

Test Report No.: GZHL2109040772HM Date: Oct 19, 2021 Page 1 of 32

TSG INTERNATIONAL AG BÜLACHSTRASSE 5 I 8057 ZÜRICH I SWITZERLAND

Sample Description : HELMET

Item No. : 75039,750391,7503910 (MOLD TSG2-T-1)

75039,750391,7503910 (MOLD TSG2-C-1) 75039,750391,7503910 (MOLD TSG2-Y-1) 75039,750391,7503910 (MOLD TSG2-A-1) 75039,750391,7503910 (MOLD TSG2-A+)

Buyer : TSG INTERNATIONAL AG

Manufacturer : NINGBO TIANQI TECHNOLOGY CO., LTD

Country of Origin : MADE IN CHINA

Country of Destination : AUSTRIA

Other Info : 尺寸:48-51CM,50-53CM,54-57CM,58-60CM,61-63CM

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 : 48cm-51cm, 52cm -54cm, 54cm-57cm, 58cm-60cm, 61cm-63cm

HPI (from reference plane) : 48cm-51cm: 15mm For A-ISO

52cm-54cm: 15mm For E-ISO 54cm-57cm: 15mm For J-ISO 58cm-60cm: 15mm For M-ISO 61cm-63cm: 15mm For O-ISO

Tested Age grading : 5 and older Sample Receiving Date : Sep 24, 2021

Test Performing Date : Sep 24, 2021 to Oct 19, 2021
Test Performed : CPSC 16 CFR Part 1203

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



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

Number of Tested Sample: 40 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 |



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| Clause | Test Item / Test Requirement / Test Method | Test Result |
|---------|--|---------------------|
| | (b) Instructions | |
| | 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 |



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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 |
| | (2) The name of the U.S. manufacturer or importer responsible for issuing the certificate or the name of a private labeler; | Pass |
| (b) | (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 |
| | (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. | |



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| (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.

Impact attenuation instrument system check:

| Systems shook | Trial drap | Drop Height VEL. | | Milliseconds at | | |
|---|------------|------------------|-------|-------------------|------------------|-------|
| Systems check | Trial drop | (cm) | m/sec | Peak G | 150 g | 200 g |
| | 1 | 158.9 | 5.43 | 401.3 | 2.62 | 2.20 |
| Pre-test | 2 | 158.7 | 5.41 | 401.2 | 2.61 | 2.21 |
| | 3 | 158.8 | 5.42 | 401.1 | 2.61 | 2.22 |
| Pretest aver | rage | | | 401.2 | | |
| Post test | 1 | 158.7 | 5.43 | 401.1 | 2.61 | 2.23 |
| | 2 | 158.8 | 5.42 | 401.0 | 2.63 | 2.21 |
| | 3 | 158.9 | 5.41 | 401.2 | 2.62 | 2.22 |
| Post test ave | erage | | | 401.1 | | |
| Difference between pretest and post test averages | | | 0.1g | Difference n 5 | ot to excee % | |





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Model: MOLD TSG2-T-1 Size: 48-51 cm Headform: A ISO

HPI (from reference plane): 15 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: 21.0 °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: 21.0 °C

| Condition | Come off or not | | 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: 21.0 ℃

| Condition | Elongation (mm) | Result |
|---------------------------|-----------------|--------|
| Ambient condition No.1 | 22.5 | Pass |
| High temperature No.2 | 21.3 | Pass |
| Low temperature No. 3 | 22.4 | Pass |
| Water immersion No.4 | 23.1 | 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: 21.0 $^{\circ}$ C

