

**Test Report** No.: GZHL2205107929HM Date: Nov 17, 2022 Page 1 of 19

ZHEJIANG LINGKU SPORTS GOODS CO.,LTD.
NO.11, WOLONG STREET, JIANSHAN TOWN, PANAN COUNTY, ZHEJIANG PROVINCE

Sample Description : TS-61-S-M BIKE HELMET

Item No. : TS-61-S、M

Manufacturer : ZHEJIANG LINGKU SPORTING GOODS CO., LTD

Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

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Size : 48cm-54cm, 54cm-58cm

: 48cm-54cm:45mm For EN960 535

54cm-58cm:48mm For EN960 575

Sample Receiving Date : May 06, 2022

1st Sample Resubmission Date : Jul 28, 2022

2nd Sample Resubmission Date : Sep 22, 2022

3rd Sample Resubmission Date : Nov 03, 2022

Test Performing Date : May 06, 2022 to Nov 08, 2022
Test Performed : BS EN 1078:2012+A1:2012

Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Arthur Mak Authorized Signatory



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Test Conducted I: Based on BS EN 1078:2012+A1:2012

Helmets for pedal cyclists and for users of skateboards and roller skates

Number of Tested Sample: 8 piece(s)

Test Results: Details shown as following table

Clause	Test Method/Requirement	Result
	Materials	Pass
	For those parts of the helmet coming into contact with the skin, the material used should be	See result II
4.1	known not to undergo appreciable alteration from contact with sweat or with substances	
	likely to be found in toiletries.	See result Ⅲ
	Materials shall not be used which are known to cause skin disorders.	
	Construction The helmet normally consists of a means of absorbing impact energy and means of	
	retaining the helmet on the head in an accident.	
	The helmet should be durable and withstand handling. The helmet shall be so designed	
	and shaped that parts of it (visor, rivets, ventilators, edges, fastening device and the like)	
4.0	are not likely to injure the user in normal use.	Pass
4.2	NOTE: Helmets should:	See annex 1
	have low weight;	
	be ventilating;	
	be easy to put on and take off;	
	be usable with spectacles;	
	not significantly interfere with the ability of the user to hear traffic	
	noise.	
	Field of vision	
	When tested in accordance with 5.7 there shall be no occultation in the field of vision	
	bounded by angles as follows (see Figure 1):	Pass
4.3	- horizontally: min. 105° from the longitudinal vertical median plane to the left and right hand sides;	See annex 4
	- upwards: min. 25° from the reference plane;	
	- downwards: min. 45° from the basic plane.	
	Shock absorbing capacity	
	The helmet shall give protection to the forehead, rear, sides, temples and crown of the	
	head.	
4 44	When tested in accordance with 5.3 and 5.4 the peak acceleration shall not, for each	Pass
4.4*	impact, exceed 250 $g$ for the velocity of 5,42 +0.1,-0 m/s on the flat anvil, and 4,57+0.1,-0	See annex 2
	m/s on the kerbstone anvil.	
	NOTE: These are theoretically equivalent to 1 497 mm and 1 064 mm drop heights respectively.	
	Durability	
4.5	After being tested the helmet shall not exhibit damage that could cause significant injury to the wearer (sharp edges, points).	Pass



