

Test Report No.: GZHL2104012310HM Date: Apr 23, 2021 Page 1 of 19

TSG INTERNATIONAL AG BÜLACHSTRASSE 5 | 8057 ZÜRICH | SWITZERLAND

Sample Description : HELMET

Item No. : SCOPE (TSG61-Y-1)

Buyer : TSG INTERNATIONAL AG

Manufacturer : NINGBO TIANQI TECHNOLOGY CO., LTD.

Country of Origin : MADE IN CHINA

Country of Destination : AUSTRIA

Other Info : SIZE:S/M 54-56cm & L/XL 57-59cm

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.

Size : 54cm-56cm, 57cm-59cm

Tested age grade : 5 AND OLDER

HPI (from reference plane) : 54cm-56cm: 12mm FOR E ISO

57cm-59cm: 13mm FOR J ISO

Sample Receiving Date : Apr 09, 2021

Test Performing Date : Apr 09, 2021 to Apr 22, 2021
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

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

Number of Tested Sample: 16 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
	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
1203.6	(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
	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
1203.12	(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

1203.34	Product certification and labeling by manufacturers (including importers)					
	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				
(b)	(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				
	(4) The name and address of the foreign manufacturer, if the helmet was manufactured outside the United States;	Pass				



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	(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	
	(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:	
	(i) The person or firm issuing the certificate maintains a written record of the meaning of each symbol used in the code, and	
(c)	(ii) The record shall be made available to the distributor, retailer, consumer, and Commission upon request.	NA
	(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.



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Impact attenuation instrument system check:

Systems check	Trial drop	Drop Height VEL.	VEL.	Milliseconds at		
Systems check	That drop	(cm)	m/sec	Peak G	150 g	200 g
	1	160.1	5.47	404.3	2.64	2.22
Pre-test	2	159.8	5.48	401.9	2.63	2.23
	3	160.4	5.44	399.6	2.66	2.22
Pretest aver	age			401.9		
	1	160.2	5.48	402.6	2.65	2.24
Post test	2	160.6	5.46	403.2	2.63	2.22
	3	160.1	5.49	401.8	2.64	2.23
Post test average				402.5		
Difference between pretest and post test averages				0.6g		ot to exceed %

Model: Scope (TSG61-Y-1) Size: 54-56 cm Head form: E ISO

HPI (from reference plane): 12 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: 23.2 °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: 23.2 °C

Condition		Result	
	From rear	Not come off	Pass
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: 23.2 °C

•		
Condition	Elongation (mm)	Result
Ambient condition No.1	17.0	Pass
High temperature No.2	15.3	Pass
Low temperature No. 3	16.5	Pass
Water immersion No.4	15.5	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: 23.2 °C

Condition	Sample Mass (g)	Impact Loc.	Anvil	Velm/sec	Peak'G	Result
		Crown	Flat	6.22	242.5	Pass
Ambient Condition	386	Left	Flat	6.25	208.7	Pass
No.1	300	Right front	Hemispherical	4.80	107.9	Pass
		Rear	Hemispherical	4.91	119.8	Pass
		Front	Flat	6.22	169.7	Pass
High Temperature	391	Rear	Flat	6.32	181.6	Pass
No.2	391	Crown	Hemispherical	4.85	107.9	Pass
		Left	Hemispherical	4.78	99.4	Pass
		Crown	Flat	6.18	241.1	Pass
Low Temperature	re 388	Left	Flat	6.25	213.0	Pass
No.3		Right front	Hemispherical	4.82	89.4	Pass
		Rear	Hemispherical	4.76	120.8	Pass
	386	Front	Flat	6.27	173.5	Pass
Water Immersion		Rear	Flat	6.30	193.0	Pass
No.4		Crown	Hemispherical	4.75	98.9	Pass
		Left	Hemispherical	4.77	96.0	Pass
Ambient Condition No.5	388	Left Front	Curbstone	4.80	99.8	Pass
High Temperature No.6	387	Crown	Curbstone	4.75	107.9	Pass
Low Temperature No.7	391	Right front	Curbstone	4.76	111.7	Pass
Water Immersion No.8	390	Rear	Curbstone	4.79	133.1	Pass