| Condition | Sample Mass (g) | Impact Loc. | Anvil | Velm/sec | Peak'G | Result |
|---------------------------|--------------------|-------------|---------------|----------|--------|--------|
| | | Left Front | Flat | 6.29 | 176.1 | Pass |
| Ambient Condition | | Left Rear | Flat | 6.26 | 167.7 | Pass |
| No.1 | 247 | Right Front | Hemispherical | 4.82 | 130.4 | Pass |
| | | Right Rear | Hemispherical | 4.83 | 94.2 | Pass |
| | | Front | Flat | 6.20 | 202.0 | Pass |
| High Temperature | 245 | Rear | Flat | 6.21 | 184.1 | Pass |
| No.2 | 245 | Crown | Hemispherical | 4.79 | 107.4 | Pass |
| | | Left | Hemispherical | 4.81 | 107.8 | Pass |
| | 242 | Crown | Flat | 6.27 | 183.6 | Pass |
| Low Temperature | | Left | Flat | 6.16 | 180.8 | Pass |
| No.3 | | Front | Hemispherical | 4.81 | 147.4 | Pass |
| | | Rear | Hemispherical | 4.82 | 100.3 | Pass |
| | 247 | Front | Flat | 6.20 | 188.3 | Pass |
| Water Immersion | | Rear | Flat | 6.23 | 172.3 | Pass |
| No.4 | | Crown | Hemispherical | 4.80 | 128.5 | Pass |
| | | Left | Hemispherical | 4.83 | 118.2 | Pass |
| Ambient Condition No.5 | 243 | Front | Curbstone | 4.82 | 113.2 | Pass |
| High Temperature No.6 | 243 | Crown | Curbstone | 4.79 | 107.8 | Pass |
| Low Temperature No.7 | 247 | Left | Curbstone | 4.80 | 117.2 | Pass |
| Water Immersion No.8 | 247 | Rear | Curbstone | 4.81 | 113.0 | Pass |



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Model: MOLD TSG2-C-1 Size: 52-54 cm Headform: E ISO

HPI (from reference plane): 15 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: 21.0 °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: 21.0 °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: 21.0 ℃

| Condition | Elongation (mm) | Result |
|---------------------------|-----------------|--------|
| Ambient condition No.1 | 23.4 | Pass |
| High temperature No.2 | 22.6 | Pass |
| Low temperature No. 3 | 24.0 | Pass |
| Water immersion No.4 | 23.7 | 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: 21.0 ℃

| Condition | Sample Mass (g) | Impact Loc. | Anvil | Velm/sec | Peak'G | Result |
|---------------------------|--------------------|-------------|---------------|----------|--------|--------|
| | (9) | Left Front | Flat | 6.26 | 159.6 | Pass |
| Ambient Condition | 297 | Left Rear | Flat | 6.28 | 184.1 | Pass |
| No.1 | 291 | Right Front | Hemispherical | 4.84 | 110.7 | Pass |
| | | Right Rear | Hemispherical | 4.81 | 109.2 | Pass |
| | | Front | Flat | 6.24 | 170.9 | Pass |
| High Temperature | 200 | Rear | Flat | 6.20 | 183.2 | Pass |
| No.2 | 298 | Crown | Hemispherical | 4.83 | 97.0 | Pass |
| | | Left | Hemispherical | 4.82 | 103.6 | Pass |
| | | Crown | Flat | 6.29 | 215.7 | Pass |
| Low Temperature | 207 | Left | Flat | 6.20 | 180.3 | Pass |
| No.3 | 297 | Front | Hemispherical | 4.78 | 108.8 | Pass |
| | | Rear | Hemispherical | 4.83 | 108.3 | Pass |
| | | Front | Flat | 6.22 | 191.6 | Pass |
| Water Immersion | 207 | Rear | Flat | 6.23 | 174.2 | Pass |
| No.4 | 297 | Crown | Hemispherical | 4.81 | 100.8 | Pass |
| | | Left | Hemispherical | 4.81 | 107.4 | Pass |
| Ambient Condition No.5 | 301 | Front | Curbstone | 4.85 | 113.5 | Pass |
| High Temperature No.6 | 294 | Crown | Curbstone | 4.83 | 115.8 | Pass |
| Low Temperature No.7 | 298 | Left | Curbstone | 4.80 | 133.7 | Pass |
| Water Immersion No.8 | 297 | Rear | Curbstone | 4.79 | 123.4 | Pass |



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Model: MOLD TSG2-Y-1 Size: 54-57 cm Headform: J ISO