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Clause	Test Method/Requirement	Result			
4.6	Retention system				
4.6.1	General  Means shall be provided for retaining the helmet on the wearer's head. All parts of the retention system shall be securely attached to the helmet.	Pass			
4.6.2	Chin strap  The chin strap shall not include a chin cup. Any chin strap shall be no less than 15 mm wide. Chin straps may be fitted with means of enhancing comfort for the wearer.	Pass			
4.6.3	Fastening device  Any retention system shall be fitted with a device to adjust and maintain tension in the system. The device shall be capable of adjustment so that the buckle does not sit on the jaw bone.				
4.6.4	Color  No part of the retention system shall be colored green.  NOTE: It is recommended that the opening mechanism be marked with red or orange color.	Pass			
4.6.5*	Strength  When tested in accordance with 5.5, the dynamic extension of the retention system shall not exceed 35 mm and the residual extension shall not exceed 25 mm. For this purpose, extension includes slippage of the fastening device.  Damage to the retention system shall be accepted provided that the above requirements are met.  NOTE: In this test, slippage of the fastening device can be measured and recorded separately from other contributions to the extension but this is for information only and is not subject to a separate requirement.	Pass See annex 3			
4.6.6*	Effectiveness When tested in accordance with 5.6 the helmet shall not come off the headform.	Pass			
4.6.7	Ease of release Following the strength test in accordance with 5.5 and with the load still applied, it shall be possible to open the release system with one hand.	Pass			
5.2	Inspection and determination of mass Inspect the helmet to ascertain whether it is suitable for its intended purpose and fulfils the general requirements in 4.2.  Determine the mass of the helmets of the same size submitted for testing. Calculate and record the mean value in g rounded off to the nearest 10 g, stating the size of the helmet.	See annex 1			
	Marking  Each helmet shall be marked in such a way that the following information is easily legible				
6	by the user and is likely to remain legible throughout the life of the helmet:	Pass			
•	a. the number of this European standard;	Pass			
	b. the name or trademark of the manufacturer;	Pass			



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Clause	Test Method/Requirement	Result				
	c. the designation of the model;	Pass				
	d. the designation, which shall be one or more of the following:-helmet for pedal cyclists, skateboarders or roller skaters;	Pass				
	e. the size or size range of the helmet, quoted as the circumference (in centimeters) of the head which the helmet is intended to fit;	Pass				
	f. the weight of the helmet (the average mass in g determined according to EN 1078,5.2); g. year and quarter of manufacture;					
	h. a label carrying the instructions –"Warning! This helmet should not be used by children while climbing or doing other activities when there is a risk of strangulation/hanging if the child gets trapped with the helmet"	Pass				
	In addition, if the helmet has components made of material which are known to be adversely affected by contact with hydrocarbons, cleaning fluids, paints, transfers or other extraneous additions, the helmet shall carry an appropriate warning.					
	If there is a consumer sales packaging, the information specified in a), b), d), and h) shall also be given on that package. The text shall be of minimum font size 12.					
	Information supplied by the manufacture					
	With every helmet clear information in the language of the country of sale shall be given as follows:	Pass				
	a. that the helmet can only protect if it fits well and that the buyer should try different sizes and choose the size which feels secure and comfortable on the head;	Pass				
7	b. that the helmet should be adjusted to fit the user, e.g. the straps positioned so that they do not cover the ears, the buckle positioned away from the jawbone and the straps and buckle adjusted to be both comfortable and firm;	Pass				
	c. how the helmet should be positioned on the head to ensure the intended protection is provide (e.g. that it should be placed so as to protect the forehead and not be pushed too for over the back of the head); to protect the forehead and not be pushed too for over the back of the head);	Pass				
	d. that a helmet cannot always protect against injury;	Pass				
	e. that a helmet subjected to a severe impact should be discarded and destroyed;	Pass				
	f. a statement of the danger of modifying or removing any of the original component parts of the helmet other than as recommended by the manufacturer, and that helmets should not be adapted for the purpose of fitting accessories in a way not recommended by the manufacturer.	Pass				



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## Remark:

1. NA = Not applicable.

2. NT = Not tested as per client's request.

3. The item with \* means it has been retested

Model: <u>TS-61</u> Size: <u>48-54</u> cm Test headform: <u>535 (</u>EN 960:2006)

## Annex-1: Mass

Mass of the samples:

Sample No.	Mass (g)
1	401
2	402
3	402
4	415
Average	410

## Annex-2: Impact energy attenuation test

Test Specification: BS EN 1078:2012+A1:2012-5.4 Ambient temperature at time of test: 22.1 °C

