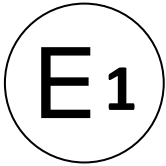




# Kraftfahrt-Bundesamt

DE-24932 Flensburg



## MITTEILUNG

ausgestellt von:

**Kraftfahrt-Bundesamt**

über die Erweiterung einer Genehmigung für einen Schutzhelmtyp ohne einem Visiertyp(en) nach der Regelung Nr. 22 einschließlich Änderung Nr. 06 Ergänzung 01

## COMMUNICATION

issued by:

**Kraftfahrt-Bundesamt**

concerning the extension of an approval of a type of protective helmet without a visor type(s) pursuant to Regulation No. 22 including amendment No. 06 supplement 01

Genehmigungsnummer: **E1\*22R06/01\*300530\*05**

Approval number:

1. Fabrik- oder Handelsmarke:  
Trade name or mark:  
**TORC, ORIGINE, TANKED RACING, VCAN, NITEK, ATOM, VIPER, MICHIRU, VESPA, PIAGGIO, MOTO GUZZI, LA CRUZ, NEXO, MAX, ZUNDAPP, AWEN, ROCC, SQ, SCORPION, RJAYS, CHOK, TRENDY, NAVA, GERMOT, RUEGER, LEVIOR, ROMER, AKIRA, KSK, FLAGTRIP, GASOLINE, BENELLI, BOGOTTO, HYPE, FASTR, BRITTEN, YOKO, MOTOZEM, STREET RACER, THOR, JUST1, Eldorado, J1, ROOK HELMETS, JOHNNY REB, CRAFT, protectWEAR, Hayder Motorcycles, ruegerhelmets, EOLE, 130R, AMOQ, CMS, RAVEN, W-TEC, HELMETS, BEFAST, PROGRIP, BIKE IT, VPR, 3GO, 3GO Helmets, RSX, ZORAX, DEXTER, PROV, KENNY, S-LINE, SWAP'S, aprilia, Z1R, SSY, Ajax**
2. Typ:  
Type:  
**V541**
3. Größen:  
Sizes:  
**XS(53/54), S(55/56), M(57/58), L(59/60), XL(61)**
4. Name des Herstellers:  
Manufacturer's name:  
**SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.  
CN-201401 Fengxian, Shanghai**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

---

2

Genehmigungsnummer: **E1\*22R06/01\*300530\*05**

Approval Number:

5.      Anschrift:  
          Address:  
          **Siehe Punkt 4.**  
          **See item 4.**
  
6.      Name des Vertreters des Herstellers (gegebenenfalls):  
          Name of manufacturer's representative (if any):  
          **Entfällt**  
          **Not applicable**
  
7.      Anschrift:  
          Address:  
          **Siehe Punkt 6.**  
          **See item 6.**
  
8.      Kurze Beschreibung des Helms:  
          Brief description of helmet:  
          **Siehe Anlagen**  
          **See enclosures**
  
9.      **Helm ohne Kinnbügel (J)**  
          **Helmet without lower face cover (J)**
  
10.     Visiertyp oder Visiertypen:  
          Type of visor or visors:  
          **Entfällt**  
          **Not applicable**
  
11.     Kurze Beschreibung des Visiers oder der Visiere:  
          Brief description of visor(s):  
          **Entfällt**  
          **Not applicable**
  
12.     Zur Genehmigung vorgelegt am:  
          Submitted for approval on:  
          **14.07.2022**
  
13.     Technischer Dienst, der die Prüfungen für die Genehmigungen durchführt:  
          Technical service responsible for conducting approval tests:  
          **SGS-TÜV Saar GmbH**  
          **DE-81379 München**
  
14.     Datum des Gutachtens des Technischen Dienstes:  
          Date of report issued by that service:  
          **12.07.2022**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

3

Genehmigungsnummer: **E1\*22R06/01\*300530\*05**

Approval Number:

15. Nummer des Gutachtens des Technischen Dienstes:  
Number of report issued by that service:  
**SHHOM151100342-01**

16. Bemerkung(en):  
Remark(s):  
**Handelsbezeichnung(en):**  
**General commercial description(s):**  
**McCoy**  
**V541**  
**H541**  
**T50**