HPI (from reference plane): 15 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: 21.0 °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: 21.0 ℃

| 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: 21.0 ℃

| Condition | Elongation (mm) | Result |
|--------------------------|-----------------|--------|
| Ambient condition No.1 | 25.3 | Pass |
| High temperature No.2 | 24.8 | Pass |
| Low temperature No. 3 | 26.0 | Pass |
| Water immersion No.4 | 27.3 | 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: 21.0 $^{\circ}$ C

| Condition | Sample Mass (g) | Impact Loc. | Anvil | Velm/sec | Peak'G | Result |
|---------------------------|--------------------|-------------|---------------|----------|--------|--------|
| | (9) | Left Front | Flat | 6.28 | 189.3 | Pass |
| Ambient Condition | 310 | Left Rear | Flat | 6.22 | 174.2 | Pass |
| No.1 | 310 | Right Front | Hemispherical | 4.81 | 113.9 | Pass |
| | | Right Rear | Hemispherical | 4.80 | 102.2 | Pass |
| | | Front | Flat | 6.27 | 174.2 | Pass |
| High Temperature | 308 | Rear | Flat | 6.24 | 186.9 | Pass |
| No.2 | 306 | Crown | Hemispherical | 4.78 | 106.4 | Pass |
| | | Left | Hemispherical | 4.77 | 125.2 | Pass |
| | | Front | Flat | 6.29 | 184.6 | Pass |
| Low Temperature | 200 | Crown | Flat | 6.26 | 215.2 | Pass |
| No.3 | 309 | Left | Hemispherical | 4.80 | 128.5 | Pass |
| | | Right Rear | Hemispherical | 4.88 | 105.5 | Pass |
| | | Front | Flat | 6.26 | 201.5 | Pass |
| Water Immersion | 305 | Rear | Flat | 6.24 | 220.4 | Pass |
| No.4 | 305 | Right Rear | Hemispherical | 4.81 | 103.1 | Pass |
| | | Left Front | Hemispherical | 4.83 | 132.3 | Pass |
| Ambient Condition No.5 | 311 | Front | Curbstone | 4.83 | 130.4 | Pass |
| High Temperature No.6 | 307 | Left | Curbstone | 4.85 | 132.4 | Pass |
| Low Temperature No.7 | 309 | Rear | Curbstone | 4.87 | 122.4 | Pass |
| Water Immersion No.8 | 308 | Crown | Curbstone | 4.80 | 121.5 | Pass |



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Test Report No.: GZHL2109040772HM Date: Oct 19, 2021 Page 13 of 32

Model: MOLD TSG2-A-1 Size: 58-60 cm Headform: M ISO

HPI (from reference plane): 15 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: 21.0 °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: 21.0 °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: 21.0 ℃

| Condition | Elongation (mm) | Result |
|--------------------------|-----------------|--------|
| Ambient condition No.1 | 24.1 | Pass |
| High temperature No.2 | 25.0 | Pass |
| Low temperature No. 3 | 23.2 | Pass |
| Water immersion No.4 | 24.3 | 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: 21.0 °C

| Condition | Sample Mass (g) | Impact Loc. | Anvil | Velm/sec | Peak'G | Result |
|---------------------------|--------------------|-------------|---------------|----------|--------|--------|
| | (9) | Left Front | Flat | 6.27 | 186.5 | Pass |
| Ambient Condition | 302 | Left Rear | Flat | 6.23 | 173.3 | Pass |
| No.1 | 302 | Right Front | Hemispherical | 4.79 | 128.1 | Pass |
| | | Right Rear | Hemispherical | 4.82 | 98.4 | Pass |
| | | Front | Flat | 6.23 | 177.5 | Pass |
| High Temperature | 297 | Rear | Flat | 6.26 | 178.5 | Pass |
| No.2 | 297 | Crown | Hemispherical | 4.83 | 113.5 | Pass |
| | | Left | Hemispherical | 4.83 | 119.6 | Pass |
| | | Crown | Flat | 6.23 | 219.9 | Pass |
| Low Temperature | 298 | Left | Flat | 6.23 | 224.1 | Pass |
| No.3 | 298 | Front | Hemispherical | 4.81 | 115.8 | Pass |
| | | Rear | Hemispherical | 4.81 | 105.5 | Pass |
| | | Front | Flat | 6.22 | 218.5 | Pass |
| Water Immersion | 205 | Rear | Flat | 6.22 | 184.6 | Pass |
| No.4 | 295 | Crown | Hemispherical | 4.82 | 117.7 | Pass |
| | | Left | Hemispherical | 4.82 | 113.0 | Pass |
| Ambient Condition No.5 | 301 | Front | Curbstone | 4.79 | 116.8 | Pass |
| High Temperature No.6 | 298 | Crown | Curbstone | 4.78 | 113.9 | Pass |
| Low Temperature No.7 | 297 | Left | Curbstone | 4.79 | 130.0 | Pass |
| Water Immersion No.8 | 303 | Rear | Curbstone | 4.83 | 115.4 | Pass |



