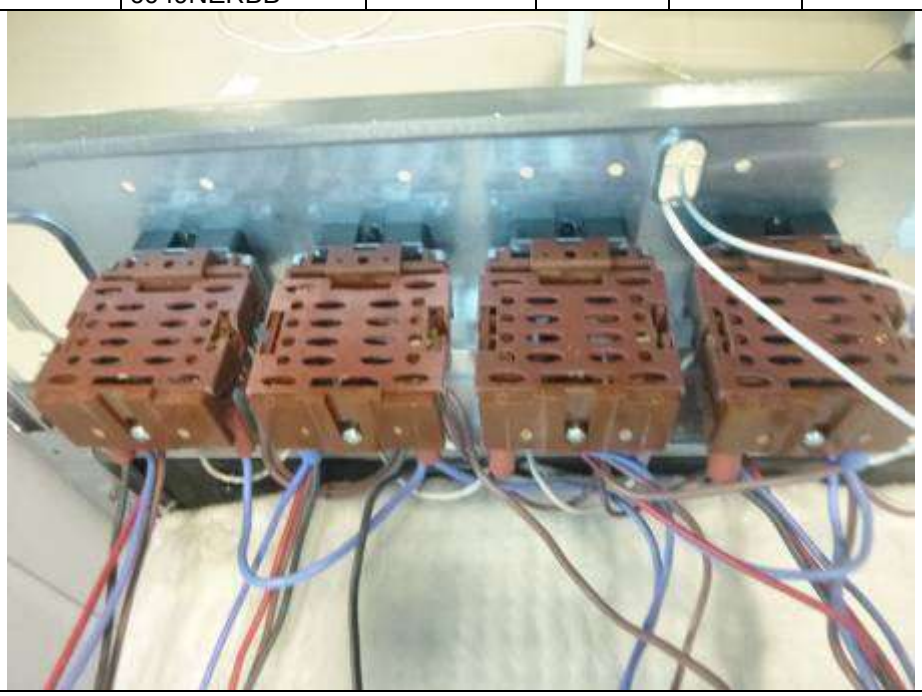

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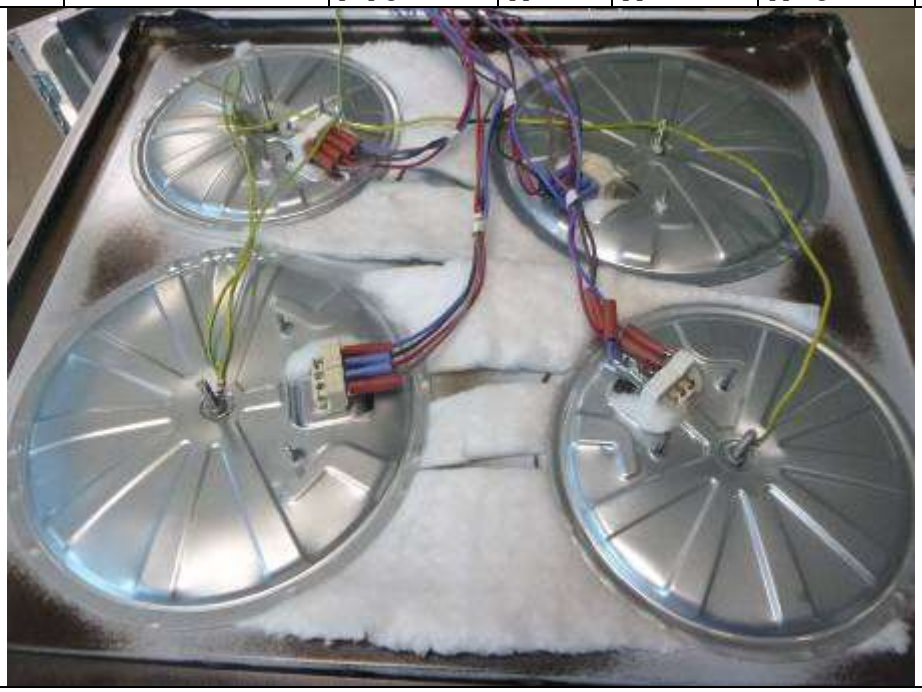
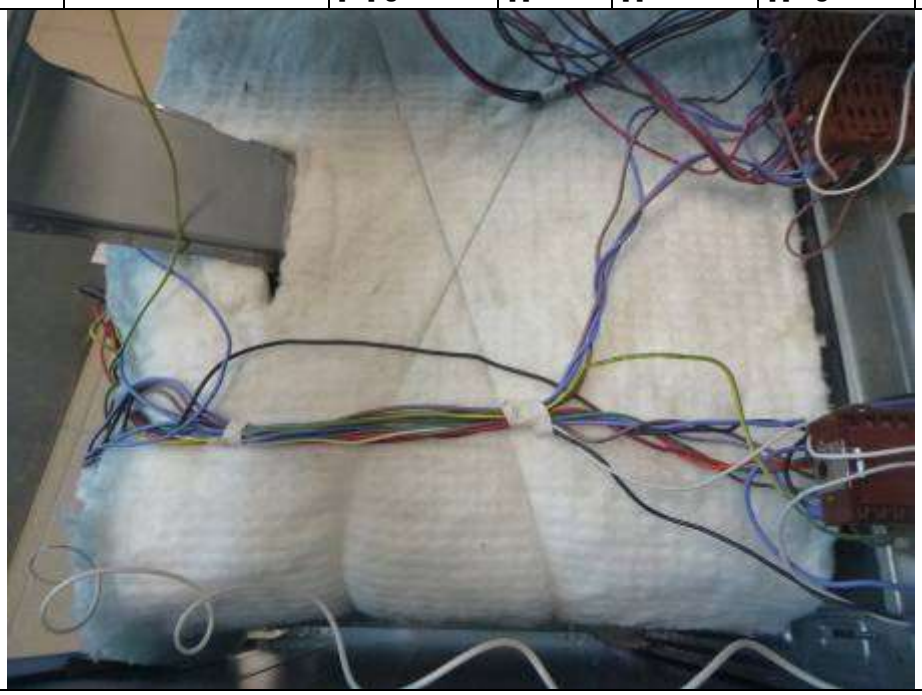
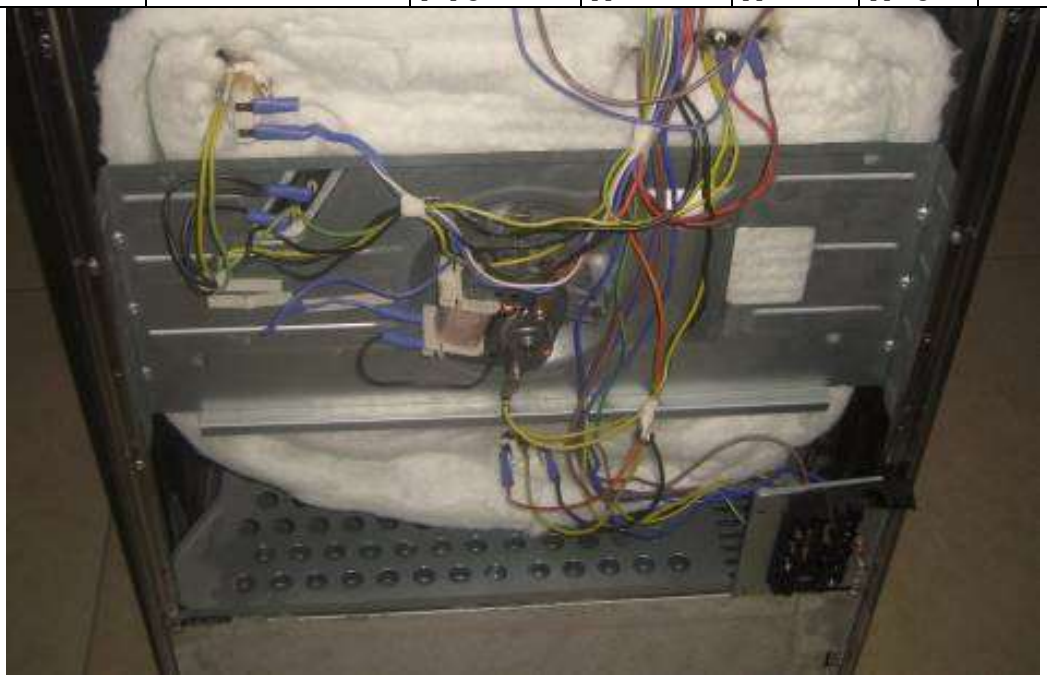


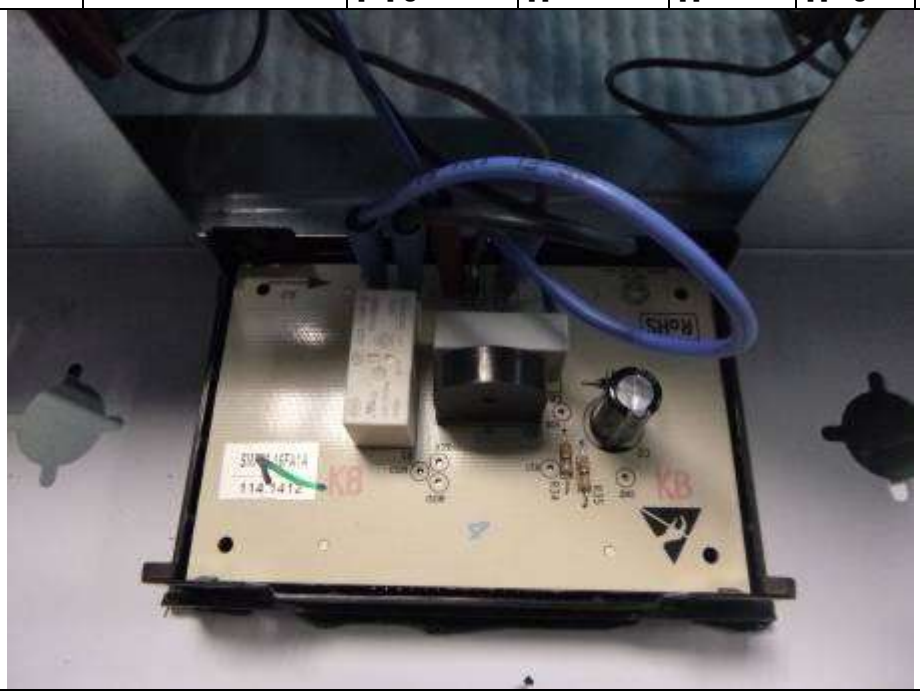
Details of view :	MFT1 6049NERBB	[ ] general	[ ] front	[ ] rear	[ ] right	[X] inside



