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检测
TESTING
CNAS L0167

Test Report

No.: GZHL241004465501HM

Date: Nov 05, 2024

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HUI ZHOU CHINION SPORTS TECHNOLOGY CO., LTD
125 FUXING AVENUE, FUXING INDUSTRIAL ZONE, FUTIAN TOWN, BOLUO COUNTY, HUIZHOU CITY,
GUANGDONG PROVINCE

Sample Description : BICYCLE HELMET
Item No. : ZL-B068
Style No. : XS(48-50cm),S (51-54cm) ,M(55-58cm), L (59-61cm)
Country of Origin : CHINA
Country of Destination : AMERICA
Size : XS 48cm-50cm, S 51cm-54cm, M 55cm-58cm, L 59cm-61cm

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.

HPI (from reference plane) : 48cm-50cm: 24mm For A ISO
51cm-54cm: 30mm For E ISO
55cm-58cm: 32mm For J ISO
59cm-61cm: 23mm For M ISO
Tested Age grading : 5 and older
Sample Receiving Date : Oct 18, 2024
Test Performing Date : Oct 18, 2024 to Nov 05, 2024
Test Performed : CPSC 16 CFR Part 1203
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

Joe Chow
Authorized Signatory

Scan to see the report



GZHL241004465501HM

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Guangzhou Branch

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Test Conducted: Based on **CPSC 16 CFR Part 1203** Safety Standard for Bicycle Helmets

Number of Tested Sample: 24 piece(s)

Test Results: Details shown as following table

Subpart A —The Standard

Clause	Test Item / Test Requirement / Test Method	Test Result
1203.5	Construction requirements – projections. Any unfaired projection extending more than 7 mm (0.28 in.) from the helmet's outer surface shall break away or collapse when impacted with forces equivalent to those produced by the applicable impact-attenuation tests in § 1203.17 of this standard. There shall be no fixture on the helmet's inner surface projecting more than 2 mm into the helmet interior.	Pass
1203.6	Labeling and instructions	
	(a) Labeling	
	Each helmet shall be marked with durable labeling so that the following information is legible and easily visible to the user:	Pass
	(1) Model designation.	Pass
	(2) A warning to the user that no helmet can protect against all possible impacts and that serious injury or death could occur.	Pass
	(3) A warning on both the helmet and the packaging that for maximum protection the helmet must be fitted and attached properly to the wearer's head in accordance with the manufacturer's fitting instructions.	Pass
	(4) A warning to the user that the helmet may, after receiving an impact, be damaged to the point that it is no longer adequate to protect the head against further impacts, and that this damage may not be visible to the user. This label shall also state that a helmet that has sustained an impact should be returned to the manufacturer for inspection, or be destroyed and replaced.	Pass
	(5) A warning to the user that the helmet can be damaged by contact with common substances (for example, certain solvents [ammonia], cleaners [bleach], etc.), and that this damage may not be visible to the user. This label shall state in generic terms some recommended cleaning agents and procedures (for example, wipe with mild soap and water), list the most common substances that damage the helmet, warn against contacting the helmet with these substances, and refer users to the instruction manual for more specific care and cleaning information.	Pass
	(6) Signal word. The labels required by paragraphs (a) (2) through (5) of this section shall include the signal word "WARNING" at the beginning of each statement, unless two or more of the statements appear together on the same label. In that case, the signal word need only appear once, at the beginning of the warnings. The signal word "WARNING" shall be in all capital letters, bold print, and a type size equal to or greater than the other text on the label.	Pass
(b) Instructions		



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Clause	Test Item / Test Requirement / Test Method	Test Result
	Each helmet shall have fitting and positioning instructions, including a graphic representation of proper positioning	Pass
1203.12	Test requirements	
	(a) Peripheral vision All bicycle helmets shall allow unobstructed vision through a minimum of 105° to the left and right sides of the mid-sagittal plane when measured in accordance with § 1203.14 of this standard.	Pass See annex 1
	(b) Positional stability No bicycle helmet shall come off of the test headform when tested in accordance with § 1203.15 of this standard.	Pass See annex 2
	(c) Dynamic strength of retention system All bicycle helmets shall have a retention system that will remain intact without elongating more than 30 mm (1.2 in.) when tested in accordance with § 1203.16 of this standard.	Pass See annex 3
	(d) Impact attenuation criteria (1) General. A helmet fails the impact attenuation performance test of this standard if a failure under paragraph (d)(2) of this section can be induced under any combination of impact site, anvil type, anvil impact order, or conditioning environment permissible under the standard, either with or without any attachments, or combinations of attachments, that are provided with the helmet. Thus, the Commission will test for a “worst case” combination of test parameters. What constitutes a worst case may vary, depending on the particular helmet involved. (2) Peak acceleration. The peak acceleration of any impact shall not exceed 300 g when the helmet is tested in accordance with § 1203.17 of this standard.	Pass See annex 4