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Test Report No.: GZHL2109040772HM Date: Oct 19, 2021 Page 15 of 32

Model: MOLD TSG2-A+ Size: 61-63 cm Headform: O ISO

HPI (from reference plane): 15 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: 21.0 °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: 21.0 °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: 21.0 ℃

| Condition | Elongation (mm) | Result |
|---------------------------|-----------------|--------|
| Ambient condition No.1 | 24.1 | Pass |
| High temperature No.2 | 23.6 | Pass |
| Low temperature No. 3 | 25.7 | Pass |
| Water immersion No.4 | 24.0 | 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: 21.0 ℃

| Condition | Sample Mass (g) | Impact Loc. | Anvil | Velm/sec | Peak'G | Result |
|---------------------------|--------------------|-------------|---------------|----------|--------|--------|
| Ambient Condition No.1 | 358 | Left Front | Flat | 6.25 | 180.4 | Pass |
| | | Left Rear | Flat | 6.24 | 197.3 | Pass |
| | | Right Front | Hemispherical | 4.81 | 111.6 | Pass |
| | | Right Rear | Hemispherical | 4.85 | 106.4 | Pass |
| | 361 | Front | Flat | 6.21 | 192.1 | Pass |
| High Temperature No.2 | | Rear | Flat | 6.27 | 202.9 | Pass |
| | | Crown | Hemispherical | 4.80 | 126.2 | Pass |
| | | Left | Hemispherical | 4.82 | 125.2 | Pass |
| | 360 | Crown | Flat | 6.25 | 233.5 | Pass |
| Low Temperature No.3 | | Left | Flat | 6.26 | 237.8 | Pass |
| | | Front | Hemispherical | 4.80 | 126.2 | Pass |
| | | Rear | Hemispherical | 4.80 | 141.3 | Pass |
| Water Immersion No.4 | 360 | Front | Flat | 6.29 | 211.9 | Pass |
| | | Rear | Flat | 6.25 | 218.0 | Pass |
| | | Crown | Hemispherical | 4.82 | 125.2 | Pass |
| | | Left | Hemispherical | 4.82 | 107.4 | Pass |
| Ambient Condition No.5 | 361 | Front | Curbstone | 4.79 | 125.2 | Pass |
| High Temperature No.6 | 361 | Crown | Curbstone | 4.79 | 116.3 | Pass |
| Low Temperature No.7 | 362 | Left | Curbstone | 4.84 | 140.8 | Pass |
| Water Immersion No.8 | 360 | Rear | Curbstone | 4.80 | 122.0 | Pass |



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Sample Photo(s):





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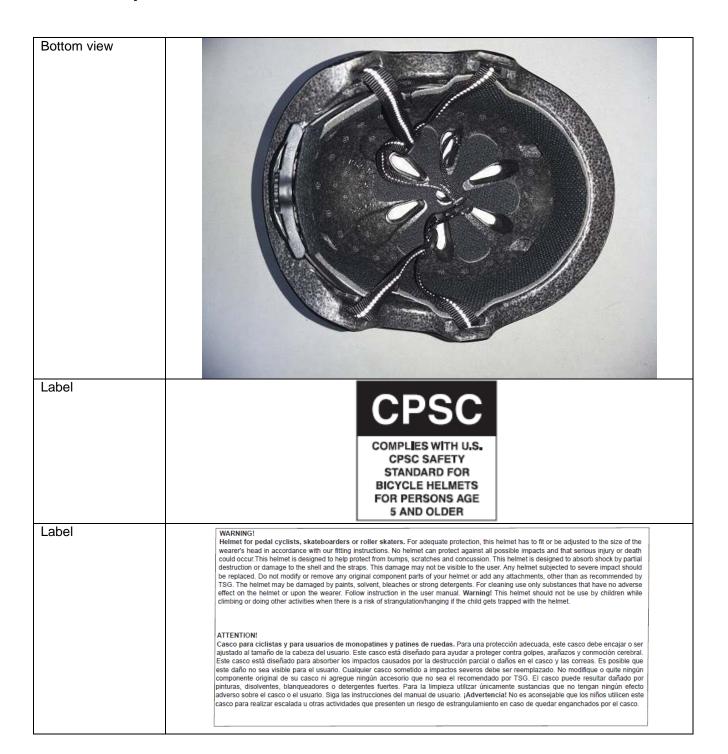
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Test Report No.: GZHL2109040772HM Date: Oct 19, 2021 Page 20 of 32