Details of view :	MFT1 6049NERBB	[ ] general	[ ] front	[ ] rear	[ ] right	[X] inside



Details of view :	MFT1 6049NERBB	[ ] general	[ ] front	[ ] rear	[ ] right	[X] inside



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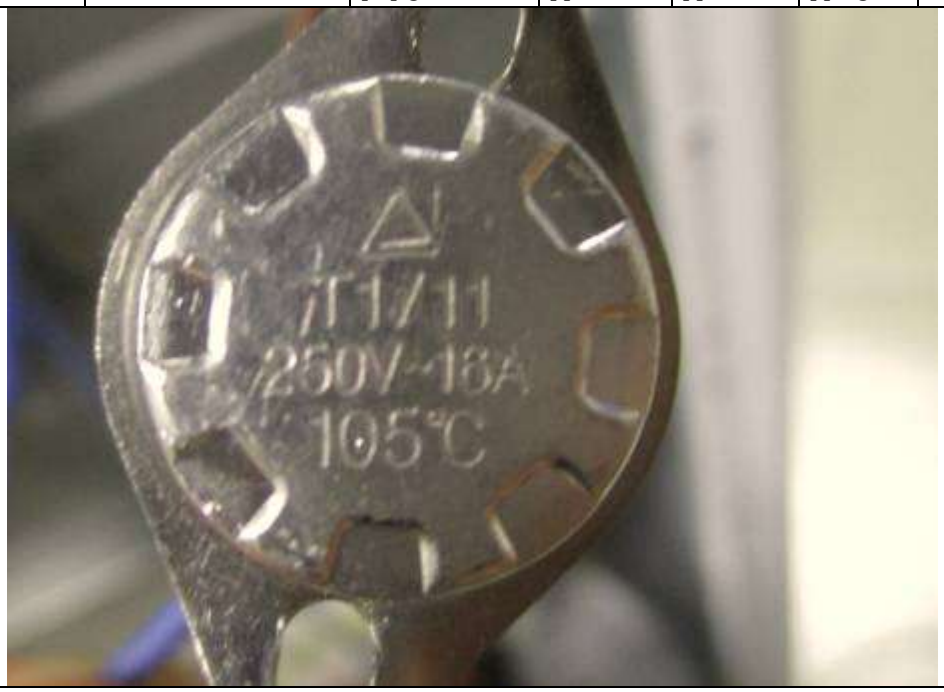

Details of view :	MFT1 6049NECBB	[X] general	[ ] front	[ ] rear	[ ] right	[] inside

Details of view :	MFT1 6049NECBB	[X] general	[ ] front	[ ] rear	[ ] right	[ ] inside

Details of view :	MFT1 6049NECBB	[X] general	[ ] front	[ ] rear	[ ] right	[ ] inside

Details of view :	MFT1 6049NECBB	[] general	[ ] front	[ ] rear	[ ] right	[X] inside

Details of view :	MFT1 6049NECBB	[] general	[ ] front	[ ] rear	[ ] right	[X] inside

Details of view :	MFT1 6049NECBB	[ ] general	[X] front	[ ] rear	[ ] right	[ ] inside

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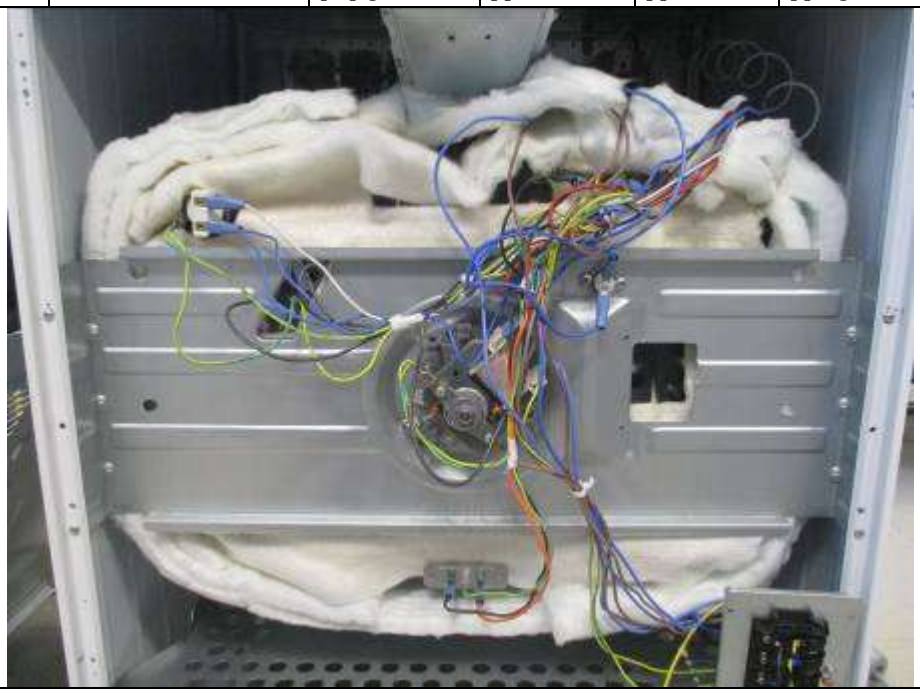
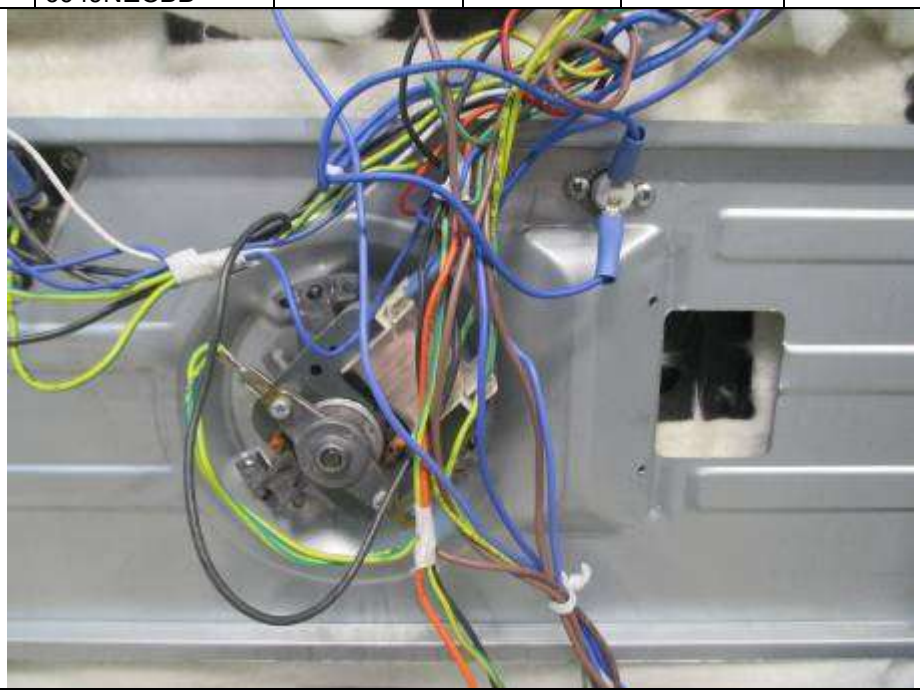
Details of view :	MFT1 6049NECBB	[ ] general	[ ] front	[X] rear	[ ] right	[ ] inside

Details of view :	MFT1 6049NECBB	[ ] general	[ ] front	[ ] rear	[ ] right	[X] inside

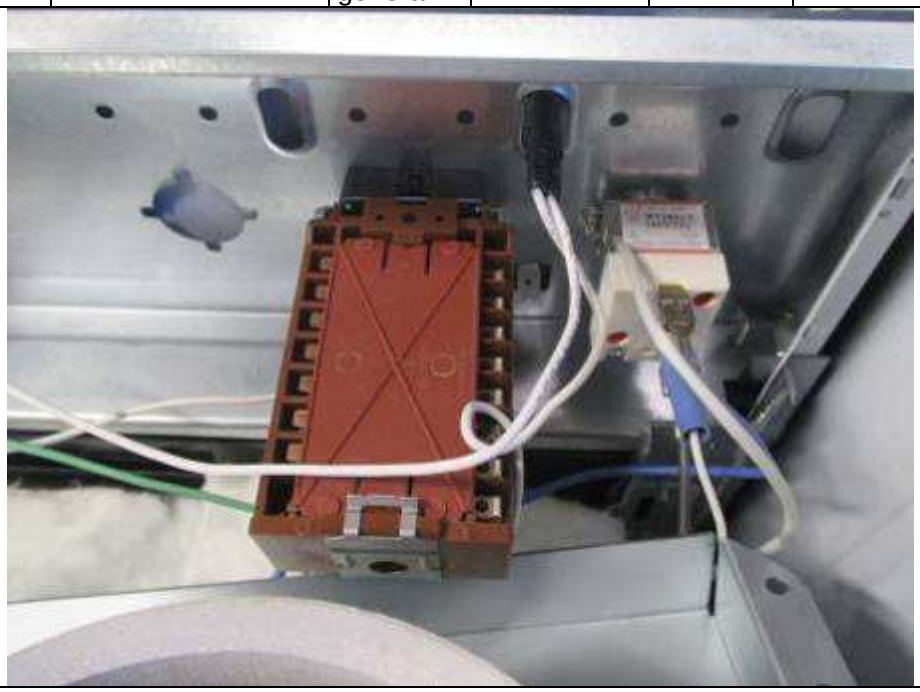


Details of view :	MFT1 6049NECBB	[ ] general	[ ] front	[ ] rear	[ ] right	[X] inside