Subpart B—Certification

Clause	Test Item / Test Requirement / Test Method	Test Result
1203.34	Product certification and labeling by manufacturers (including importers)	
(b)	Contents of certification label.	
	The certification labels required by this section shall contain the following:	Pass
	(1) The statement “Complies with U.S. CPSC Safety Standard for Bicycle Helmets for Persons Age 5 and Older” or “Complies with U.S. CPSC Safety Standard for Bicycle Helmets for Persons Age 1 and Older (Extended Head Coverage)”, as appropriate; this label may spell out “U.S. Consumer Product Safety Commission” instead of “U.S. CPSC”;	Pass
	(2) The name of the U.S. manufacturer or importer responsible for issuing the certificate or the name of a private labeler;	Pass
	(3) The address of the U.S. manufacturer or importer responsible for issuing the certificate or, if the name of a private labeler is on the label, the address of the private labeler;	Pass



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Clause	Test Item / Test Requirement / Test Method	Test Result
	(4) The name and address of the foreign manufacturer, if the helmet was manufactured outside the United States;	Pass
	(5) The telephone number of the U.S. manufacturer or importer responsible for issuing the certificate or, if the name of a private labeler is on the label, the telephone number of the private labeler;	Pass
	(6) An identification of the production lot; and	Pass
	(7) The uncoded month and year the product was manufactured.	Pass
	Coding	
(c)	(1) The information required by paragraphs (b) (4) and (b) (6) of this section, and the information referred to in paragraph (c) (2) of this section, may be in code, provided:	NA
	(i) The person or firm issuing the certificate maintains a written record of the meaning of each symbol used in the code, and	
	(ii) The record shall be made available to the distributor, retailer, consumer, and Commission upon request.	
	(2) A serial number may be used in place of a production lot identification on the helmet if it can serve as a code to identify the production lot. If a bicycle helmet is manufactured for sale by a private labeler, and if the name of the private labeler is on the certification label, the name of the manufacturer or importer issuing the certificate, and the name and address of any foreign manufacturer, may also be in code.	
(d)	Placement of the label(s) The information required by paragraphs (b)(2), (b)(3), and (b)(5) of this section must be on one label. The other required information may be on separate labels. The label(s) required by this section must be affixed to the bicycle helmet. If the label(s) are not immediately visible to the ultimate purchaser of the bicycle helmet prior to purchase because of packaging or other marketing practices, a second label is required. That label shall state, as appropriate, "Complies with U.S. CPSC Safety Standard for Bicycle Helmets for Persons Age 5 and Older", or "Complies with U.S. CPSC Safety Standard for Bicycle Helmets for Persons Age 1 and Older (Extended Head Coverage)". The label shall be legible, readily visible, and placed on the main display panel of the packaging or, if the packaging is not visible before purchase (e.g., catalog sales), on the promotional material used with the sale of the bicycle helmet. This label may spell out "U.S. Consumer Product Safety Commission" instead of "U.S. CPSC."	Pass

Remark: 1. NA = Not applicable.
2. NT = Not tested as per client's request.
3. The result of size L are extracted from the test report number GZHL2406026756HM.