| Label | For use in non-motorized recreational sports such Pedal Cyclist, Skateboarding and Roller Skating. |
|-------|--|
| Label | Brand/Marca/Marque/Marke: TSG Model/Modelo/Model:75039 Meta Manufactured/Fabricado/Produit le/Hergestellt: 09/2021 Weight/Peso/Poids/Gewicht: 280g Size/Talla/Taille/Grösse: JXXS/JXS 48-51cm According/De conformidad con/Respectant/Ensprechend: CPSC Complies with U.S. CPSC Safety Standard for Bicycle Helmets for Persons Age 5 and Older Made in China by/Hecho en/Fabriqué en Chine par/Hergestellt in China Manufacturer/Fabricante/Fabricant/Hersteller:Kuji Sports Co.Ltd 10722S·LA Cienega BLVD Inglewood CA 90304 TEL:310-568-9486 • 9497 TSG International AG EU Warehouse, Scheibenstrasse 3, 6923 Lauterach, Austria |
| Label | Brand/Marca/Marque/Marke: TSG Model/Modelo/Modele/Model:75039 Meta Manufactured/Fabricado/Produit le/Hergestellt: 09/2021 Weight/Peso/Poids/Gewicht: 280g Size/Talla/Taille/Grösse: XXS/XS 52-54cm According/De conformidad con/Respectant/Ensprechend: CPSC Complies with U.S. CPSC Safety Standard for Bicycle Helmets for Persons Age 5 and Older Made in China by/Hecho en/Fabriqué en Chine par/Hergestellt in China Manufacturer/Fabricante/Fabricant/Hersteller:Kuji Sports Co.Ltd 10722S·LA Cienega BLVD Inglewood CA 90304 TEL:310-568-9486 • 9497 TSG International AG EU Warehouse, Scheibenstrasse 3, 6923 Lauterach, Austria |
| Label | Brand/Marca/Marque/Marke: TSG Model/Modelo/Modèle/Model: 75039 Meta Manufactured/Fabricado/Produit le/Hergestellt: 09/2021 Weight/Peso/Poids/Gewicht: 300g Size/Talla/Taille/Grösse: S/M 54-57cm According/De conformidad con/Respectant/Ensprechend: CPSC CONFORME AUX NORMES DE SÉCURITÉ AMÉRICAINES DE LA CPSC POUR LES CASQUES DE CYCLISTE POUR PERSONNES DE 5 ANS ET PLUS. Made in China by/Hecho en/Fabriqué en Chine par/Hergestellt in China Manufacturer/Fabricante/Fabricant/Hersteller:Kuji Sports Co.Ltd 10722S LA Cienega BLVD Inglewood CA 90304 TEL:310-568-9486 9497 TSG International AG EU Warehouse, Scheibenstrasse 3, 6923 Lauterach, Austria |