Details of view :	MFT1 6049NECBB	[ ] general	[ ] front	[ ] rear	[ ] right	[X] inside

Details of view :		[ ] general	[ ] front	[ ] rear	[ ] right	[X] inside



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Details of view :		[ ] general	[X] front	[ ] rear	[ ] right	[ ] inside

Details of view :		[X] general	[ ] front	[ ] rear	[ ] right	[ ] inside

Details of view :		[ ] general	[ ] front	[ ] rear	[X] left	[ ] inside

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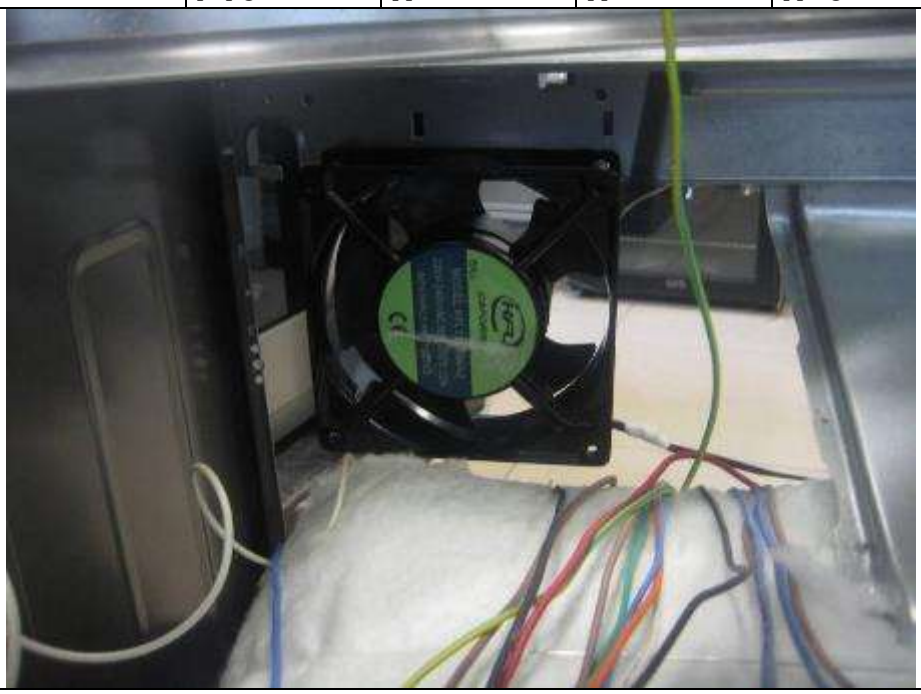

Details of view :	MFT1-7045NERBB	[X] general	[ ] front	[ ] rear	[ ] right	[ ] inside

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Details of view :		[ ] general	[X] front	[ ] rear	[ ] right	[ ] inside

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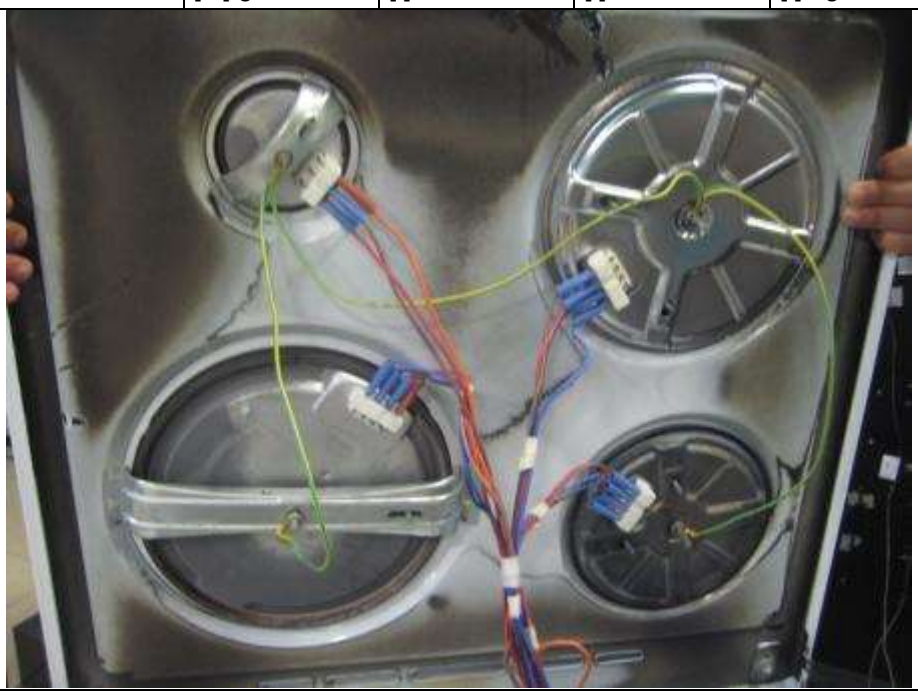
Details of view :		[ ] general	[ ] front	[ ] rear	[ ] right	[X] inside



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--End of the attachment--

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
ATTACHMENT TO TEST REPORT **IEC 60335-1** **EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES** Household and similar electrical appliances – Safety – Part 1: GENERAL REQUIREMENTS			
Differences according to.....:	EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019 EN 62233:2008 + AC:2008		
Attachment Form No.....:	EU_GD_IEC60335_1X		
Attachment Originator .....:	Nemko AS		
Master Attachment.....:	2019-09-24		
	CENELEC COMMON MODIFICATIONS (EN)		
6.1	Delete “class 0” and “class 01”		P
7.1	Single-phase appliances to be connected to the supply mains: 230 V covered		P
	Multi-phase appliances to be connected to the supply mains: 400 V covered		P
7.12	The instructions include the substance of the following:		
	- this appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved		P
	- children shall not play with the appliance		P
	- cleaning and user maintenance shall not be made by children without supervision		P
8.1.1	Also test probe 18 of EN 61032 is applied		P
	The appliance being in every possible position during the test, except that		P
	appliances normally used on the floor and having a mass exceeding 40 kg are not tilted		P
	The force on the probe in the straight position is increased to 10 N when probe 18 is used		P

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
	When using test probe 18 the appliance is fully assembled as in normal use without any parts removed, and		P
	parts intended to be removed for user maintenance are also not removed		P
8.1.3	Instead of test probe B, test probe 18 and test probe 13, for appliances other than those of class II, test probe 41 of IEC 61032 is applied with a force not exceeding 1 N to live parts of visibly glowing heating elements, all poles of which can be disconnected by a single switching action		P
8.2	Compliance is checked by inspection and by applying the test probes of EN 61032 in accordance with the conditions specified in 8.1.1		P
	Test probe B and probe 18 of EN 61032 are applied to built-in appliances and fixed appliances only after installation		P
15.1.2	Appliances with an automatic cord reel tested with the cord in the most unfavourable position so that the reeling of the wet cord may affect electrical insulation during operation, the cord not being dried before reeling		N/A
20.2	For appliances having dangerous moving parts, due to their working function, e.g. the needle of a sewing machine, tools of kitchen machines or the blade of an electrical knife, full protection is not possible for performing their intended use		P
	When using a test probe similar to test probe B of EN 61032, having a circular stop face and applied with a force of 5N, the accessories and detachable covers are removed		P
	When using test probe 18 it is applied with a force of 2,5N on the appliance fully assembled		P
22.12	Other parts intended to be detached during use, maintenance or cleaning (e.g. batteries, battery covers, lids, attachments, steam nozzles) are not considered as parts providing a similar function as handles, knobs, grips, levers		P
22.17	The requirement is not applicable to built-in appliances		N/A
24.1	Components comply with the safety requirements specified in the relevant EN standards as far as they reasonably apply		P

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
	Motors are not required to comply with EN 60034-1, but tested as part of the appliance according to this standard		N/A
	Relays are tested as part of the appliance according to this standard		P
	Relays may be alternatively tested to EN 60730-1 and the additional requirements in EN 60335-1		N/A
	The requirements of Clause 29 of this standard apply between live parts of components and accessible parts of the appliance		P
	Components may comply with the requirements for clearances and creepage distances for functional insulation as specified in the relevant component standard		P
	The requirements of 30.2 of this standard apply to parts of non-metallic material in components including parts of non-metallic material supporting current-carrying connections inside components		P
	Components that have not been tested and shown to comply with the EN standard for the relevant component are tested according to the requirements of 30.2 of this standard		N/A
	Components that have been tested and shown to comply with the resistance to fire requirements in the EN standard for the relevant component need not be retested provided that:		
	- the severity specified in the component standard is not less than the severity specified in 30.2, and		P
	- the test report for the component states the values of t_e and t_i acc. to EN 60695-2-11		P
	If the above two conditions are not satisfied, the component is tested as part of the appliance		P
	Power electronic converter circuits are not required to comply with EN 62477-1, but tested as part of the appliance according to this standard		N/A
	Unless components have been tested and found to comply with the relevant EN standard for the number of cycles specified, they are tested in accordance with 24.1.1 to 24.1.9		P
	For components mentioned in 24.1.1 to 24.1.9, no additional tests specified in the relevant EN standard for the component are necessary other than those specified in 24.1.1 to 24.1.9		N/A