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Impact attenuation instrument system check:

Systems check	Trial drop	Drop Height (cm)	VEL. m/sec	Milliseconds at		
				Peak G	150 g	200 g
Pre-test	1	162.2	5.45	384.9	2.77	2.32
	2	162.3	5.46	390.0	2.78	2.33
	3	162.1	5.43	388.5	2.78	2.33
Pretest average		-	-	387.8	-	-
Post test	1	162.0	5.43	388.5	2.78	2.33
	2	162.0	5.47	391.6	2.79	2.34
	3	162.0	5.42	387.0	2.78	2.33
Post test average		-	-	389.0	-	-
Difference between pretest and post test averages				1.2g	Difference not to exceed 5%	

Item No: ZL-B068

Size: 48-50 cm

Head form: A ISO

HPI (from reference plane): 24 mm

Annex 1: Peripheral vision test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.14

Ambient temperature at time of test: 23.0 °C

Condition	Horizontal vision	Result
Ambient No. 1	>105°	Pass

Annex 2: Positional stability test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.15

Ambient temperature at time of test: 23.0 °C

Condition	Come off or not		Result
Ambient No. 5	From rear	Not come off	Pass
	From front	Not come off	Pass

Annex 3: Retention system strength

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.16

Ambient temperature at time of test: 23.0 °C

Condition	Elongation (mm)	Result
Ambient condition No.1	14.7	Pass
High temperature No.2	19.0	Pass
Low temperature No. 3	18.6	Pass
Water immersion No.4	21.3	Pass



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Annex 4: Impact energy attenuation test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.17

Ambient temperature at time of test: 23.0 °C

Condition	Sample Mass (g)	Impact Loc.	Anvil	Vel.-m/sec	Peak'G	Result
Ambient Condition No.1	643	Front	Flat	6.18	160.2	Pass
		Left	Flat	6.18	174.9	Pass
		Crown	Hemispherical	4.82	98.1	Pass
		Rear	Hemispherical	4.83	106.3	Pass
High Temperature No.2	639	Crown	Flat	6.18	167.3	Pass
		Left	Flat	6.20	160.2	Pass
		Right Front	Hemispherical	4.80	96.6	Pass
		Right Rear	Hemispherical	4.81	98.7	Pass
Low Temperature No.3	647	Crown	Flat	6.22	182.1	Pass
		Rear	Flat	6.18	172.4	Pass
		Front	Hemispherical	4.78	81.9	Pass
		Left	Hemispherical	4.81	94.6	Pass
Water Immersion No.4	643	Left Front	Flat	6.19	149.0	Pass
		Left Rear	Flat	6.21	156.6	Pass
		Right Front	Hemispherical	4.81	93.1	Pass
		Right Rear	Hemispherical	4.80	92.0	Pass
Ambient Condition No.5	647	Front	Curbstone	4.80	100.7	Pass
High Temperature No.6	642	Crown	Curbstone	4.80	98.7	Pass
Low Temperature No.7	638	Left	Curbstone	4.81	120.5	Pass
Water Immersion No.8	645	Rear	Curbstone	4.81	117.5	Pass

Item No: ZL-B068

Size: 51-54 cm

Head form: E ISO

HPI (from reference plane): 30 mm

Annex 1: Peripheral vision test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.14

Ambient temperature at time of test: 23.0 °C

Condition	Horizontal vision	Result
Ambient No. 1	>105°	Pass

Annex 2: Positional stability test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.15



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Ambient temperature at time of test: 23.0 °C

Condition	Come off or not		Result
Ambient No. 5	From rear	Not come off	Pass
	From front	Not come off	Pass

Annex 3: Retention system strength

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.16

Ambient temperature at time of test: 23.0 °C

Condition	Elongation (mm)	Result
Ambient condition No.1	19.8	Pass
High temperature No.2	17.4	Pass
Low temperature No. 3	19.2	Pass
Water immersion No.4	18.0	Pass

Annex 4: Impact energy attenuation test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.17

Ambient temperature at time of test: 23.0 °C

Condition	Sample Mass (g)	Impact Loc.	Anvil	Vel.-m/sec	Peak'G	Result
Ambient Condition No.1	651	Front	Flat	6.19	169.3	Pass
		Left	Flat	6.20	158.1	Pass
		Crown	Hemispherical	4.80	79.3	Pass
		Rear	Hemispherical	4.84	101.7	Pass
High Temperature No.2	650	Crown	Flat	6.20	148.5	Pass
		Left	Flat	6.21	156.6	Pass
		Right Front	Hemispherical	4.86	108.3	Pass
		Right Rear	Hemispherical	4.81	83.4	Pass
Low Temperature No.3	650	Crown	Flat	6.19	155.1	Pass
		Rear	Flat	6.19	181.0	Pass
		Front	Hemispherical	4.79	107.3	Pass
		Left	Hemispherical	4.80	93.1	Pass
Water Immersion No.4	648	Left Front	Flat	6.21	146.5	Pass
		Left Rear	Flat	6.20	155.1	Pass
		Right Front	Hemispherical	4.81	98.7	Pass
		Right Rear	Hemispherical	4.79	91.5	Pass
Ambient Condition No.5	659	Front	Curbstone	4.81	108.8	Pass