Test Report No.: GZHL2109040772HM Date: Oct 19, 2021 Page 21 of 32

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|-------|---|--|--|--|--|
| Label | Brand/Marca/Marque/Marke: TSG | | | | |
| | Model/Modelo/Modèle/Model: 75039 Meta | | | | |
| | Manufactured/Fabricado/Produit le/Hergestellt: 09/2021 | | | | |
| | Weight/Peso/Poids/Gewicht: 360g | | | | |
| | Size/Talla/Taille/Grösse: XXL 61-63cm | | | | |
| | According/De conformidad con/Respectant/Ensprechend: CPSC | | | | |
| | CONFORME AUX NORMES DE SÉCURITÉ AMÉRICAINES DE LA CPSC POUR LES CASQUES DE | | | | |
| | CYCLISTE POUR PERSONNES DE 5 ANS ET PLUS. | | | | |
| | Made in China by/Hecho en/Fabriqué en Chine par/Hergestellt in China | | | | |
| | Manufacturer/Fabricante/Fabricant/Hersteller:Kuji Sports Co.Ltd | | | | |
| | 10722S LA Cienega BLVD Inglewood CA 90304 TEL:310-568-9486 9497 TSG International AG EU Warehouse, Scheibenstrasse 3, 6923 Lauterach, Austria | | | | |
| | 13G International AG EO Waterlouse, Scheidenstrasse 3, 0923 Lauterach, Austria | | | | |
| Label | Brand/Marca/Marque/Marke: TSG | | | | |
| | Model/Modelo/Model:75039 Meta | | | | |
| | Manufactured/Fabricado/Produit le/Hergestellt: 09/2021 | | | | |
| | Weight/Peso/Poids/Gewicht:310g | | | | |
| | Size/Talla/Taille/Grösse: L/XL 58-60cm | | | | |
| | According/De conformidad con/Respectant/Ensprechend: CPSC | | | | |
| | Complies with U.S. CPSC Safety Standard for Bicycle Helmets for Persons Age 5 and Older | | | | |
| | Made in China by/Hecho en/Fabriqué en Chine par/Hergestellt in China | | | | |
| | Manufacturer/Fabricante/Fabricant/Hersteller:Kuji Sports Co.Ltd | | | | |
| | 10722S · LA Cienega BLVD Inglewood CA 90304 TEL:310-568-9486 · 9497 | | | | |
| | TSG International AG EU Warehouse, Scheibenstrasse 3, 6923 Lauterach, Austria | | | | |
| Label | LOT#974113496-9-18-21 | | | | |
| | MODEL#TSG2-T-1-IN REF#35083 | | | | |
| | | | | | |
| | LOT# 976113696-9-18-21 | | | | |
| | MODEL#TSG2-C-1-IN REF#35084 | | | | |
| | MODELITSGE CT IN KET IISSGG4 | | | | |
| | LOT# 978113896-9-18-21 | | | | |
| | | | | | |
| | MODEL#TSG2-Y-1-IN REF#35085 | | | | |
| | LOT# 980114096-9-18-21 | | | | |
| | 20111 20002 1000 2 | | | | |
| | MODEL#TSG2-A-1-IN REF#35086 | | | | |
| | LOT# 982114296-9-18-21 | | | | |
| | MODEL#TSG2-A+ REF#35087 | | | | |
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Instruction

OWNER'S MANUAL SKATE/BIKE/WAKE HELMET

Thank you. You have chosen a TSG safety product designed especially for action sport athletes and urban bikers. Please read the following information carefully. Correctly used and cared for, it will keep you better protected and satisfied.

ENGLISH

TESTING AND APPROVAL

TSG helmets have been tested against the manufacturer's specifications and EU Type-Examination certification has been issued by the test laboratory mentioned on page 2.

The helmets are CE marked to denote compliance with the Personal Protective Equipment Regulation (EU) 2016/425.

One or more of the following European and North American Standards have been used in the evaluation of this product:

- EN 1078. Helmets for pedal cyclists and for users of skateboards and roller skates
- EN 1385. Helmets for canoeing and white water sports
- GS (Geprüfte Sicherheit/Tested Safety)
- CPSC: Standard safety requirements of the Consumer Product Safety Commission. Complies with CPSC Safety Standard for Bicycle Helmets for Adults and Children Age 5 and older.

There must be a clearly visible marking on every approved helmet and this may not be removed.

Find the official EU declaration of conformity for each model on our website: https://www.ridetsg.com/service/declaration-of-conformity/

USE

Helmets conform to EN 1078:

Helmet for pedal cyclists and for users of skateboards and roller skates. For use in non-motorized recreational sports only.

Helmets conform to EN 1385:

Helmets for canoeing and white water sports, such as wakeboarding and kitesurfing. They are not intended for use in white waters of classes 5 and 6, as defined by the International Union of Canoeing.