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
	Components that have not been tested and found to comply with the relevant EN standard, and		P
	components that are not marked or not used in accordance with their marking,		P
	are tested in accordance with the conditions occurring in the appliance, the number of samples being that required by the relevant standard		P
	Lamp-holders and starter-holders that have not been tested and found to comply with the relevant EN standard are tested as a part of the appliance and additionally comply with the gauging and interchangeability requirements of the relevant EN standard under the conditions occurring in the appliance		N/A
	Where the relevant EN standard specifies these gauging and interchangeability requirements at elevated temperatures, the temperatures measured during the tests of Clause 11 are used		N/A
	There are no additional tests specified for nationally standardized plugs such as those detailed in IEC/TR 60083 or connectors complying with the standard sheets of EN 60320-1 and EN 60309, unless they are specifically mentioned in the text of this standard		P
	Plugs and socket-outlets and other connecting devices of interconnection cords are not interchangeable with plugs and socket-outlets listed in IEC/TR 60083 or IEC 60906-1, or		N/A
	with connectors and appliance inlets complying with the standard sheets of EN 60320-1, if		N/A
	direct supply to these parts from the supply mains gives rise to a hazard		N/A
	For plugs used in CENELEC countries Annex ZH applies		N/A
24.1.7	When the remote operation of the appliance is via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is EN 41003		N/A
	Compliance with Clause 8 of this standard is not impaired by connecting the appliance to a device covered by EN 41003		N/A
24.Z1	Type S2 and S3 capacitors according to EN 60252-1 are not required to undergo the testing as required by 30.2.2 and 30.2.3.1		N/A

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
25.1	Plugs and pins for insertion into socket outlets follow the relevant standards sheets in Annex ZH		N/A
25.7	Rubber sheathed cords (60245 IEC 53) are not suitable for appliances intended to be used outdoors, or		N/A
	when they are liable to be exposed to significant amount of ultraviolet radiation		N/A
25.25	Instead of IEC/TR 60083, dimensions of the pins and engagement face of plugs of appliances that are inserted into socket-outlets are in accordance with the dimensions of the relevant plug standard		N/A
	Common plugs and socket-outlets types in CENELEC countries as shown in Annex ZH		N/A
26.11	Conductors connected by soldering are not considered to be positioned or fixed so that reliance is not placed upon the soldering alone to maintain them in position,		N/A
	unless they are held in place near the terminals independently of the solder		N/A
29.3.Z1	Appliance constructed so that if there is a possibility of damaging the insulation during installation, the insulation withstands the scratch and penetration test of 21.2		P
32	Compliance regarding electromagnetic fields is checked according to EN 62233		P
Annex I, 19.I.101	The appliance is supplied at rated voltage and operated under normal operation with each of the fault conditions specified		P
	The duration of any of the tests is as specified in 19.7		N/A
ZA	**ANNEX ZA (**NORMATIVE) **SPECIAL NATIONAL CONDITIONS (EN)**		
	Denmark, Sweden, Norway and Finland		
7.12.8	The maximum inlet water pressure is at least 1,0 MPa ....:		N/A
	Norway		
19.5	The test is also applicable to appliances intended to be permanently connected to fixed wiring		P

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
	Norway		
22.2	The second paragraph of this subclause, dealing with single-phase, permanently connected class I appliances having heating elements, is not applicable due to the supply system		P
	Denmark		
22.47	The maximum inlet water pressure is at least 1,0 MPa ....:		N/A
	Ireland and United Kingdom		
25.8	In the table, the line >10 A and ≤16 A is replaced with:		
	> 10 and ≤ 13 1,25 (1,0)[b]		N/A
	> 13 and ≤ 16 1,5 (1,0)[b]		N/A
ZB	**ANNEX ZB** (INFORMATIVE) **A-DEVIATIONS**		
	Ireland		
25.1 and 25.25	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs complying with I.S. 401:1997, or equivalent, to be fitted to domestic appliances		N/A
	United Kingdom		
25.1 and 25.25	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs to BS 1363 to be fitted to domestic appliances.		N/A
	It also allows plugs to BS 4573 and EN 50075 to be fitted to shavers and toothbrushes		N/A

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
ZC	**ANNEX ZC** (NORMATIVE) **NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR CORRESPONDING EUROPEAN PUBLICATIONS**		
	A list of documents referred to in the text of this standard in such a way that some or all of their content constitutes requirements of this document		P
ZD	**ANNEX ZD** (INFORMATIVE) **IEC and CENELEC CODE DESIGNATIONS FOR FLEXIBLE CORDS**		
	List of IEC and CENELEC code designations for flexible cords		P
ZE	**ANNEX ZE** (INFORMATIVE) **SPECIFIC ADDITIONAL REQUIREMENTS FOR APPLIANCES AND MACHINES INTENDED FOR COMMERCIAL USE**		
7.1	Business name and full address of the manufacturer and, where applicable, his authorized representative .....:		N/A
	Model or type reference.....:		N/A
	Serial number, if any		N/A
	Production year		N/A
	Designation of the appliance .....:		N/A
7.12	Instructions provided with the appliance so that the appliance can be used safely		N/A
	The instructions contain at least the following information:		
	- the business name and full address of the manufacturer and, where applicable, his authorized representative		N/A
	- model or type reference of the appliance as marked on the appliance itself, except for the serial number		N/A
	- the designation of the appliance together with its explanation in case it is given by a combination of letters and/or numbers		N/A
	- the general description of the appliance, when needed due to the complexity of the appliance		N/A
	- specific precautions required during installation, operation, adjusting, user maintenance, cleaning, repairing or moving		N/A

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
	- when needed drawings, diagrams, descriptions and explanations necessary for the safe use and user maintenance of the appliance		N/A
	- the possible reasonably foreseeable misuse and, whenever relevant, a warning against the effects it may have on the safe use of the appliance		N/A
	The words “Original instructions” appear on the language version(s) verified by the manufacturer or by the authorized representative		N/A
	When a translation of the original instructions has been provided by a person introducing the appliance on the market; the meaning of the sentence “Translation of the original instructions” appear in the relevant instructions delivered with the appliance		N/A
	The instructions for maintenance/service to be done by specialized personnel, mandated by the manufacturer or the authorized representative may be supplied in only one Community language which the specialized personnel understand		N/A
	The instructions indicate the type and frequency of inspections and maintenance required for safe operation including the preventive maintenance measures		N/A
7.12.ZE1	If needed for specific appliances, the following information to be given:		
	- on use, transportation, assembly, dismantling when out of service, testing or foreseeable breakdowns, if these operations have consequences on stability of the appliance in order to avoid overturning, falling or uncontrolled movements of the appliance or of its component parts		N/A
	- on how to maintain adequate mechanical stability when in use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance		N/A
	- on the protective measures to be taken by the user, including, where appropriate, the personal protective equipment to be provided		N/A
	- on the operating method to be followed in the event of accident or breakdown; if a blockage is likely to occur the operating method to safely unblock the appliance		N/A

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
	- on the specifications on the spare parts to be used, when these affect the health and safety of the operator		N/A
	- on airborne noise emissions, determined and declared in accordance with the relevant Part 2, which includes:		
	- the A-weighted emission sound pressure level at workstations, where this exceeds 70 dB(A).....;		N/A
	- where this level does not exceed 70 dB(A), this fact is indicated		N/A
	- the peak C-weighted instantaneous sound pressure value at workstations, where this exceeds 63 Pa (130 dB in relation to 20 µPa).....:		N/A
	- the A-weighted sound power level emitted by the machinery, where the A-weighted emission sound pressure level at workstations exceeds 80 dB(A).....:		N/A
7.12.ZE2	The instructions include a warning to disconnect the appliance from its power source during service and when replacing parts		N/A
	If the removal of the plug is foreseen, it is clearly indicated that the removal of the plug is such that an operator can check from any of the points to which he has access that the plug remains removed		N/A
	If this is not possible, due to the construction of the appliance or its installation, a disconnection with a locking system in the isolated position is provided		N/A
19.11.4.8	The appliance continues to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage fluctuation occurred, or		N/A
	a manual operation is required to restart it		N/A
20.1	Appliances and their components and fittings have adequate mechanical stability during transportation, assembly, dismantling and any other action involving the appliance		N/A
20.2	Dangerous moving transmission parts safeguarded either by design or guards		N/A
	When guards are used, they are fixed guards, interlocking movable guards or protective devices		N/A

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
	Moving parts directly involved in the function of the appliance which cannot be made completely inaccessible fitted with:		
	- fixed guards or interlocking movable guards preventing access to those sections of the parts that are not used in the work, and		N/A
	- adjustable guards restricting access to those sections of the moving parts where access is necessary		N/A
	Interlocking movable guards used where frequent access is required		N/A
21.1	Appliances and their components and fittings have adequate mechanical strength and is constructed to withstand such rough handling that may be expected in normal use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance		N/A
22.ZE.1	For appliances provided with a seat, the seat gives adequate stability		N/A
	The distance between the seat and the control devices capable of being adapted to the operator		N/A
22.ZE.2	For appliances provided with separate devices for the start and the stop functions, the stop function is unambiguously identifiable and does always override the start function		N/A
	For appliances provided with one device performing the start and the stop function, the stop function is unambiguously identifiable and does always override the start function		N/A
22.ZE.3	Appliances designed in such a way that incorrect mounting is avoided, if this can lead to an unsafe situation		N/A
	If this is not possible, information on the correct mounting is given directly on the part and/or the enclosure		N/A
22.ZE.4	Where the weight, size or shape prevents appliances from being moved manually, they are fitted with attachments for lifting gear, or		N/A
	so designed that they can be fitted with such attachments, or		N/A
	be shaped in such a way that standard lifting gear can easily be used		N/A

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
	Appliances to be moved manually are constructed or equipped so that they can be moved easily and safely		N/A
22.ZE.5	The fixing systems of fixed guards which prevent access to dangerous moving transmission parts only removable with the use of tools		N/A
	If such guards have to be removed by the user for routine cleaning or maintenance their fixing systems remain attached to the fixed guards or to the machine after removal		N/A
	Where possible, guards are incapable of remaining in place without their fixings		N/A
	This does not apply if, after removal of the screws, or if the component is incorrectly repositioned, the appliance becomes inoperative		N/A
	Movable guards are interlocked		N/A
	The interlocking devices prevent the start of hazardous appliance functions until the guards are fixed in their position, and give a stop command whenever they are no longer closed		N/A
	Where it is possible for an operator to reach the danger zone before the risk due to hazardous appliance functions has ceased, movable guards associated with a guard locking device in addition to an interlocking device that:		
	- prevents the start of hazardous appliance functions until the guard is closed and locked, and		N/A
	- keeps the guard closed and locked until the risk of injury from the hazardous appliance functions has ceased		N/A
	Interlocking movable guards remain attached to the appliance when open, and		N/A
	they are designed and constructed in such a way that they can be adjusted only by means of an intentional action		N/A
22.ZE.6	Interlocking movable guards designed in such a way that the absence or failure of one of their components prevents starting or stops the hazardous appliance functions		N/A
	The guard is opened to the extent needed to cause the interlocking to operate and is then closed, the number of operations being defined in the specific Part 2.....:		N/A