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High Temperature No.6	656	Crown	Curbstone	4.82	86.4	Pass
Low Temperature No.7	648	Left	Curbstone	4.79	110.9	Pass
Water Immersion No.8	650	Rear	Curbstone	4.82	109.8	Pass

Item No: ZL-B068 Size: 55-58 cm Head form: J ISO HPI (from reference plane): 32 mm

Annex 1: Peripheral vision test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.14

Ambient temperature at time of test: 23.0 °C

Condition	Horizontal vision	Result
Ambient No. 1	>105°	Pass

Annex 2: Positional stability test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.15

Ambient temperature at time of test: 23.0 °C

Condition	Come off or not		Result
Ambient No. 5	From rear	Not come off	Pass
	From front	Not come off	Pass

Annex 3: Retention system strength

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.16

Ambient temperature at time of test: 23.0 °C

Condition	Elongation (mm)	Result
Ambient condition No.1	21.4	Pass
High temperature No.2	19.6	Pass
Low temperature No. 3	21.0	Pass
Water immersion No.4	22.0	Pass

Annex 4: Impact energy attenuation test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.17

Ambient temperature at time of test: 23.0 °C

Condition	Sample Mass (g)	Impact Loc.	Anvil	Vel.-m/sec	Peak'G	Result
Ambient Condition No.1	680	Front	Flat	6.20	188.7	Pass
		Left	Flat	6.24	216.1	Pass



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Date: Nov 05, 2024

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		Crown	Hemispherical	4.79	121.5	Pass
		Rear	Hemispherical	4.81	133.2	Pass
High Temperature No.2	686	Crown	Flat	6.17	234.4	Pass
		Left	Flat	6.22	205.4	Pass
		Right Front	Hemispherical	4.82	99.7	Pass
		Right Rear	Hemispherical	4.80	132.2	Pass
Low Temperature No.3	683	Crown	Flat	6.19	275.1	Pass
		Rear	Flat	6.21	258.8	Pass
		Front	Hemispherical	4.82	101.7	Pass
		Left	Hemispherical	4.81	135.3	Pass
Water Immersion No.4	680	Left Front	Flat	6.20	194.3	Pass
		Left Rear	Flat	6.20	217.1	Pass
		Right Front	Hemispherical	4.79	127.6	Pass
		Right Rear	Hemispherical	4.80	125.6	Pass
Ambient Condition No.5	682	Front	Curbstone	4.79	102.7	Pass
High Temperature No.6	681	Crown	Curbstone	4.82	127.6	Pass
Low Temperature No.7	681	Left	Curbstone	4.79	134.8	Pass
Water Immersion No.8	682	Rear	Curbstone	4.82	154.1	Pass

Model: ZL-B068 Size: 59-61 cm Head form: M ISO HPI (from reference plane): 23 mm

Annex 1: Peripheral vision test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.14

Ambient temperature at time of test: 23.0 °C

Condition	Horizontal vision	Result
Ambient No. 1	>105°	Pass

Annex 2: Positional stability test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.15

Ambient temperature at time of test: 23.0 °C

Condition	Come off or not		Result
	From rear	Not come off	
Ambient No. 5	From front	Not come off	Pass

Annex 3: Retention system strength

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.16

Ambient temperature at time of test: 23.0 °C



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Condition	Elongation (mm)	Result
Ambient condition No.1	18.6	Pass
High temperature No.2	19.2	Pass
Low temperature No. 3	19.6	Pass
Water immersion No.4	18.4	Pass