Sample No.	Condition	Test Anvil	Test site	Velocity (m/s)	Peak'G	Result
1	High temperature No recondition (Clause 5.4.2.1)	Kerbstone	Right front	4.59	102.9	Pass
1		Flat	Left	5.46	209.5	Pass
2	Low temperature No recondition (Clause 5.4.2.2)	Flat	Crown	5.47	186.4	Pass
2		Kerbstone	Right rear	4.58	106.9	Pass
2	Artificial Ageing No recondition (Clause 5.4.2.3)	Kerbstone	Front	4.59	134.0	Pass
3		Flat	Rear	5.45	161.0	Pass

#### Annex-3: Retention system strength

Test Specification: BS EN 1078:2012+A1:2012-5.5 Ambient temperature at time of test: <u>22.1</u>°C

Sample No.	Condition	Dynamic extension (mm)	Residual extension (mm)	Result
2	Low temperature No recondition (Clause 5.4.2.2)	17.4	4.7	Pass
3	Artificial Ageing No recondition (Clause 5.4.2.3)	16.9	5.9	Pass



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Annex-4: Field of vision

Test Specification: BS EN 1078:2012+A1:2012-5.7

Horizontal: >105° Upward: >25° Downward: >45°

Model: <u>TS-61</u> Size: <u>54--58</u> cm Test headform: <u>575 (EN 960:2006)</u>

# Annex-1: Mass Mass of the samples:

Sample No.	Mass (g)
1	431
2	435
3	436
4	428
Average	430

## Annex-2: Impact energy attenuation test

Test Specification: BS EN 1078:2012+A1:2012-5.4 Ambient temperature at time of test: 22.1 °C

Sample No.	Condition	Test Anvil	Test site	Velocity (m/s)	Peak'G	Result	
4	High temperature No recondition (Clause 5.4.2.1)	Kerbstone	Right front	4.59	95.3	Pass	
ı		Flat	Left	5.46	194.1	Pass	
2	Low temperature	Flat	Crown	5.47	188.7	Pass	
2	No recondition (Clause 5.4.2.2)	Kerbstone	Right rear	4.61	122.9	Pass	
0	0	Artificial Ageing	Kerbstone	Front	4.58	118.1	Pass
3	No recondition (Clause 5.4.2.3)	Flat	Rear	5.48	147.8	Pass	

#### Annex-3: Retention system strength

Test Specification: BS EN 1078:2012+A1:2012-5.5 Ambient temperature at time of test: 22.1 °C

Sample No.	Condition	Dynamic extension (mm)	Residual extension (mm)	Result
2	Low temperature No recondition (Clause 5.4.2.2)	20.4	7.7	Pass
3	Artificial Ageing No recondition (Clause 5.4.2.3)	18.0	5.7	Pass



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Annex-4: Field of vision

Test Specification: BS EN 1078:2012+A1:2012-5.7

Horizontal: >105° Upward: >25° Downward: >45°

## Results II: (Refer SGS No T52210270071SN)

## **Colour Fastness to Perspiration**

(ISO 105-E04:2013, test specimen in vertical position)

Acidic	<u>1</u>
Change in shade Staining on multi-fiber stripe	4-5
Acetate Cotton Nylon Polyester Acrylic Wool	4-5 4-5 4-5 4-5 4-5 4-5
Alkaline	
Change in shade Staining on multi-fiber stripe	4-5
Acetate	4-5
Cotton	4-5
Nylon	4-5
Polyester	4-5
Acrylic	4-5
Wool	4-5

Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

## Specimen Description:

Black knitting

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Test Result(s) Ⅲ: (refer SGS No: CANHG2209251100)

Test Requested Conclusion

pH value See Results

Entry 43 of Regulation (EU) 2020/2096 amending Annex XVII of REACH PASS

Regulation (EC) No 1907/2006 -Azo Dyes

Entry 43 of Regulation (EU) 2020/2096 amending Annex XVII of REACH PASS

Regulation (EC) No 1907/2006 -Azo Dyes

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Test Result(s):

## **Test Part Description:**

Specimen No.	SGS Sample ID	Description
SN1	CAN22-092511.001	Black fabric
SN2	CAN22-092511.002	Black fleece shee

## Remarks:

(1) 1 mg/kg = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected ( < MDL)