**Version(en):**  
**Version(s):**  
**1: Helmet with a peak**  
**2: Helmet without a peak**

17. Die Genehmigung wird **erweitert**  
Approval is **extended**

18. Ort: **DE-24932 Flensburg**  
Place:

19. Datum: **18.07.2022**  
Date:

20. Unterschrift: **Im Auftrag**  
Signature:

  
Dirk Hansen





# Kraftfahrt-Bundesamt

DE-24932 Flensburg

---

4

Genehmigungsnummer: **E1\*22R06/01\*300530\*05**

Approval Number:

21. Folgende mit der oben erwähnten Genehmigungsnummer versehene Dokumente sind auf Anforderung erhältlich:  
The following documents, bearing the approval number shown above, are available on request:

Anlagen:

Enclosures:

**Gemäß Inhaltsverzeichnis**

**According to index**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

Zu: E1\*22R06/01\*300530\*05

To:

**Erklärung über die Einhaltung der Anforderungen hinsichtlich der Übereinstimmung der Produktion gemäß dem Übereinkommen von 1958**  
**Statement of compliance with the conformity of the production requirements of the 1958 Agreement**

1. Name des Herstellers:  
Manufacturer's name:  
**SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.**  
**CN-201401 Fengxian, Shanghai**
2. Datum der Anfangsbewertung:  
Date of the initial assessment:  
**30.09.2014**
3. Datum aller durchgeführten Überwachungstätigkeiten:  
Date of any surveillance activities:  

Aktenzeichen Register number	Datum der Begehung Date of inspection	Genehmigungsnummer Approval number
---------------------------------	--	---------------------------------------

CoP-Q:

**Entfällt**

**Not applicable**

CoP-P:

<b>P-432-1-0042-10</b>	<b>18.05.2010</b>	<b>05300212</b>
<b>P-432-1-0100-10</b>	<b>15.06.2010</b>	<b>05300204</b>
<b>P-432-1-0140-11</b>	<b>20.09.2011</b>	<b>05300225</b>
<b>P-501697</b>	<b>27.06.2017</b>	<b>05300526, Erweiterung 04</b>





# Kraftfahrt-Bundesamt

DE-24932 Flensburg

---

Nummer der Genehmigung: **E1\*22R06/01\*300530\*05**

- Anlage -

## Nebenbestimmungen und Rechtsbehelfsbelehrung

### Nebenbestimmungen

Jede Einrichtung, die dem genehmigten Typ entspricht, ist gemäß der angewendeten Vorschrift zu kennzeichnen.

Die Einzelerzeugnisse der reihenweisen Fertigung müssen mit den Genehmigungsunterlagen genau übereinstimmen. Änderungen an den Einzelerzeugnissen sind nur mit ausdrücklicher Zustimmung des Kraftfahrt-Bundesamtes gestattet.

Änderungen der Firmenbezeichnung, der Anschrift und der Fertigungsstätten sowie eines bei der Erteilung der Genehmigung benannten Zustellungsbevollmächtigten oder bevollmächtigten Vertreters sind dem Kraftfahrt-Bundesamt unverzüglich mitzuteilen.

Verstöße gegen diese Bestimmungen können zum Widerruf der Genehmigung führen und können überdies strafrechtlich verfolgt werden.

Die Genehmigung erlischt, wenn sie zurückgegeben oder entzogen wird, oder der genehmigte Typ den Rechtsvorschriften nicht mehr entspricht. Der Widerruf kann ausgesprochen werden, wenn die für die Erteilung und den Bestand der Genehmigung geforderten Voraussetzungen nicht mehr bestehen, wenn der Genehmigungsinhaber gegen die mit der Genehmigung verbundenen Pflichten - auch soweit sie sich aus den zu dieser Genehmigung zugeordneten besonderen Auflagen ergeben - verstößt oder wenn sich herausstellt, dass der genehmigte Typ den Erfordernissen der Verkehrssicherheit oder des Umweltschutzes nicht entspricht.

Das Kraftfahrt-Bundesamt kann jederzeit die ordnungsgemäße Ausübung der durch diese Genehmigung verliehenen Befugnisse, insbesondere die genehmigungsgerechte Fertigung sowie die Maßnahmen zur Übereinstimmung der Produktion, nachprüfen. Es kann zu diesem Zweck Proben entnehmen oder entnehmen lassen. Dem Kraftfahrt-Bundesamt und/oder seinen Beauftragten ist ungehinderter Zutritt zu Produktions- und Lagerstätten zu gewähren.