Annex 4: Impact energy attenuation test

Test Specification: 16 CFR Ch.II (1-1-16 Edition) PART 1203.17

Ambient temperature at time of test: 23.0 °C

Condition	Sample Mass (g)	Impact Loc.	Anvil	Vel.-m/sec	Peak'G	Result
Ambient Condition No.1	705	Front	Flat	6.18	199.9	Pass
		Left	Flat	6.19	208.5	Pass
		Crown	Hemispherical	4.84	124.1	Pass
		Rear	Hemispherical	4.81	122.7	Pass
High Temperature No.2	715	Crown	Flat	6.19	228.3	Pass
		Left	Flat	6.17	211.6	Pass
		Front	Hemispherical	4.80	102.0	Pass
		Rear	Hemispherical	4.82	119.1	Pass
Low Temperature No.3	712	Crown	Flat	6.19	245.5	Pass
		Rear	Flat	6.20	238.7	Pass
		Front	Hemispherical	4.81	105.1	Pass
		Left	Hemispherical	4.80	144.0	Pass
Water Immersion No.4	707	Left Front	Flat	6.19	188.6	Pass
		Left Rear	Flat	6.17	211.6	Pass
		Right Front	Hemispherical	4.79	100.6	Pass
		Right Rear	Hemispherical	4.80	120.0	Pass
Ambient Condition No.5	704	Front	Curbstone	4.79	119.6	Pass
High Temperature No.6	698	Crown	Curbstone	4.83	122.3	Pass
Low Temperature No.7	713	Left	Curbstone	4.82	152.1	Pass
Water Immersion No.8	709	Rear	Curbstone	4.80	153.0	Pass



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Sample	
Front view	



Side view	
Back view	



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Label	Ref/Lot#: 2024.10.29 Location: HuiZhou,China Production: Oct 7, 2024 Manufactured by : Hui Zhou Chinion Sports Technology Co., LTD 125 Fuxing Avenue, Fuxing Industrial Zone, Futian Town, Boluo County, Huizhou City, Guangdong Province Distributed by : Chinion Sports Technology Co., LTD Telephone:+ 1-713-529-4743 11960 Westline Industrial Drive Suite 283, This Helmet complies with U.S. CPSC Safety Standard for Bicycle Helmets For persons age 5 and older. MODEL: ZL-B068 SIZE:XS(48-50CM) WEIGHT:650g MADE IN CHINA
Label	Ref/Lot#: 2024.10.29 Location: HuiZhou,China Production: Oct 7, 2024 Manufactured by : Hui Zhou Chinion Sports Technology Co., LTD 125 Fuxing Avenue, Fuxing Industrial Zone, Futian Town, Boluo County, Huizhou City, Guangdong Province Distributed by : Chinion Sports Technology Co., LTD Telephone:+ 1-713-529-4743 11960 Westline Industrial Drive Suite 283, This Helmet complies with U.S. CPSC Safety Standard for Bicycle Helmets For persons age 5 and older. MODEL: ZL-B068 SIZE:S(51-54CM) WEIGHT:640g MADE IN CHINA
Label	Ref/Lot#: 2024.10.29 Location: HuiZhou,China Production: Oct 7, 2024 Manufactured by : Hui Zhou Chinion Sports Technology Co., LTD 125 Fuxing Avenue, Fuxing Industrial Zone, Futian Town, Boluo County, Huizhou City, Guangdong Province Distributed by : Chinion Sports Technology Co., LTD Telephone:+ 1-713-529-4743 11960 Westline Industrial Drive Suite 283, This Helmet complies with U.S. CPSC Safety Standard for Bicycle Helmets For persons age 5 and older. MODEL: ZL-B068 SIZE:M(55-58CM) WEIGHT:680g MADE IN CHINA
Label	Ref/Lot#: 2024.10.29 Location: HuiZhou,China Production: Oct , 29, 2024 Manufactured by : Hui Zhou Chinion Sports Technology Co., LTD 125 Fuxing Avenue, Fuxing Industrial Zone, Futian Town, Boluo County, Huizhou City, Guangdong Province Distributed by : Chinion Sports Technology Co., LTD Telephone:+ 1-713-529-4743 11960 Westline Industrial Drive Suite 283, This Helmet complies with U.S. CPSC Safety Standard for Bicycle Helmets For persons age 5 and older. MODEL: ZL-B068 SIZE:L(59-61CM) WEIGHT:700g MADE IN CHINA
Label	WARNING! NO HELMET CAN PREVENT ALL HEAD INJURIES. EVEN IN VERY LOW SPEED ACCIDENTS, SERIOUS INJURY OR DEATH CAN OCCUR. FOR BEST PROTECTION, FOLLOW MANUAL FITTING INSTRUCTION; HELMET MUST FIT SNUGLY. WEAR CHIN STRAP COMFORTABLY TIGHT AGAINST THROAT. FASTEN BUCKLE SECURELY. DESTROY AND REPLACE HELMET AFTER IMPACT. PROTECTION MAY NOT BE ADEQUATE IN FUTURE IMPACTS. DAMAGE CAN BE INVISIBLE. DON'T MODIFY ANYTHING ON THIS HELMET. IT COULD REDUCE THE HELMET'S ABILITY OF PROTECTION. DO NOT CLEAN WITH SOLVENTS, BLEACHES OR STRONG DETERGENTS. THEY CAN DAMAGE HELMET, SOMETIMES INVISIBLY. USE MILD SOAP AND WATER ONLY. READ MANUAL. MADE IN CHINA