(4) "-" = Not Regulated

## pH value

Test Method: With reference to ISO 3071:2020, analysis was performed by pH meter.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>
pH value	-	-	-	6.6	6.0

#### Notes:

(1)Extraction medium: KCl solution

(2)pH value of extraction medium: 5.0 - 7.5

(3)Temperature of the extraction solution: 22±2°C



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## Entry 43 of Regulation (EU) 2020/2096 amending Annex XVII of REACH Regulation (EC) No 1907/2006 -Azo Dyes

Test Method: With reference to EN ISO14362-1:2017, analysis was conducted with GC-MS/HPLC-DAD.

Determination of 4-aminoazobenzene (CAS No.:60-09-3): with reference to EN ISO14362-3:2017,

analysis was conducted with GC-MS/HPLC-DAD.

Test Item(s)	CAS NO.	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>		<u>001</u>
4-Aminobiphenyl	92-67-1	30	mg/kg	5	Method A ND	<i>Method B</i> ND
Benzidine	92-87-5	30	mg/kg	5	ND	ND
4-chloro-o-toluidine	95-69-2	30	mg/kg	5	ND	ND
2-naphthylamine	91-59-8	30	mg/kg	5	ND	ND
o-aminoazotoluene	97-56-3	30	mg/kg	5	ND	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	30	mg/kg	5	ND	ND
4-chloroaniline	106-47-8	30	mg/kg	5	ND	ND
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	30	mg/kg	5	ND	ND
4,4'-diaminodiphenylmethane, MDA	101-77-9	30	mg/kg	5	ND	ND
3,3'-dichlorobenzidine	91-94-1	30	mg/kg	5	ND	ND
3,3'-dimethoxybenzidine	119-90-4	30	mg/kg	5	ND	ND
3,3'-dimethylbenzidine	119-93-7	30	mg/kg	5	ND	ND
4,4'-methylenedi-o-toluidine/3,3'- Dimethyl-4,4'-diaminodiphenylm Ethane	838-88-0	30	mg/kg	5	ND	ND
Test Item(s)	CAS NO.	<u>Limit</u>	<u>Unit</u>	MDL	A 4 - 4 1 A	<u>001</u>
p-cresidine	120-71-8	30	mg/kg	5	Method A ND	<i>Method B</i> ND
4,4'-methylene-bis- (2-chloroaniline)	101-14-4	30	mg/kg	5	ND	ND



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Test Report	No.: GZHL2205107929HM			Date:	Nov 17, 2022	Page 10 of 19
4,4'-oxydianiline	101-80-4	30	mg/kg	5	ND	ND
4,4'-thiodianiline	139-65-1	30	mg/kg	5	ND	ND
o-toluidine	95-53-4	30	mg/kg	5	ND	ND
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine, TDA	95-80-7	30	mg/kg	5	ND	ND
2,4,5-trimethylaniline	137-17-7	30	mg/kg	5	ND	ND
4-aminoazobenzene	60-09-3	30	mg/kg	5	ND	ND
O-Anisidine	90-04-0	30	mg/kg	5	ND	ND
2,4-Xylidine	95-68-1	30	mg/kg	5	ND	ND
2,6-Xylidine	87-62-7	30	mg/kg	5	ND	ND
Comment					PASS	PASS
Test Item(s)	CAS NO.	<u>Limit</u>	<u>Unit</u>	MDL	Method A	002 Method B
4-Aminobiphenyl	92-67-1	30	mg/kg	5	ND ND	ND
Benzidine	92-87-5	30	mg/kg	5	ND	ND
4-chloro-o-toluidine	95-69-2	30	mg/kg	5	ND	ND
2-naphthylamine	91-59-8	30	mg/kg	5	ND	ND
o-aminoazotoluene	97-56-3	30	mg/kg	5	ND	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	30	mg/kg	5	ND	ND
4-chloroaniline	106-47-8	30	mg/kg	5	ND	ND
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	30	mg/kg	5	ND	ND
4,4'-diaminodiphenylmethane, MDA	101-77-9	30	mg/kg	5	ND	ND
3,3'-dichlorobenzidine	91-94-1	30	mg/kg	5	ND	ND
3,3'-dimethoxybenzidine	119-90-4	30	mg/kg	5	ND	ND
3,3'-dimethylbenzidine	119-93-7	30	mg/kg	5	ND	ND