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
	After this test any defect that may be expected in normal use is applied to the interlock system, including interruption of the supply, only one defect being simulated at a time		N/A
	After these tests the interlock system is fit for further use		N/A
22.ZE.7	Adjustable guards restricting access to areas of the moving parts strictly necessary for the work are:		
	- adjustable manually or automatically, depending on the type of work involved, and		N/A
	- readily adjustable without the use of tools		N/A
22.ZE.8	In case of interruption, re-establishment after an interruption or fluctuation in whatever manner of the power supply, the appliance does not restart		N/A
	However, automatic restarting of the operation is allowed if the appliance may continue to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage interruption or fluctuation occurred		N/A
22.ZE.9	Appliances fitted with means to isolate them from all energy sources		N/A
	Such isolators are clearly identified, and		N/A
	they are capable of being locked if reconnection endanger persons		N/A
	After the energy source is disconnected, it is possible to dissipate any energy remaining or stored in the circuits of the appliance without risk to persons		N/A
ZF	**ANNEX ZF** (INFORMATIVE) **CRITERIA APPLIED FOR THE ALLOCATION OF PRODUCTS COVERED BY STANDARDS IN THE EN 60335 SERIES UNDER LVD OR MD**		
	List of standards under CENELEC/TC61 with the allocation under the LVD (Low Voltage Directive) or the MD (Machinery Directive) .....:	LVD Directive :2014/35/EU	P
ZG	**ANNEX ZG** (NORMATIVE) **UV APPLIANCES**		
	The following modifications to this standard apply to appliances having UV emitters		N/A

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
	This annex is not applicable to appliances covered by the scopes of IEC 60335-2-27, IEC 60335-2-59 or IEC 60335-2-109		N/A
7.12.ZG	The instructions for appliances incorporating UVC emitters include the substance of the following: WARNING — This appliance contains a UV emitter. Do not stare at the light source		N/A
32	For appliances incorporating UV emitters the manufacturer delivers a declaration providing evidence that the plastic material exposed to the radiation is UV resistant		N/A
ZH	**ANNEX ZH** (INFORMATIVE) **Common plug and socket-outlet types in CENELEC countries**		
	In general, supply cords of single-phase appliances having a rated current not exceeding 16 A are fitted with a plug complying with the following standard sheets:		
	- for class I appliances or class II appliances with functional earth, standard sheet EU2, EU3 or EU4 .....:		N/A
	- for class II appliances, standard sheet EU5, EU6 or EU7 .....:		N/A
	There are exemptions or differences in certain CENELEC countries		N/A
ZI	**ANNEX ZI** (INFORMATIVE) **Information on the application of A11:2014 to EN 60335-1:2012 CENELEC CLC/TC 61(SEC)2096A**		
	Clarification of the application of parts 2 in conjunction with the 2002 or 2012 version of EN 60335-1		P
ZZA	**ANNEX ZZA** (INFORMATIVE) **RELATIONSHIP BETWEEN THIS EUROPEAN STANDARD AND THE SAFETY OBJECTIVES OF DIRECTIVE 2014/35/EU [2014 OJ L96} AIMED TO BE COVERED**		
	This standard provides one means of conforming to safety objectives of Directive 2014/35/EU		P
	When cited in the Official Journal under that Directive, compliance with the normative clauses of this standard given in Table ZZA.1 confers a presumption of conformity with the safety objectives of that Directive and associated EFTA regulations		P

Attachment 3	IEC 60335_1X ATTACHMENT		
Clause	Requirement + Test	Result - Remark	Verdict
	Compliance with this Part 1 when used together with the relevant Part 2 provides one means of conformity with the safety objectives		P
ZZB	**ANNEX ZZB** (INFORMATIVE) **RELATIONSHIP BETWEEN THIS EUROPEAN STANDARD AND THE ESSENTIAL REQUIREMENTS OF DIRECTIVE 2006/42/EC AIMED TO BE COVERED**		
	This standard provides one means of conforming to essential requirements of EU Directive 2006/42/EC		P
	When cited in the Official Journal under that Directive, compliance with the normative clauses of this standard given in Table ZZB.1 confers a presumption of conformity with the essential requirements of that Directive and associated EFTA regulations		P
	Compliance with this Part 1 when used together with the relevant Part 2 provides one means of conformity with the essential health and safety requirements		P
	ANNEX EN 62233:2008 + AC:2008 **EMF- ELECTROMAGNETICS FIELDS**		
	The tested product also complies with the requirements of EN 62233:2008		
	Limit ……100%	Measured max. :1,5%	P

--End of the attachment--

Attachment 4

IEC60335_2_6Q - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
ATTACHMENT TO TEST REPORT IEC 60335-2-6 **EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES** (Household and similar electrical appliances – Safety – Part 2: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances)			
Differences according to.....:	EN 60335-2-6:2015 used in conjunction with EN 60335-1:2012 EN 62233:2008		
Attachment Form No.....:	EU_GD_IEC60335_2_6Q		
Attachment Originator .....:	LCIE		
Master Attachment.....:	2018-04-13		

IEC 60335-2-6 - ATTACHMENT EN 62233:2008			
Clause	Requirement + Test	Result - Remark	Verdict
EMF- ELECTROMAGNETICS FIELDS			
	The tested product also complies with the requirements of EN 62233:2008		
	Limit ……100%	Measured max. : 1,5%	P

Clause	Requirement – Test	Result – Remark	Verdict
	CENELEC COMMON MODIFICATIONS		
6.1	Delete “class 0” and “class 01”		N/A
7.1	Single-phase appliances to be connected to the supply mains: 230 V covered		P
	Multi-phase appliances to be connected to the supply mains: 400 V covered		P
	When the provisions of footnote a to Table 102 apply, the appliance shall be marked with: (EN 60335-2-6)		
	– symbol IEC 60417-5041		N/A
7.10	Devices used to start/stop operational functions of the appliance distinguished from other manual devices by means of shape, size, surface texture, position, etc.		P
	An indication that the device has been operated is given by:		
	• a tactile feedback, or		N/A
	• an audible and visual feedback		P
	Devices used to stop operational functions of the appliance, if any, shall be distinguished from other manual devices by means of shape, or size, or surface texture, or position, etc. A tactile or an audible and visual feedback shall give an indication that the device has been operated. (EN 60335-2-6)		P
7.12	The instructions include the substance of the following:		
	- this appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved		P
	- children shall not play with the appliance		P
	- cleaning and user maintenance shall not be made by children without supervision		P
	Instructions for use shall be provided with the appliance so that the appliance can be used safely (EN 60335-2-6)		
	It is necessary to take precautions during user maintenance, appropriate details shall be given		P

	The instructions shall include the substance of the following: (EN 60335-1) WARNING: The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.		P
	This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision (EN 60335-2-6)		P
	The instructions for hobs and ranges shall include the substance of the following: (EN 60335-2-6) WARNING: Unattended cooking on a hob with fat or oil can be dangerous and may result in fire. NEVER try to extinguish a fire with water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket. WARNING: Danger of fire: do not store items on the cooking surfaces		P
7. 14	The height of the triangle used with symbol IEC 60417-5041 shall be at least 12 mm. (EN 60335-2-6)		N/A
8.1.1	Also test probe 18 of EN 61032 is applied		P
	The appliance being in every possible position during the test		P
	The force on the probe in the straight position is increased to 10 N when probe 18 is used		P
	When using test probe 18 the appliance is fully assembled as in normal use without any parts removed, and		P
	parts intended to be removed for user maintenance are also not removed		N/A
	Use of test probe B and probe 18 of IEC 61032: no contact with live parts (EN 60335-1)		P

8.2	Compliance is checked by applying the test probes of EN 61032		P
	For built-in appliances and fixed appliances, the test probe B and probe 18 of EN 61032 are applied only after installation		N/A
11.8	Footnotes to “External enclosure of motor-operated appliances” to be taken into account		N/A
11.101	The underside of appliances intended to be use on working surface or floor. (EN 60335-2-6)		P
	The rear surface of the appliances , which according to the instruction shall be place against a wall (EN 60335-2-6)		P
	Temperature rise of surfaces not exceed the values specified in Table 103 (EN 60335-2-6)		P
15.1.2	Appliances with an automatic cord reel tested with the cord in the most unfavourable position so that the reeling of the wet cord may affect electrical insulation during operation, the cord not being dried before reeling		N/A
19.102	Thermal control by NTC: replace by resistor with middle of the range value (EN 60335-2-6)		N/A
20.2	When using the test probe similar to test probe B with a circular stop face, the accessories and detachable covers are removed		P
	Test probe 18 applied with a force of 2,5N on the appliance fully assembled		P
20.101	Stability test with the oven in its intended position following manufacturer's instructions (EN 60335-2-6)		P
22.Z101	Horizontally hinged oven doors of floor standing cooking ranges, when fully opened, shall not cause a hazard. (EN 60335-2-6)		P
22.122	Ovens with shelves that can be withdrawn shall be fitted with rest or stop positions (EN 60335-2-6)		P
24.1	Components comply with the safety requirements specified in the relevant standards as far as they reasonably apply		P