Model: Scope (TSG61-Y-1) Size: 57-59 cm Head form: J ISO

HPI (from reference plane): 13 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: 23.2 ℃

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

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Annex 2: Positional stability test

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

Ambient temperature at time of test: 23.2 ℃

Condition		Result	
	From rear	Not come off	Pass
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: 23.2 ℃

Condition	Elongation (mm)	Result
Ambient condition No.1	16.0	Pass
High temperature No.2	15.6	Pass
Low temperature No. 3	15.6	Pass
Water immersion No.4	15.5	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: 23.2 °C

Ambient temperature at time of test: 23.2 C										
Condition	Sample Mass (g)	Impact Loc.	Anvil	Velm/sec	Peak'G	Result				
Ambient Condition No.1	388	Crown	Flat	6.24	219.7	Pass				
		Left	Flat	6.29	207.8	Pass				
		Right front	Hemispherical	4.82	99.4	Pass				
		Rear	Hemispherical	4.81	113.6	Pass				
High Temperature No.2	385	Front	Flat	6.25	168.8	Pass				
		Rear	Flat	6.27	189.2	Pass				
		Crown	Hemispherical	4.79	96.0	Pass				
		Left	Hemispherical	4.83	105.5	Pass				
Low Temperature No.3	388	Crown	Flat	6.25	237.7	Pass				
		Left	Flat	6.27	201.1	Pass				
		Right front	Hemispherical	4.80	100.8	Pass				
		Rear	Hemispherical	4.77	124.6	Pass				
Water Immersion No.4	386	Front	Flat	6.25	174.5	Pass				
		Rear	Flat	6.26	189.7	Pass				
		Crown	Hemispherical	4.81	107.0	Pass				
		Left	Hemispherical	4.79	104.6	Pass				
Ambient Condition No.5	391	Left Front	Curbstone	4.82	115.1	Pass				



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High Temperature No.6	390	Crown	Curbstone	4.81	117.4	Pass
Low Temperature No.7	388	Right front	Curbstone	4.80	112.7	Pass
Water Immersion No.8	388	Rear	Curbstone	4.80	126.9	Pass

Sample Photo(s):





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Labels LOT#72880824-04-14-21+ LOT#72880826-04-14-21e MODEL#TSG61-Y-1 MIPS REF#202666 Package DEUTSCH Helm für Radfahrer, Skateboarder und Rollschuhfahrer. Helmet for pedal cyclists, skateboarders or roller ACHTUNG! Um maximalen Schutz zu gewährleisten, muss der Helm gemäß der Gebrauchsanweisung sicher am Kopf des Trägers befestigt sein. Die Gebrauchsan-weisung liegt dem Benutzerhandbuch bei. Lesen Sie das **WARNING!** For maximum protection, the helmet must be fitted and attached to the wearer's head in accordance with the manufacturer's fitting instruction, Fitting instructions can be found in the helmet owner's Benutzerhandbuch vor Gebrauch des Helms. manual. Before use read your owner's manual. ACHTUNG! Dieser Helm sollte nicht durch Kinder beim **WARNING!** This helmet should not be use by children while climbing or doing other activities when there is a risk of strangulation/hanging if the child gets trapped Klettern oder anderen Aktivitäten verwendet werden, wenn ein Risiko besteht, sich zu strangulieren/hängen zu bleiben, falls sich das Kind mit dem Helm verfängt. with the helmet. Dieser Helm ist nicht für den Gebrauch auf Motorfahrzeugen bestimmt. This helmet is not intended for motor vehicle use. FRANÇAIS Casque pour cyclistes et pour utilisateurs de planches à roulettes et de patins à roulettes. Casco para ciclistas y para usuarios de monopatines y patines de ruedas. ATENCIÓN! Para garantizar la máxima seguridad, el casco se debe ajustar correctamente conforme a las instrucciones de uso y debe quedar ceñido a la cabeza del usuario. Las instrucciones de uso están incluidas en el manual de usuario. Lea detenidamente el manual de usuario antes de utilizar el casco. ATTENTION! Pour une protection maximale, ce casque doit être adapté et fixé à la tête de son propriétaire, conformément aux instructions du fabricant. Ces instructions se trouvent dans le manuel d'utilisation fourni avec le casque. Avant l'utilisation, lisez ce manuel. ATTENTION! Il convient que les enfants n'utilisent pas ce casque alors qu'ils grimpent ou s'adonnent à des activités induisant un risque de pendaison au cas où ils resteraient accrochés par leur casque. ATENCIÓN! No es aconsejable que los niños utilicen este casco para realizar escalada u otras actividades que presenten un riesgo de estrangulamiento en caso de quedar enganchados por el casco. Este casco no está diseñado para su uso en vehículos de motor, Ce casque n'est pas destiné à être utilisé sur les véhicules à moteur.