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Test Report	No.: GZHL2205107929HM			Date:	Nov 17, 2022	Page 11 of 19	
4,4'-methylenedi-o-toluidine/3,3'- Dimethyl-4,4'-diaminodiphenylm ethane	838-88-0	30	mg/kg	5	ND	ND	
Test Item(s)	CAS NO.	<u>Limit</u>	<u>Unit</u>	MDL	Method A	002 Method B	
p-cresidine	120-71-8	30	mg/kg	5	ND	ND	
4,4'-methylene-bis- (2-chloroaniline)	101-14-4	30	mg/kg	5	ND	ND	
4,4'-oxydianiline	101-80-4	30	mg/kg	5	ND	ND	
4,4'-thiodianiline	139-65-1	30	mg/kg	5	ND	ND	
o-toluidine	95-53-4	30	mg/kg	5	ND	ND	
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine, TDA	95-80-7	30	mg/kg	5	ND	ND	
2,4,5-trimethylaniline	137-17-7	30	mg/kg	5	ND	ND	
4-aminoazobenzene	60-09-3	30	mg/kg	5	ND	ND	
O-Anisidine	90-04-0	30	mg/kg	5	ND	ND	
2,4-Xylidine	95-68-1	30	mg/kg	5	ND	ND	
2,6-Xylidine	87-62-7	30	mg/kg	5	ND	ND	
Comment Notes					PASS	PASS	

- Notes:
- 1. Direct reduction (Method A) refers to the extraction and reduction according to EN ISO 14362-1:2017 clause 10.2 and relevant clauses. Colorant extraction (Method B) refers to the colourant extraction and subsequent reduction according to EN ISO 14362-1:2017 Clause 10.1 and relevant clauses.
- 2. 4-Aminodiphenyl (CAS No. 92-67-1), 2-Naphthylamine (CAS No. 91-59-8) and 2,4-Diaminoanisole (CAS No. 615-05-4) can be indirectly generated from some colorants which do not contain these amines azo bound. The use of banned azo colorants cannot be reliably ascertained without additional information.
- 3. In case PU is used, e.g. PU Foams or coatings, it cannot be ruled out that MDA (CAS No. 101-77-9) and TDA (CAS No. 95-80-7) can be released from PU material, not from banned azo colorant. Similarly, for pigment prints, MDA will be released from a chemical fixing agent.
- 4. EN ISO 14362-1:2017 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is



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considered as "ND" (i.e. <5.0 mg/kg). Otherwise, EN ISO 14362-3:2017 will be employed to verify the presence of 4-AAB.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w = 0) stated in ILAC-G8:09/2019.

## Sample Photo(s):





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Label

Certificate of approval [ ROCKEROS ] Children's full face 15-61 Model number: TS - 61 Blue and white black brand: ROCKBROS (Locke's brother) Product name: Bioycle helmet
Material: PG+EPS Execution standard: EN 1078:20124A1:2012 Origin: Jinhua, Zhejiang ca.400±30g Production batch: 221108 s(48-54cm)

Brand: Yiwu Rock sports Goods Co., LTD Address: 618 Danxi North Road, Beiguan Street, Yiwu city.
Zhejiang Province Complies with U.S. CPSC Safety Standard for Bicycle

Neliants for Persons Age 5 and Older
The phone: 0579-85263215
Company name: ROCKBROS USA
Address: 180 35th Street, Brooklyn.
NY 11232 United States
2022-1:

Phone number: 3475294431

Certificate of approval [ ROCKBROS ] Helmet pedal bicycle TS-61 TS - 61 Blue and white black

2022-11-08

2020-11-08

brand: ROCKBROS (Locke's brother)
Product name: Helmet pedal cycling/skateboarding/roller skating