	The requirements of Clause 29 of this standard apply between live parts of components and accessible parts of the appliance.		P
	The requirements of 30.2 of this standard apply to parts of non-metallic material in components including parts of non-metallic material supporting current-carrying connections inside components		P
	Components that have not been previously tested or do not comply with the standard for the relevant component are tested according to the requirements of 30.2		N/A
	Components that have been previously tested and shown to comply with the resistance to fire requirements in the standard for the relevant component need not be retested provided that:		
	- the severity specified in the component standard is not less than the severity specified in 30.2, and		P
	- the test report for the component states whether it complied with the standard for the relevant component with or without flame, flames not exceeding 2 s during the test are ignored		N/A
	Unless components have been previously tested and found to comply with the relevant standard for the number of cycles specified, they are tested in accordance with 24.1.1 to 24.1.9		P
	For components mentioned in 24.1.1 to 24.1.9, no additional tests specified in the relevant standard for the component are necessary other than those specified in 24.1.1 to 24.1.9		N/A
	Components that have not been separately tested and found to comply with the relevant standard, and		P
	components that are not marked or not used in accordance with their marking,		N/A
	are tested in accordance with the conditions occurring in the appliance, the number of samples being that required by the relevant standard		P
	Lamp holders and starter holders that have not been previously tested and found to comply with the relevant standard are tested as a part of the appliance and additionally comply with the gauging and interchangeability requirements of the relevant standard under the conditions occurring in the appliance		N/A

	Where the relevant standard specifies these gauging and interchangeability requirements at elevated temperatures, the temperatures measured during the tests of Clause 11 are used		N/A
	Plugs and socket-outlets and other connecting devices of interconnection cords are not interchangeable with plugs and socket-outlets listed in IEC/TR 60083 or IEC 60906-1, or		N/A
	with connectors and appliance inlets complying with the standard sheets of IEC 60320-1,		P
	if direct supply to these parts from the supply mains gives rise to a hazard		N/A
24.1.7	If the remote operation of the appliance is via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is EN 41003		N/A
	Compliance with Clause 8 of this standard is not impaired by connecting the appliance to a device covered by EN 41003		N/A
24.Z1	For motor running capacitors (IEC 60252-1 type P2) with a metallic enclosure having an overpressure fuse the flame testing of internal plastic parts supporting current carrying connections as required in 30.2.2 and 30.2.3.1 is not necessary		N/A
25.6	Supply cords of single-phase portable appliances having a rated current not exceeding 16 A, fitted with a plug complying with the following standard sheets of IEC/TR 60083:		
	- for Class I appliances: standard sheet C2b, C3b or C4 ....:		N/A
	- for Class II appliances: standard sheet C5 or C6..... ....:		N/A

25.7	Rubber sheathed cords (60245 IEC 53) are not suitable for appliances intended to be used outdoors or when they are liable to be exposed to significant amount of ultraviolet radiation		N/A
	Halogen-free thermoplastic compound sheathed supply cords have properties at least those of:		
	• halogen-free thermoplastic compound sheathed cords (H03Z1Z1H2-F or H03Z1Z1-F), for appliances having a mass not exceeding 3 kg		N/A
	• halogen-free thermoplastic compound sheathed cords (H05Z1Z1H2-F or H05Z1Z1-F), for other appliances		N/A
	Cross-linked halogen-free compound sheathed supply cords have properties at least those of cross-linked halogen-free compound sheathed cords (H07ZZ-F)		N/A
26.11	Conductors connected by soldering are not considered to be positioned or fixed so that reliance is not placed upon the soldering alone to maintain them in position unless they are held in place near the terminals independently of the solder		P
29.2	The macroenvironment in a domestic kitchen is pollution degree 2 (EN 60335-2-6)		N/A
	The microenvironment inside the appliance may be pollution degree 2 or 3 (EN 60335-2-6)		P
29.3.Z1	Appliance constructed so that if there is a possibility of damaging the insulation during installation, the insulation withstands the scratch and penetration test of 21.2		N/A
32	Compliance regarding electromagnetic fields is checked according to EN 50366 or EN 62233		P
Annex I, 19.I.101	The appliance is supplied at rated voltage and operated under normal operation with each of the fault conditions specified		N/A
	The duration of the test is as specified in 19.7		N/A
ZA	**ANNEX ZA** (NORMATIVE) **SPECIAL NATIONAL CONDITIONS**		
	Norway		

19.5	The test is also applicable to appliances intended to be permanently connected to fixed wiring		N/A
	Norway		
22.2	The second paragraph of this subclause, dealing with single-phase, permanently connected class I appliances having heating elements, is not applicable due to the supply system		N/A
	All CENELEC countries		
25.6 and 25.25	Information concerning National plug and socket-outlets is available from the CENELEC website. Normative national requirements concerning plug and socket-outlets are shown in the relevant National standard		N/A
	Ireland and United Kingdom		
25.8	In the table, the lines for 10 A and 16 A are replaced by:		
	> 10 and ≤ 13 1,25		N/A
	> 13 and ≤ 16 1,5		N/A
ZB	**ANNEX ZB** (INFORMATIVE) **A-DEVIATIONS**		
	Ireland		
25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs complying with I.S. 401:1997, or equivalent, to be fitted to domestic appliances		N/A
	United Kingdom		
25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs to BS 1363 to be fitted to domestic appliances. It also allows plugs to BS 4573 and EN 50075 to be fitted to shavers and toothbrushes		N/A

ZC	**ANNEX ZC (NORMATIVE) NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR CORRESPONDING EUROPEAN PUBLICATIONS**		
	A list of referenced documents in this standard		P
ZD	**ANNEX ZD** (INFORMATIVE) **IEC and CENELEC CODE DESIGNATIONS FOR FLEXIBLE CORDS**		
	A table with IEC and CENELEC code designations for flexible cords		P
ZE	**ANNEX ZE** (INFORMATIVE) **SPECIFIC ADDITIONAL REQUIREMENTS FOR APPLIANCES AND MACHINES INTENDED FOR COMMERCIAL USE**		
7.1	Business name and full address of the manufacturer and, where applicable, his authorized representative .....:		N/A
	Model or type reference.....:		N/A
	Serial number, if any .....:		N/A
	Production year		N/A
	Designation of the appliance .....:		N/A
7.12	Instructions provided with the appliance so that the appliance can be used safely		N/A
	The instructions contain at least the following information:		
	- the business name and full address of the manufacturer and, where applicable, his authorized representative		N/A
	- model or type reference of the appliance as marked on the appliance itself, except for the serial number		N/A
	- the designation of the appliance together with its explanation in case it is given by a combination of letters and/or numbers		N/A
	- the general description of the appliance, when needed due to the complexity of the appliance		N/A
	- specific precautions if required during installation, operation, adjusting, user maintenance, cleaning, repairing or moving		N/A
	- when needed drawings, diagrams, descriptions and explanations necessary for the safe use and user maintenance of the appliance		N/A

	- the possible reasonably foreseeable misuse and, whenever relevant, a warning against the effects it may have on the safe use of the appliance		N/A
	The words “Original instructions” appear on the language version(s) verified by the manufacturer or by the authorized representative		N/A
	When a translation of the original instructions has been provided by a person introducing the appliance on the market; the meaning of the sentence “Translation of the original instructions” appear in the relevant instructions delivered with the appliance		N/A
	The instructions for maintenance/service to be done by specialized personnel, mandated by the manufacturer or the authorized representative may be supplied in only one Community language which the specialized personnel understand		N/A
	The instructions indicate the type and frequency of inspections and maintenance required for safe operation including the preventive maintenance measures		N/A
7.12.ZE1	If needed for specific appliances, the following information to be given:		
	• on use, transportation, assembly, dismantling when out of service, testing or foreseeable breakdowns, if these operations have consequences on stability of the appliance in order to avoid overturning, falling or uncontrolled movements of the appliance or of its component parts		N/A
	• on how to maintain adequate mechanical stability when in use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance		N/A
	• on the protective measures to be taken by the user, including, where appropriate, the personal protective equipment to be provided		N/A
	• on the operating method to be followed in the event of accident or breakdown; if a blockage is likely to occur the operating method to safely unblock the appliance		N/A

	• on the specifications on the spare parts to be used, when these affect the health and safety of the operator		N/A
	• on airborne noise emissions, determined and declared in accordance with the relevant Part 2, which includes:		
	- the A-weighted emission sound pressure level at workstations, where this exceeds 70 dB(A).....;		N/A
	- where this level does not exceed 70 dB(A), this fact is indicated		N/A
	- the peak C-weighted instantaneous sound pressure value at workstations, where this exceeds 63 Pa (130 dB in relation to 20 µPa) .....:		N/A
	- the A-weighted sound power level emitted by the machinery, where the A-weighted emission sound pressure level at workstations exceeds 80 dB(A).....:		N/A
7.12.ZE2	The instructions includes a warning to disconnect the appliance from its power source during service and when replacing parts		N/A
	If the removal of the plug is foreseen, it is clearly indicated that the removal of the plug has to be such that an operator can check from any of the points to which he has access that the plug remains removed		N/A
	If this is not possible, due to the construction of the appliance or its installation, a disconnection with a locking system in the isolated position is provided		N/A
19.11.4.8	The appliance continues to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage fluctuation occurred, or		N/A
	a manual operation is required to restart it		N/A
20.1	Appliances and their components and fittings have adequate mechanical stability during transportation, assembly, dismantling and any other action involving the appliance		N/A
20.2	Dangerous moving transmission parts safeguarded either by design or guards		N/A