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Instruction

WARNING

NGLISH

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. It is important that the helmet fits your head properly and that it is correctly buckled. While no helmet can prevent all head injuries, use of a helmet, taking lessons, riding responsibly and within your abilities, and common sense, can together significantly reduce the risk of catastrophic head injury and death. However, accidents, serious injuries or death can occur even if the helmet is properly used. TSG makes no claim that this helmet will eliminate all possibilities of injury. This helmet is designed to absorb shock by partial destruction of the energy absorbing liner. This damage may not be visible to the user. Therefore, if subjected to a severe impact or blow, the helmet should be destroyed and replaced even if it appears undamaged. A helmet can only provide a level of protection for areas that it covers. It does not protect your neck. Do not make any attachments to this helmet, other than those recommended by the manufacturer. Doing so voids all warranties and affect the helmet's performance. The helmet may be damaged by paints, solvent, bleaches or strong detergents, sometimes invisibly. For use in non-motorized recreational sports such as pedal cycling, skate-

For use in non-motorized recreational sports such as pedal cycling, skateboarding and roller skating only.

CLEANING

Wipe only with a soft damp cloth in gentle soap or mild detergent in cold water, rinse by wiping with a soft cloth damped in cold water and dry with a soft cloth. Comfort padding can be removed and hand washed and air dried. Common substances applied to this product (solvent, cleaners, hair tonics, paint, adhesives etc.) can cause damage that may be invisible to the user and compromise the effectiveness/safety of your TSG helmet.

STORAGE AND TRANSPORTATION

Do not expose your helmet to impact or external force during transport. Store it in a dry place away from any source of heat like a hot radiator or sunshine through a car window. If your helmet melts it is not covered by our warranty.

MAINTENANCE AND OBSOLESCENCE

For maximum performance, your TSG product must be inspected prior to each use. Stop using the helmet if any components show signs of damage or are worn, cracked, and/or deformed, or if the inside foam has deteriorated. Helmets have a limited life span in use and should be replaced every 3-5 years under normal use conditions, but at the latest after 8 years from date of manufacture (see product label). If you know or suspect that your helmet has been damaged or exposed to any abnormal force, destroy and replace it. Please dispose of it in an environmentally-friendly manner. Do not make any modifications to

6 – ENGLISH



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Instruction

the helmet, this includes the outer shell, the inner EPS liner or chin strap, any modifications will void all warranties and affect the helmet's performance.

FITTING INSTRUCTIONS

In order to fulfill its protective function, your helmet must be perfectly adjusted to your head. Measure your head at its widest point, compare it to the sizing chart available on a label inside the helmet, and try on several sizes until you find the correct fit that stays on comfortably, steadily and securely.

PLEASE CONSIDER THE FOLLOWING GUIDELINES FOR A PROPER FIT OF THE HELMET.

- 1. Put on the helmet in a manner so that it sits straight on your head and covers your forehead, without blocking your vision. It is important that the helmet can neither ride up your forehead nor be pushed down over your eyes. The helmet should fit comfortably; so that it holds onto your head as you move it front and back, as well as side-to-side.
- 2. The comfort pads inside the helmet should exert firm, even, but comfortable pressure against your head. The helmet fits well if the pads are in contact with all sides of your head around the helmets interior. A helmet that fits well also fits comfortably without being too tight.
- 3. When you are satisfied with the fit, tighten the chin strap so it fits snug and make sure the buckle locks securely and that the straps do not slip. If your straps aren't adjusted right, your helmet won't stay on properly. The loose ends of the strap must loop back up through the rubber "0" ring.
- 4. To adjust the position of the straps, hold one end of the chin buckle in one hand and slide the adjuster up or down the strap as necessary, to create a balanced and even "Y" shape underneath the ears. Position the buckle away from your jaw bone. It should not be possible to remove the helmet without opening the chin strap. If you can roll the helmet off in front or back, or roll it so it blocks your vision or exposes your forehead, it does not fit correctly and should be re-adjusted.







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



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





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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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Side test line for (M) ISO M-ISO HPI: 15mm Rear test line for (M) ISO



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Rear test line for (O) ISO



End of Report



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