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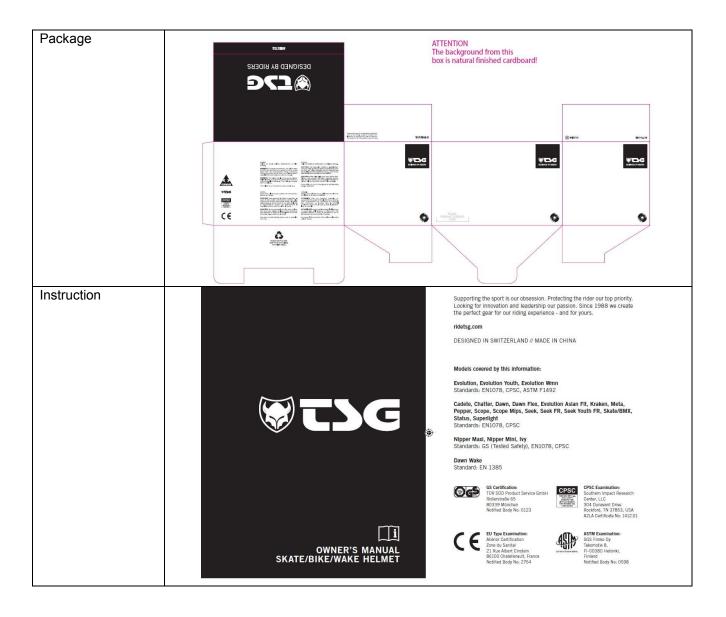
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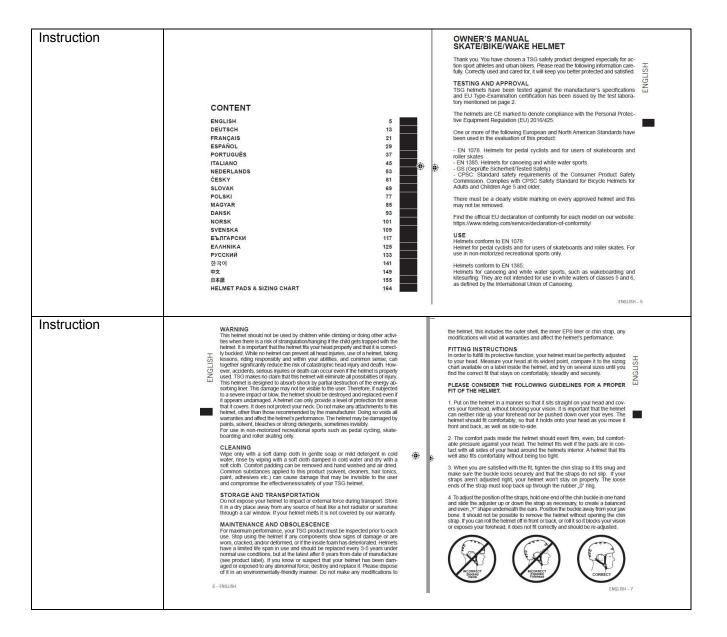
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Instruction

HOW TO CUSTOMIZE YOUR FIT
Our Tuned Fit System allows you to did in your fit using different thickness
comfort pads on the interior of the helmet. Your helmet comes with two sizes
of comfort pads. Carefully separate the Velcro strips at room temperature to
remove the pads on the inside of the helmet and swap them for the thickness
you need. Your helmet package contains spare fastering points in case or
fit will be a straight of the straight of the Velcro fastering points becomes detached if the helmet still does not
fit after having adjusted it with the pads, choose another size. Comfort pads
can be purchased expendely in all the valous sizes.