Die mit der Erteilung der Genehmigung verliehenen Befugnisse sind nicht übertragbar. Schutzrechte Dritter werden durch diese Genehmigung nicht berührt.

### Rechtsbehelfsbelehrung

Gegen diese Genehmigung kann innerhalb eines Monats nach Bekanntgabe Widerspruch erhoben werden. Der Widerspruch ist beim **Kraftfahrt-Bundesamt, Fördestraße 16, DE-24944 Flensburg**, schriftlich oder zur Niederschrift einzulegen.



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

---

2

Approval No.: **E1\*22R06/01\*300530\*05**

- Attachment -

## **Collateral clauses and instruction on right to appeal**

### **Collateral clauses**

All equipment which corresponds to the approved type is to be identified according to the applied regulation.

The individual production of serial fabrication must be in exact accordance with the approval documents. Changes in the individual production are only allowed with express consent of the Kraftfahrt-Bundesamt.

Changes in the name of the company, the address and the manufacturing plant as well as one of the parties given the authority to delivery or authorised representative named when the approval was granted is to be immediately disclosed to the Kraftfahrt-Bundesamt.

Breach of this regulation can lead to recall of the approval and moreover can be legally prosecuted.

The approval expires if it is returned or withdrawn or if the type approved no longer complies with the legal requirements. The revocation can be made if the demanded requirements for issuance and the continuance of the approval no longer exist, if the holder of the approval violates the duties involved in the approval, also to the extent that they result from the assigned conditions to this approval, or if it is determined that the approved type does not comply with the requirements of traffic safety or environmental protection.

The Kraftfahrt-Bundesamt may check the proper exercise of the conferred authority taken from this approval at any time. In particular this means the compliant production as well as the measures for conformity of production. For this purpose samples can be taken or have taken. The employees or the representatives of the Kraftfahrt-Bundesamt may get unhindered access to the production and storage facilities.

The conferred authority contained with issuance of this approval is not transferable. Trade mark rights of third parties are not affected with this approval.

### **Instruction on right to appeal**

This approval can be appealed within one month after notification. The appeal is to be filed in writing or as a transcript at the **Kraftfahrt-Bundesamt, Fördestraße 16, DE-24944 Flensburg.**

---

# Technical Report

V00

Test standard:  
**ECE Regulation No. 22**

Level of amendment:  
**Supplement 1 to the 06 series of amendments**

Title:  
**Protective helmets and their visors**

---

Manufacturer:  
**SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.**

Type:  
**V541**

---

Subject of testing:  
Component

**0 General**

- 0.1 Make  
(trade name of manufacturer):

TORC, ORIGINE, TANKED RACING, VCAN, NITEK, ATOM, VIPER, MICHIRU, VESPA, PIAGGIO, MOTO GUZZI, LA CRUZ, NEXO, MAX, ZUNDAPP, AWEN, ROCC, SQ, SCORPION, RJAYS, CHOK, TRENDY, NAVA, GERMOT, RUEGER, LEVIOR, ROMER, AKIRA, KSK, FLAGTRIP, GASOLINE, BENELLI, BOGOTTO, HYPE, FASTR, BRITTEN, YOKO, MOTOZEM, STREET RACER, THOR, JUST1, Eldorado, J1, ROOK HELMETS, JOHNNY REB, CRAFT, protectWEAR, Hayder Motorcycles, rueger-helmets, EOLE, 130R, AMOQ, CMS, RAVEN, W-TEC, HELMETS, BEFAST, PROGRIP, BIKE IT, VPR, 3GO, 3GO Helmets, RSX, ZORAX, DEXTER, PROV, KENNY, S-LINE, SWAP'S, aprilia, Z1R, SSY, Ajax
- 0.2 Type:

V541
- 0.2.1 Commercial description(s):

McCoy, V541, H541, T50
- 0.3 Means of identification of type, if marked on the vehicle / component / technical unit:

refer to information document
- 0.3.1 Location of that marking:

refer to information document
- 0.4 Category of vehicle:

n.a.
- 0.5 Manufacturer's name and address:

SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.  
 NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA
- 0.8 Name(s) and address(es) of assembly plant(s):

SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.  
 NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA

R22 E1\*22R06/01\*300530\*05

---

0.9	Name and address of representative:	n.a.
	Location of the ECE approval mark:	refer to information document

**1 Test record**

See appendix

**2 Attachments**

2.1 List of modifications:

2.2 Information folder: No.: R22-V541-01

Date of issue: 20.06.2022

**3 Statement of conformity:**

The information folder as mentioned under no. 2.2 and the type described therein are in compliance with the test standard mentioned above. With regard to the required level of performance to be achieved, the test specimen were representative for the type to be approved.

The tests were carried out in accordance to the relevant requirements of the

EN ISO/IEC 17025                       EN ISO/IEC 17020

**Test Laboratory  
 SGS-TÜV Saar GmbH**

notified by

Kraftfahrt-Bundesamt (KBA),  
 Federal Republic of Germany

National Standards  
 Authority of Ireland (NSAI)

Rijksdienst voor het  
 Wegverkeer (RDW),  
 The Netherlands

**No. KBA - P 00084 – 10**

**No. 101**

**No. 99050064 00**

Responsible expert

Conformity check by




Lell Wu

Perry Li

Guangzhou, 12.07.2022

This Technical Report shall be reproduced and published in full only and by the client only. It shall be reproduced partially with the written permission of the Test Laboratory only.

This document is issued by the Company subject to its General Conditions of Service ([www.sgsgroup.de/aqb](http://www.sgsgroup.de/aqb)).

Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. This document is an original. If the document is submitted digitally, it is to be treated as an original within the meaning of UCP 600. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

To assess the conformity, the laboratory refers to the "scope classification" of the Kraftfahrt-Bundesamt (KBA) – Federal Motor Transport Authority (in its valid version at the time of testing) and the specified consideration of the measurement uncertainty for the related test procedure.

In case the measurement uncertainty does not need to be considered according to the scope classification, the laboratory considers the result conform if its measured value is within the specification.

In case the measurement uncertainty does need to be considered according to the scope classification, the laboratory considers the result conform if its value incl. its measurement uncertainty is within the specification.

**Test record**

**1 Test object and measuring equipment**

**1.1 Test object**

- Protective helmet (without visor)
- Protective helmet (with visor)
- Visor (protective screen)
- Sun shield (additional tinted screen)

**1.1.1 Protective Helmet**

Type: V541  
 Sizes: XS(53/54), S(55/56), M(57/58), L(59/60), XL(61)  
 Helmet types:

- (J) Jet
- (P) Full face
- (NP) Jet
- (P/J) Modular helmet

**1.1.2 Visor**

n.a.

**1.1.3 Sun shield**

n.a.

**1.1.4 Remarks:**

n.a.

**1.2 Equipments for measuring and testing:**

**1.2.1 Test equipment:**

The equipment and the test facilities on which the tests were carried out fulfilled the requirements of the ECE Regulation 22.06