Mater ial: PG+EPS Execution standard: EN 1078:2012+A1:2012

Origin: Jinhua, Zhejiang ca.420±30g Production batch: 221108 M(54-58cm) Brand: Yiwu Rock sports Goods Co., LTD

Address: 618 Danxi North Road, Beiyuan Street, Yiwa city, Zhejiang Province Complies with U.S. CPSC Safety Standard for Bicycle Helmets for Persons Age 3 and Older
The phone: 0579-85263215
Company name: ROCKBROS USA
Address: 150 35th Street, Brooklyn,
NY 11232 United States
Phone number: 3475294431

#### WARNING

Read the instruction manual before use; When in use must be tied tight; Large impact should stop use; Do not use corrosive solution to scrub the helmet; Wearing sports helmet correctly can effectively reduce sports injuries, but can not completely avoid injuries. Do not expose your helmet to high temperatures for long periods of time. When wearing, please adjust the length of the helmet strap to a suitable degree of tightness. Keep the helmet away from petroleum products, cleaners, paints, adhesives and other corrosive substances This helmet should not be used by children while climbing or doing other activities when there is a riskofstrangulation/hanging if the Failchild gets trapped with the helmet

Instruction

This helmet is suitable for cycling (including mountain bikes and road bikes) and can't be used for motorcycling or other sports. Please note: for safety, please ride at an appropriate speed to avoid head injuries from excessive impact due to the limitation on the protection for the uncovered part of the head.

The injuries can be relieved while wearing a helmet. To ensure maximum protection, please read the following guideline carefully.

### 1. Important Content

Thanks for choosing the ROCKBROS helmet. For better guarantee of safety, please read the instructions carefully before using your new helmet to ensure better protection while wearing the helmet. Make sure your helmet is used correctly, you need to be familiar with the attention points and the size of the helmet.

The recommended life cycle of this helmet is 3 years.

The protective principle of the helmet is that the outer shell and inner lining can absorb part of the energy generated by the impact. Even though the damage caused by the impact may be invisible on the helmet, please replace the helmet with a new one immediately. Please note that no helmet can fully prevent head injury in an accident. Sometimes low-speed collision also can result in serious head injury or death. Therefore, please pay attention to safety when riding.

#### 2. Helmet Maintenance

Only wipe your helmet with neutral detergent. The helmet may be damaged and contaminated when in contact with oil paints, petroleum products, cleaners, paints, adhesives or other similar products. The minor damages are invisible but may affect the protection effect.

Keep your helmet away from the high temperature.

If the helmet is exposed to temperatures above 150°F or 65°C, the helmet will be damaged. Exposing the helmet to high temperatures such as in packaging bags in the heat will cause damage to the helmet, and the surface may blister unevenly.

In this case, it is recommended to stop using it immediately and change a new helmet.

#### 3. Warning

If the helmet is used for motorcycle sports, it would not be able to provide proper safety protection. No helmet can fully protect the user from injury in the event of a crash.

Also, to give the user maximum protection, the helmet must fit your head and ensure that all ribbons and locks are fastened. Do not add any accessories to the helmet except those provided by the helmet manufacturer. Do not change any accessories at will, which may bring safety risks. The helmet cannot be used for climbing or related sports. Please



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#### Instruction

use. This helmet can only protect the users when wearing helmet in the right size. Consumers should try different sizes and choose a helmet that feels safe and comfortable.

The helmet should be adjusted to the proper position, including the locking of the latch lock and the length of the ribbons (after wearing it in place, make sure two fingers can pass between the ribbon and the chin), and the regulator is adjusted to the proper tightness.

#### 6. Lock System

The locking system of the helmet must be able to easily fasten and release without changing the regulator, and the ribbon must be tight and uniform with tension; the helmet is designed to be strapped to the chin with ribbons, wear the helmet tightly and buckle up the latch lock (see figure A).