HELMETS WITH FLEXTECH INNER-SHELL
If you have purchased a TSG helmet with FlexTech Technology, you will note
the inner shell of your helmet consists of several EPS foam segments which
are connected with a strong mylon webbing tape. These individual segments
are slightly adjustable and therefore adapt perfectly to your head shape. Our
FlexTech Technology increases comfort, whilst completely fulfilling all legal
norms regarding design and impact protection.

HEI METS WITH DIAL-FIT SYSTEM

HELMETS WITH DIAL-FIT SYSTEM If you have purchased a TSG helmet with Dial-Fit System, you can size ad-just your helmet by dial. To tighten the dial, turn it clockwise to a comfortable it. To loosen, turn the dial counterclockwise. The fit should be snull, but not uncomfortably tight. Be sure to check the adjustment of your helmet before each ride: The Dial Fit System is designed to enhance the fit and stability of to remove the fit system from your helmet, doing so will void all of the hel-met's warranties.

You can adjust the fit tension of the TSG Scope helmet additionally by moving the dial system forward or backwards. You must remove the helmet and move the lateral snap anchor on each side forward or back to adjust the fit as needed.



You can adjust the fit even more on dial-fit systems that offer height adjust-ment (not a feature of all systems) Height adjustment allows the heimer's fore/aft tilt to be optimized. Simply change the systems center arm position (at the back of the heimel) by pulling the pins out from the inside of the heimel and snapping them back up or down to the desired position. Experiment until you get a fit that is most comfortable.





MIPS®
If your helmet is equipped with MIPS® you profit from a unique technology developed to reduce brain injuries caused by rotational impacts to the head developed to reduce brain injuries caused by rotational impacts to the head met box or visit http://mipsprotection.com.

HELMETS WITH REMOVABLE VISOR

SNAP-FIT VISORS

Garefully pull the ends of the visor loose from the helmet and then lift away from the helmet. If your visor is fixed to the helmet with the help of single pins, use a non-sharp screwdriver (between pin and visor) to carefully remove the pins at the ends of the visor and tift the visor away from the helmet. To replace the visor, center it on the helmet, position the middle pins (if provided) into the holes and then snap the pins on the side of the visor into the holes in the helmet (Fig. 1) may be present the side of the visor into the holes may be present the side of the visor into the holes and then snap the pins on the side of the visor into the holes and then snap the pins on the side of the visor into the holes and then snap the pins on the side of the visor into the notice. The pins of the side of the visor into the notice of the visor into the visor into the notice of the visor into the visor into the visor into the visor into the visor.

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Instruction

HELMETS WITH LED LIGHT
To remove the LED light push that of the helmet from the inside with the help of a per (Fig. 1). The replace the LED light snap the pins on the LED light, remove the text of the light, remove the work of the light, remove the two screws at the base of the light, remove the cover and the circuit. At the back of the circuit push the battery out with non-sharp tool, insert a new battery with + sign up. Put the circuit and finally the cover back in and dose the screws.

lose the screws. included: Lithium Cell CR2032.





SUBSTANCES
TSG helmets are made of high-tech materials for optimal functionality. Our durable hard shell helmets are made of ABS, PC or PP plastic, depending of your helmet model. Our super light In-mod helmets use a thin In-mold PC shell. All helmets use a ore of impact absorbing EPS. None of the materials used in the construction of the product are known to contain anything that might cause an altergic reaction or be dangerous to health.