	When guards are used, they are fixed guards, interlocking movable guards or protective devices		N/A
	Moving parts directly involved in the function of the appliance which cannot be made completely inaccessible fitted with:		
	- fixed guards or interlocking movable guards preventing access to those sections of the parts that are not used in the work, and		N/A
	- adjustable guards restricting access to those sections of the moving parts where access is necessary		N/A
	Interlocking movable guards used where frequent access is required		N/A
21.1	Appliances and their components and fittings have adequate mechanical strength and is constructed to withstand such rough handling that may be expected in normal use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance		N/A
22.ZE.1	For appliances provided with a seat, the seat gives adequate stability		N/A
	The distance between the seat and the control devices capable of being adapted to the operator		N/A
22.ZE.2	For appliances provided with separate devices for the start and the stop functions, the stop function is unambiguously identifiable and does always override the start function		N/A
	For appliances provided with one device performing the start and the stop function, the stop function is unambiguously identifiable and does always override the start function		N/A
22.ZE.3	Appliances designed in such a way that incorrect mounting is avoided, if this can lead to an unsafe situation		N/A
	If this is not possible, information on the correct mounting is given directly on the part and/or the enclosure		N/A
22.ZE.4	Where the weight, size or shape prevents appliances from being moved manually, they are fitted with attachments for lifting gear, or		N/A

	so designed that they can be fitted with such attachments, or		N/A
	be shaped in such a way that standard lifting gear can easily be used		N/A
	Appliances to be moved manually are constructed or equipped so that they can be moved easily and safely		N/A
22.ZE.5	The fixing systems of fixed guards which prevent access to dangerous moving transmission parts only removable with the use of tools		N/A
	If such guards have to be removed by the user for routine cleaning or maintenance their fixing systems remain attached to the fixed guards or to the machine after removal		N/A
	Where possible, guards are incapable of remaining in place without their fixings		N/A
	This does not apply if, after removal of the screws, or if the component is incorrectly repositioned, the appliance becomes inoperative		N/A
	Movable guards are interlocked		N/A
	The interlocking devices prevent the start of hazardous appliance functions until the guards are fixed in their position, and give a stop command whenever they are no longer closed		N/A
	Where it is possible for an operator to reach the danger zone before the risk due to hazardous appliance functions has ceased, movable guards associated with a guard locking device in addition to an interlocking device that:		
	- prevents the start of hazardous appliance functions until the guard is closed and locked, and		
	- keeps the guard closed and locked until the risk of injury from the hazardous appliance functions has ceased		N/A
	Interlocking movable guards remain attached to the appliance when open, and		N/A
	they are designed and constructed in such a way that they can be adjusted only by means of an intentional action		N/A

22.ZE.6	Interlocking movable guards designed in such a way that the absence or failure of one of their components prevents starting or stops the hazardous appliance functions		N/A
	The guard is opened to the extent needed to cause the interlocking to operate and is then closed, the number of operations being defined in the specific Part 2……:		N/A
	After this test any defect that may be expected in normal use is applied to the interlock system, including interruption of the supply, only one defect being simulated at a time		N/A
	After these tests the interlock system is fit for further use		N/A
22.ZE.7	Adjustable guards restricting access to areas of the moving parts strictly necessary for the work are:		
	- adjustable manually or automatically, depending on the type of work involved, and		N/A
	- readily adjustable without the use of tools		N/A
22.ZE.8	In case of interruption, re-establishment after an interruption or fluctuation in whatever manner of the power supply, the appliance does not restart		N/A
	However, automatic restarting of the operation is allowed if the appliance may continue to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage interruption or fluctuation occurred		N/A
22.ZE.9	Appliances fitted with means to isolate them from all energy sources		N/A
	Such isolators are clearly identified, and		N/A
	they are capable of being locked if reconnection endanger persons		N/A
	After the energy source is disconnected, it is possible to dissipate any energy remaining or stored in the circuits of the appliance without risk to persons		N/A
ZF	**ANNEX ZF** (INFORMATIVE) **CRITERIA APPLIED FOR THE ALLOCATION OF PRODUCTS COVERED BY STANDARDS IN THE EN 60335 SERIES UNDER LVD OR MD**		

	List of standards under CENELEC/TC61 with the allocation under the LVD (Low Voltage Directive) or the MD (Machinery Directive)……..:	LVD Directive :2014/35/EU	P
ZG	**ANNEX ZG** (NORMATIVE) **UV APPLIANCES**		
	The following modifications to this standard apply to appliances having UV emitters		N/A
	This annex is not applicable to appliances covered by the scopes of IEC 60335-2-27, IEC 60335-2-59 or IEC 60335-2-109		N/A
7.12.ZG	The instructions for appliances incorporating UVC emitters include the substance of the following: WARNING — This appliance contains a UV emitter. Do not stare at the light source		N/A
32	For appliances incorporating UV emitters the manufacturer delivers a declaration providing evidence that the plastic material exposed to the radiation is UV resistant		N/A
ZZ	**ANNEX ZZ** (INFORMATIVE) **COVERAGE OF ESSENTIAL REQUIREMENTS OF EC DIRECTIVES**		
	Description of the relation between this European standard and the LVD (Low Voltage Directive, 2006/95/EC) and the MD (Machinery Directive, 2006/42/EC)	LVD Directive :2014/35/EU	P

11.101	TABLE: Temperature rise limits for surfaces							P
	Ambient (°C) : 22							
	Test voltage (V) : 240 V							
Surface of MFT1 6049NECBB (vitroceramic) with three glass door	Surfaces of appliances situated not more than 850 mm above the floor after installation				Parts situated more than 850 mm above the floor after installation			
	Front surfaces of oven door		Other parts		Front surfaces of oven door		Other parts	
	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)
Oven / upper and bottom heating element								

Bare metal	-	33	-	42	-	45	-	45
Coated metal (metal handle)	17	37	-	49	-	55	-	55
Coated metal (metal panel)	-	37	48	49	-	55	-	55
Coated metal(bottom metal enclosure)	-	37	-	49	-	55	-	55
Glass and ceramic (oven door)	44	46	-	56	-	60	-	60
Plastic and plastic coating > 0,3 mm	-	51	42	62	-	65	-	65
Supplementary information: Results evaluated according to table 102 , for Australia , Belgium ,Denmark, and New Zealand countries (with three glass door)								

11.101	TABLE: Temperature rise limits for surfaces						
	Ambient (°C) :					22	
	Test voltage (V) :					240 V	
Surface of static function/ upper and bottom heating element,MFT1 6049NERBB with two glass doors	Surfaces of appliances situated not more than 850 mm above the floor after installation				Surfaces situated more than 850 mm above the floor after installation		
	Front surfaces of oven door		Other parts				
	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	
Bare metal	-	40	-	45	-	45	
Coated metal (Metal handle)	16	45	-	55	-	55	
Coated metal (metal panel)	-	45	47	55	-	55	
Glass and ceramic (glass door)	45	55	-	60	-	60	
Plastic and plastic coating > 0,3 mm	-	60	42	65	-	65	
Supplementary information:							

11.101	TABLE: Temperature rise limits for surfaces						
	Ambient (°C) :					22	
	Test voltage (V) :					240 V	
Surface of static function/ upper and bottom heating element, MFT1 6049NECBB (vitroceramic) with two glass door		Surfaces of appliances situated not more than 850 mm above the floor after installation				Surfaces situated more than 850 mm above the floor after installation	
		Front surfaces of oven door		Other parts			
		dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)
Bare metal		-	40	-	45	-	45
Coated metal (Metal handle)		16	45	-	55	-	55
Coated metal (metal panel)		-	45	47	55	-	55
Glass and ceramic (glass door)		45	55	-	60	-	60
Plastic and plastic coating > 0,3 mm		-	60	42	65	-	65
Supplementary information:							

--End of the attachment--

Attachment 5 Report No.: TR_2021705_1

IEC 60335-2-6 ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
ATTACHMENT TO TEST REPORT IEC 60335-2-6 (AUSTRALIA/NEW ZEALAND) NATIONAL DIFFERENCES (Household and similar electrical appliances – Safety – Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances)			
Differences according to:	AS/NZS 60335.2.6: 2014 + A1:2015 + A2:2019 AS/NZS 60335.1:2020		
TRF template used: :	IECEE OD-2020-F3, Ed. 1.1		
Attachment Form No. : Attachment Originator : Master Attachment :	AU_NZ_ND_IEC60335_2_6R NZ Electrotechnical Committee/Standards New Zealand Date 2021-03-31		
	National Differences		
3	TERMS AND DEFINITIONS		
	Insert the following definition:		-
AZ.3.1.201	Not applicable (AS/NZS 60335.2.6:2014/A1:2015)		N/A
5	GENERAL CONDITIONS FOR THE TESTS		-
5.2	Insert the following variation:		-
	If the tests of AZ.22.201 need to be performed they are carried out on separate appliances, the number of appliances is that required by AS/NZS 3112.		N/A
5.8.1	Replace the test condition by the following variation:		-
	Appliances for a.c. only are tested with a.c. at 50 Hz, and those for a.c. and d.c. are tested at a.c. 50 Hz or d.c., whichever is the more unfavourable supply. (AS/NZS 60335.1:2020)		P
6	CLASSIFICATION		-
6.1	Replace the first paragraph of the requirement by the following variation:		-
	Appliances shall be of one of the following classes with respect to protection against electric shock: class I, class II, class III. (AS/NZS 60335.1:2020)	Class I	P
7	MARKING AND INSTRUCTIONS		-
7.1	The variation in the second paragraph of the requirement in Part 1 is not applicable. (AS/NZS 60335.2.6:2014/A1:2015)		N/A
	After the third paragraph of the requirement, insert the following variation:		-
	Built-in hobs that require a board in order to meet the temperature limits of 11.8 shall be marked with the substance of the following caution:		N/A
	CAUTION: The surface temperature exceeds 95 oC. To avoid a hazard, under bench access must be restricted. Refer to the installation instructions. (AS/NZS 60335.2.6:2014)		N/A
7.13	Replace the requirement with the following variation:		-