Note: if any of the ribbons are loose, remove the helmet and tighten them. To tighten the chin ribbon, grab the latch lock with one hand and tighten the remaining ribbons with another hand(see figure B). To tighten the back ribbon, pull out the extra ribbon, grab the helmet with one hand and grab the ribbon with another hand, and pull the extra ribbon from one side to the other through the chin; the helmet must be firmly worn on your head and level with your head (see figure C).

Adjust the front of the helmet to cover your forehead, tighten the chin ribbon, then loosen the rear ribbon, then raise the front of the helmet, loosen the chin ribbon, and

tighten the rear ribbon. In order to check the tension of the ribbon, put on your helmet and buckle up the latch lock, and open your mouth, you will feel the ribbon tightening your chin. Then try to remove the helmet from the front and back. If the helmet is taken off, adjust the tension of the ribbon and check whether the lining sponge is thick enough. The helmet cannot move forward or backward excessively, nor can fall off without loosening the latch lock.

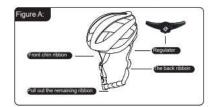
use the original packaging for storage when transporting or not in use.

#### 4. Check before Wearing

The helmet must fit your head perfectly. If the helmet is tilted forward or tipped back when used, you need to adjust the ribbons and tighten them.

A helmet that fits your head will give you the most protection.

You must check all the controls carefully before each use to ensure the helmet staying firmly on your head.



## Instruction

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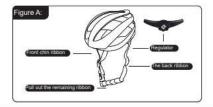
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#### Instruction

#### 5. Helmet Wearing

In order to protect the head more effectively, the helmet must be the right size and worn correctly.

Check the helmet whether fits: wear the helmet on your head, make sure the ribbons are adjusted as instructed, buckle up the latch lock, then fasten the helmet tightly, rotate it from front to back. If the helmet is in right size, it should be comfortable to wear, and will reveal your forehead while moving forward or backward without blocking the view. In order to make sure the helmet fits properly, the lining sponge must fit your own head (see figure B).

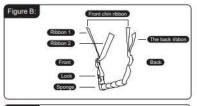
Note: please check the regulator carefully before each

## 6. Warning Note

When the helmet is hit hard the helmet should be discarded and

a statement of the danger of modifying or removing any of the original component parts of the he innet other than as recommended by the manufacturerand that Fail

Fall helmets should not be adapted for the purpose of fitting accessories in a way not recommended by the manufacturer.







Test line for 48cm-54cm (535) EN 960:2006 head form





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Test line for 54cm-57cm (575) EN 960:2006 head form Photo 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

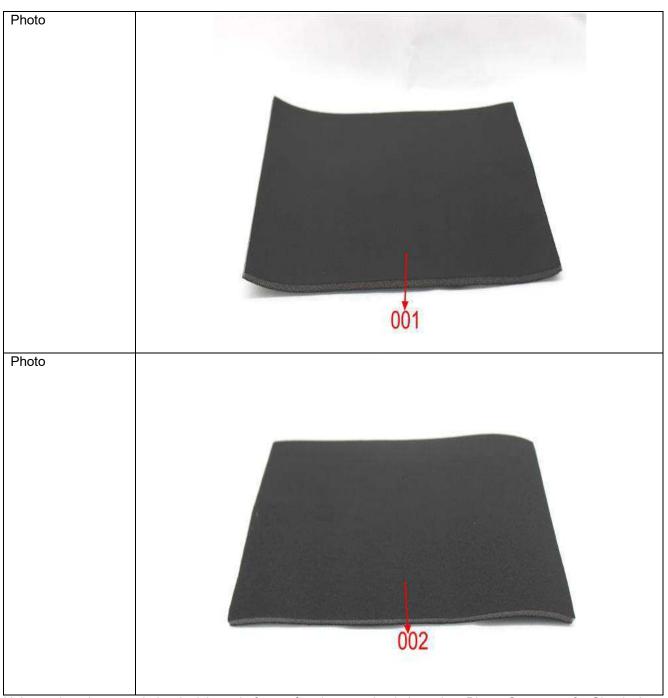


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Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

## \*\*\*End of Report\*\*\*



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