WARRANTY
TSG International AG warrants that this product is free of manufacturing defects in material and vortnmaship when it is delivered to our dealers. Unless otherwise stipulated by local law, this warranty is limited to the two years from the date of purchase and is limited to the original purchaser. This warranty does not apply in the event of abuse, negligence, carelessness or modification, or if the product is used in any way other than is intended. Nor is any attempted repair or replacement with any part or accessory other than original TSG parts and products covered by the terms of this warranty. This warranty takes precedence over any other agreements or warranties, general or special, expresses or implied and no representative or person is authorized to assume liability on behalf of TSG in connection with the sale

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or use of this product. TSG makes no other expressed warrantees, except as otherwise specifically stated. TSG waives all responsibility for any third party for consequences that might result from the use or handling of any TSG product by any legal or natural person.

HOW TO MAKE A WARRANTY CLAIM

If your TSG safely product is found to be defective in materials or workmanship TSG warrants your safely product for two years from the date of
purchase and we will, at our sole option, either repair or replace your safely
product free of charge. Just take your safely product for the dealer from
which it was purchased, with a letter indicating the specific reason for which
you are returning the product, and proof of purchase. The dealer will then
evaluate the claim.



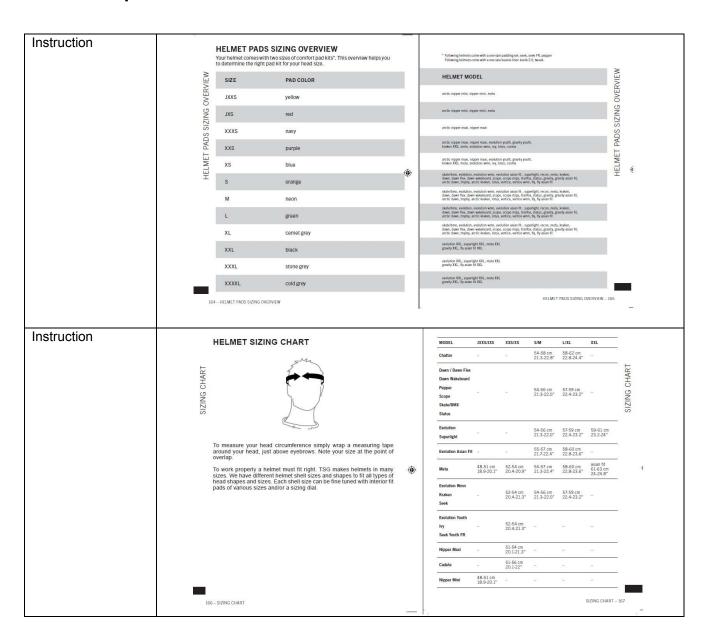
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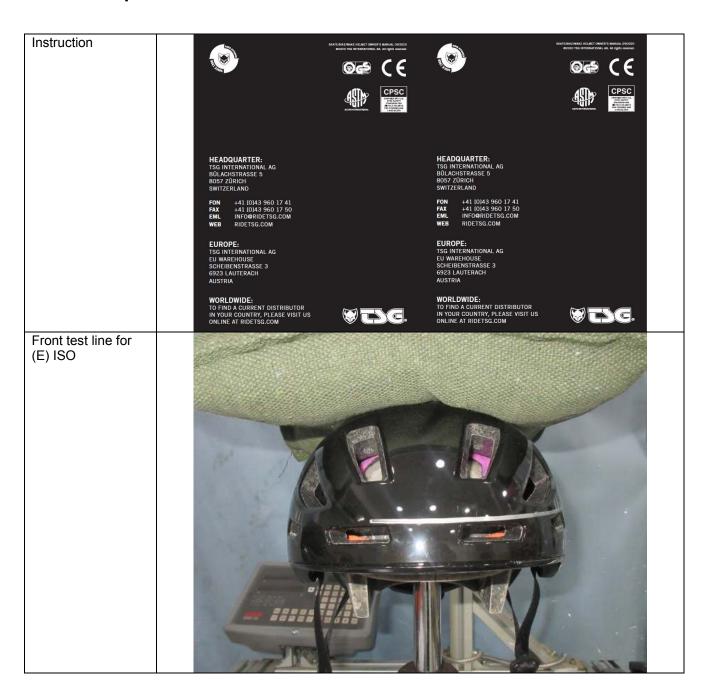
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Side test line for (E) ISO



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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Rear test line for (J) ISO



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