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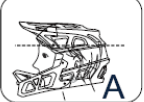
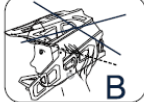
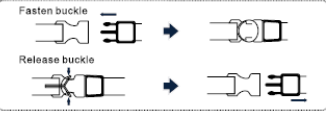
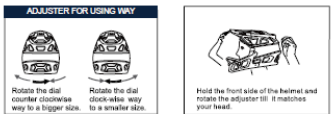
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Label	WARNING! NO HELMET CAN PREVENT ALL HEAD INJURIES. CAN'T BE USED BY CHILDREN WHILE CLIMBING OR DOING OTHER ACTIVITIES WHEN THERE IS A RISK OF STRANGULATION/HANGING IF THE CHILD GETS TRAPPED. EVEN IN LOW SPEED ACCIDENTS, SERIOUS INJURY OR DEATH CAN OCCUR. HELMET SHOULD BE ADJUSTED TO FIT THE USER, 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. IT SHOULD BE PLACED SO AS TO PROTECT THE FOREHEAD AND NOT BE PUSHED TOO FAR OVER THE BACK OF THE HEAD. STRAPS POSITION DO NOT COVER THE EARS. BUCKLE POSITION SHOULD AWAY FROM THE JAWBONE. STRAP, BUCKLE AND CHIN STRAP POSITION SHOULD BE COMFORTABLE AND FIRM. 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. HOW TO USE YOUR HELMET CORRECT INCORRECT ADJUST THE STRAPS  
Instruction	INSTRUCTIONS ◆ HELMET'S INSTRUCTION MANUAL ◆ • Functions A) Safety The helmet can prevent your head from being accidental injured. When you wear this helmet please carefully read the manual instruction. However, not all kinds of accidents can be prevented by the helmets. Please obey the traffic regulation and the safety tips of cycling so that your cycling can be safe. B) Comfort Vents designed on the helmets will ensure the heat will be taken away fast. You will still feel comfortable after a long time wearing with the vents & soft inner pad. • How to wear it A) Position Ensure that the helmet brings your head slight pressure and is positioned horizontally on the head which make it higher than your eyebrow and ear. Safety problems may happen if the helmet is not wore correctly. ○ Correct X Wrong  
Instruction	Make sure all the parts are in correct position.(Chart A, B) B) Adjustment system ① Side strap buckles The side strap buckles should be on the proper and most comfortable position, the buckles should be away from the mandible. (Chart C)   ② Chin strap buckle The proper way of releasing the chin-buckle is as shown below:  C) Size system Way of functioning the adjuster is as shown in the picture below: ADJUSTER FOR USING WAY  • REMARK 1. Since other solvents may damage the EPS, the helmet shell should be cleaned with lukewarm water. 2. The helmet must not be exposed to temperatures over 66 centigrade. 3. Use the auto-dialer to adjust the size to the most comfortable one, which can perform the full protection function of the helmet.



Rear test line for (A) ISO	
Front test line for (E) ISO	

Side test line for (E) ISO	
Rear test line for (E) ISO	



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Front test line for (J) ISO	
Side test line for (J) ISO	



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Front test line for (M) ISO	

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