Attachment 5 Report No.: TR_2021705_1

IEC 60335-2-6 ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
	Instructions and other text required by this standard are written in English. (AS/NZS 60335.1:2020)		P
7.15	After the last paragraph of the requirement insert the following variation:		-
	The marking of the maximum outlet load shall be close to the appliance outlet or socket outlet. (AS/NZS 60335.1:2020)		N/A
	Add the following variation to the addition:		-
	The caution specified in Clause 7.1 for built-in hobs shall be marked adjacent to the supply entry on the underside of the hob. (AS/NZS 60335.2.6:2014)		N/A
10	POWER INPUT AND CURRENT		-
10.1	The variation in the last paragraph of the test specification in Part 1 is not applicable. (AS/NZS 60335.2.6:2014/A1:2015)		P
11	HEATING		-
11.7	The variation in the second paragraph of the test specification in Part 1 is not applicable. (AS/NZS 60335.2.6:2014/A1:2015)		P
11.8	The variation in the second paragraph of the test specification in Part 1 is not applicable. (AS/NZS 60335.2.6:2014/A1:2015)		P
11.101	Replace the paragraph immediately before Table 102 with the following variation:		-
	During the test, the temperature rise of surfaces shall not exceed the values specified in Table 102. (AS/NZS 60335.2.6:2014)		P
11.301	Hob elements other than induction hob elements are operated under conditions of normal operation except that:		P
	– the vessel is not covered with a lid;		P
	– the water in the vessel is maintained at a depth between 50 mm and 65 mm by the addition of boiling water if necessary;		P
	– thermal controls are adjusted to the highest setting.		P
	If the appliance contains more than one hob element, the test is carried out with the hob element resulting in the most unfavourable conditions.		P
	The hob element is supplied at 1,15 times its power input measured at rated voltage. The test is continued for a period of 1 h or until steady conditions are established whichever is shorter.		P
	During the test the temperature rises shall not exceed the values specified in 11.8. (AS/NZS 60335.2.6:2014)		P
19	ABNORMAL OPERATION		-
19.13	After the seventh paragraph of the test specification insert the following variation:		-

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IEC 60335-2-6 ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
	During and after the tests the no-load output voltage of an accessible safety extra-low voltage outlet or connector shall not have increased by more than 3 V or 10% of its no-load output voltage in normal use, whichever is higher. (AS/NZS 60335.1:2020)		N/A
	Voltage normal use (V)……...:		-
	Voltage abnormal operation (V)……:		-
	Deviation (%)……:		-
	During and after the tests the no-load output voltage of a USB outlet shall not increase by more than 3 V or 10% of its no-load output voltage in normal use, whichever is higher. (AS/NZS 60335.1:2020)		N/A
	Voltage normal use (V)……...:		-
	Voltage abnormal operation (V)……:		-
	Deviation (%)……:		-
22	CONSTRUCTION		
22.2	After the first paragraph of the requirement insert the following variation:		
	For stationary appliances permanently connected to the fixed wiring, compliance with this requirement is considered to be met if the instruction concerning disconnection incorporated in the fixed wiring is in accordance with AS/NZS 3000. (AS/NZS 60335.1:2020)		P
22.3	Replace the text with the following variation:		
	VOID. (AS/NZS 60335.1:2020)		P
22.33	Delete the last sentence of the first paragraph of the requirement and introduce it as a new first paragraph of the requirement. (AS/NZS 60335.1:2020)		P
AZ.22.201	Appliances having integral pins for insertion into socket outlets shall comply with the appropriate requirements of AS/NZS 3112.		N/A
	Compliance is checked as specified in Annex J of AS/NZS 3112 (AS/NZS 60335.1:2020)		N/A
AZ.22.202	Not applicable (AS/NZS 60335.2.6:2014/A1:2015)		N/A
24	COMPONENTS		--
24.1	Insert the following variation before NOTE 1:		-
	NOTE 201 The relevant IEC standard can be replaced with the relevant Australia/New Zealand standard where applicable. (AS/NZS 60335.1:2020)		P
25	SUPPLY CONNECTION AND EXTERNAL FLEXIBLE CORDS		-
25.1	Insert the following variation:		-

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IEC 60335-2-6 ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
	Supply cords for single-phase portable appliances intended for direct connection to the supply mains, shall be fitted with an appropriate plug complying with AS/NZS 3112. (AS/NZS 60335.1:2020)		N/A
Table 11	In footnote a insert the following variation		-
	However, they cannot be used in class I appliances. (AS/NZS 60335.1:2020)		N/A
	Special national conditions (if any)		
	Australia		-
5	GENERAL CONDITIONS FOR THE TESTS		-
AZ.5.201	For appliances, other than class III appliances, that are intended for connections to the supply mains and that are not marked with: (AS/NZS 60335.1:2020)		P
	- a rated voltage of at least 240 V for single-phase appliances and at least 415 V for three-phase appliances, or (AS/NZS 60335.1:2020)		N/A
	- a rated voltage range that includes 240 V for single-phase appliances and 415 V for three-phase appliances, (AS/NZS 60335.1:2020)		P
	the rated voltage is equal to 240 V for single-phase appliances and 415 V for three phase appliances, (AS/NZS 60335.1:2020)		N/A
	and the upper limit of the rated voltage range is equal to 240 V for single-phase appliances and 415 V for three-phase appliances. (AS/NZS 60335.1:2020)		P
	In addition, the rated current or rated power input is equal to the calculated value corresponding to 240 V for single-phase appliances and 415 V for three-phase appliances as appropriate (AS/NZS 60335.1:2020)		P
7	MARKING AND INSTRUCTIONS		-
7.1	After the first paragraph of the requirement insert the following variation:		-
	Appliances intended for connection to the supply mains, other than class III appliances, shall be marked with:		P
	- a rated voltage of at least: 230 V for single-phase appliances; 400 V for poly-phase appliances; or (AS/NZS 60335.1:2020)		N/A
	- a rated voltage range that includes: 230 V for single-phase appliances; 400 V for poly-phase appliances. (AS/NZS 60335.1:2020)		P
22	CONSTRUCTION		-

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IEC 60335-2-6 ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
22.301	For appliances containing socket-outlets for general purpose use that are accessible to the user, the socket-outlet shall and		N/A
	– comply with AS/NZS 3112;		N/A
	– have a current rating of 10 A;		N/A
	– accept a 3-pin, flat-pin plug as described in figure 2.1(a) of AS/NZS 3112.; and		N/A
	– if the appliance is intended to be permanently connected to the fixed wiring, the socket-outlet shall be protected by a Type II/Type AC RCD complying with AS/NZS 3190.		N/A
	Compliance is checked by inspection and the appropriate tests. (AS/NZS 60335.2.6:2014)		N/A
24	COMPONENTS		-
24.1.7	Telecommunication interface circuitry must comply with the Telecom Labeling Notice issued under the Telecommunications Act instead of IEC 62151 (AS/NZS 60335.1:2020)		N/A
	New Zealand		-
7	MARKING AND INSTRUCTIONS		-
7.1	After the first paragraph of the requirement insert the following variation:		-
	Appliances intended for connection to the supply mains, other than class III appliances, shall be marked with:		P
	- a rated voltage of: 230 V for single-phase appliances; 400 V for poly-phase appliances; or (AS/NZS 60335.1:2020)		N/A
	- a rated voltage range that includes: 230 V for single-phase appliances; 400 V for poly-phase appliances. (AS/NZS 60335.1:2020)		P
7.12.3	Add the following variation to the addition:		-
	In addition, if the cooking range is not provided with a supply cord fitted with a plug or an installation male connector, the instructions shall state the size of the supply cord that has to be used and shall include the substance of the following. (AS/NZS 60335.2.6:2014)		P
	If this cooking range is to be connected to a new or upgraded electrical installation, then it must be connected to the supply by a supply cord fitted with:		P
	– an appropriately rated plug that is compatible with the socket-outlet fitted to the final sub-circuit in the fixed wiring that supplies this cooking range; or (AS/NZS 60335.2.6:2014)		P
	– an appropriately rated installation male connector that is compatible with the installation female connector fitted to the final sub-circuit in the fixed wiring that supplies this cooking range. (AS/NZS 60335.2.6:2014)		P

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IEC 60335-2-6 ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
	NOTE 301 This information need not be provided for cooking ranges that are intended to be fixed in position, other than those that are fixed only by a stabilizing means in order to comply with the test of 20.101. (AS/NZS 60335.2.6:2014)		P
22	CONSTRUCTION		-
22.301	For appliances containing socket-outlets for general purpose use that are accessible to the user, the socket-outlet shall and		N/A
	– comply with AS/NZS 3112;		N/A
	– have a current rating of 10 A;		N/A
	– accept a 3-pin, flat-pin plug as described in figure 2.1(a) of AS/NZS 3112.		N/A
	Compliance is checked by inspection and the appropriate tests. (AS/NZS 60335.2.6:2014)		N/A
25	SUPPLY CONNECTIONS AND EXTERNAL FLEXIBLE CORDS		-
25.1	Insert the following variation		-
	Addition: Cooking ranges shall be provided with a supply cord fitted with a plug or an installation male connector, unless the instructions for installation make reference to the type and size of the supply cord and the rating of the plug or installation male connector, to be used for connecting the appliance to the supply mains. (AS/NZS 60335.2.6:2014)		N/A

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11.301	**TABLE: Heating test for Hob elements other than induction hob elements**		
	Test voltage (V)..... ..... :	254 V	□
	Ambient (□C)..... :	25 C	□

Thermocouple locations:	**Max. temperature rise measured** MFT1 6049NERBB with hotplate 11511 W**, Δ T (K)**	**Max. temperature rise measured** MFT1 6049NECBB highlight 10260 W**, Δ T (K)**	**Max. temperature rise limit, Δ T (K)**
Test corner walls	43	38	70
Power cord entries	22	25	50
Turbo fan metal	51	54	info
Grill motor	48	51	info
Internal Wire	50	52	105
The switch hobs	48	49	105
Pcb timer	48	-	95
Terminal block	46	44	95
Rotary switch	49	51	125
Inner cable	49	55	105
Internal wire near the hobs	73	72	105
Signal lamp	62	65	125
Thermal cut out	80	133	105
Knob	10	13	60
Oven handle	17	16	35
Supplementary information: The vessel is not covered with a lid,water in the vessel is maintained at a depth between 50 mm and 65 mm by the addition of boiling water ,thermal controls are adjusted to the highest			

--End of the attachment--