**1.2.2 Measurement procedure:**

according to ECE Regulation No. 22.06

<b>2</b>	<b>Test Results</b>	<p>Due to the reason of extension (see attachment 2.1 List of modifications), all tests related were repeated according to this regulation, test results refer to bellow items.</p>								
<b>2.1</b>	<b>Protective helmet</b>									
2.1.1	Marking (clause 4.1, 4.3, 4.4)	<p>All required information, in accordance with the ECE R22.06, is given by the labels</p> <table border="0"> <tr><td><input checked="" type="checkbox"/></td><td>fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>Not fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>n.a.</td></tr> </table>	<input checked="" type="checkbox"/>	fulfilled	<input type="checkbox"/>	Not fulfilled	<input type="checkbox"/>	n.a.		
<input checked="" type="checkbox"/>	fulfilled									
<input type="checkbox"/>	Not fulfilled									
<input type="checkbox"/>	n.a.									
2.1.2	Basic construction (clause 6.1)	<p>Shell + Protective padding + Retention system</p> <table border="0"> <tr><td><input checked="" type="checkbox"/></td><td>fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>Not fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>n.a.</td></tr> </table>	<input checked="" type="checkbox"/>	fulfilled	<input type="checkbox"/>	Not fulfilled	<input type="checkbox"/>	n.a.		
<input checked="" type="checkbox"/>	fulfilled									
<input type="checkbox"/>	Not fulfilled									
<input type="checkbox"/>	n.a.									
2.1.3	If fitted with non protective lower face cover (clause 6.2)	<table border="0"> <tr><td><input type="checkbox"/></td><td>Marked</td></tr> <tr><td><input type="checkbox"/></td><td>“Does not protect chin from impacts”</td></tr> <tr><td><input type="checkbox"/></td><td>Marked with symbol</td></tr> <tr><td><input checked="" type="checkbox"/></td><td>n.a.</td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> </div>	<input type="checkbox"/>	Marked	<input type="checkbox"/>	“Does not protect chin from impacts”	<input type="checkbox"/>	Marked with symbol	<input checked="" type="checkbox"/>	n.a.
<input type="checkbox"/>	Marked									
<input type="checkbox"/>	“Does not protect chin from impacts”									
<input type="checkbox"/>	Marked with symbol									
<input checked="" type="checkbox"/>	n.a.									
2.1.4	Component or device (Clause 6.3)	<p>Not cause injury and the helmet still complies with the regulation.</p> <table border="0"> <tr><td><input checked="" type="checkbox"/></td><td>fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>Not fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>n.a.</td></tr> </table>	<input checked="" type="checkbox"/>	fulfilled	<input type="checkbox"/>	Not fulfilled	<input type="checkbox"/>	n.a.		
<input checked="" type="checkbox"/>	fulfilled									
<input type="checkbox"/>	Not fulfilled									
<input type="checkbox"/>	n.a.									
2.1.5	Extent of the protection (clauses 6.4, 6.5)	<p>The shell and the protective padding cover all areas as required</p> <table border="0"> <tr><td><input checked="" type="checkbox"/></td><td>fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>Not fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>n.a.</td></tr> </table>	<input checked="" type="checkbox"/>	fulfilled	<input type="checkbox"/>	Not fulfilled	<input type="checkbox"/>	n.a.		
<input checked="" type="checkbox"/>	fulfilled									
<input type="checkbox"/>	Not fulfilled									
<input type="checkbox"/>	n.a.									

R22 E1\*22R06/01\*300530\*05

2.1.6	Projections / irregularities / sharp edges (clauses 6.6 to 6.8)	<p>All external projections other than press-fasteners are smooth and adequately faired, all external projections which are not more than 2 mm above the outer surface of the shell, have a radius of more than 1 mm, all external projections which are more than 2 mm above the outer surface of the shell have a radius of more than 2 mm.</p> <p>All projections or irregularities in the outer surface of the shell which are higher than 2 mm, fulfill the requirements after the shear assessment test. The outer surface of the helmet fulfills the requirements after the friction assessment test.</p> <p>There are no inward-facing sharp edges on the inside of the helmet; rigid, projecting internal parts are covered with padding so that any stresses transmitted to the head are not highly concentrated.</p> <p> <input checked="" type="checkbox"/> fulfilled  <input type="checkbox"/> Not fulfilled  <input type="checkbox"/> n.a.         </p>
2.1.8	The various components (Clause 6.9)	<p>Not liable to become easily detached as a result of an impact</p> <p> <input checked="" type="checkbox"/> fulfilled  <input type="checkbox"/> Not fulfilled  <input type="checkbox"/> n.a.         </p>
2.1.9	Control/actuating device for the detachable or movable lower face cover (clause 6.12)	<p>Maintains the intended position, impossible incorrect handling, in red color.</p> <p> <input type="checkbox"/> fulfilled  <input type="checkbox"/> Not fulfilled  <input checked="" type="checkbox"/> n.a.         </p>

R22 E1\*22R06/01\*300530\*05

2.1.10	Characteristics of the materials (Clause 6.13)	<input type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input checked="" type="checkbox"/> n.a.
2.1.11	No breakage or deformation after tests (Clause 6.14)	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.1.12	Peripheral vision (clause 6.15)	
	Horizontal ( $\geq 105^\circ$ ):	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
	Upwards ( $\geq 7^\circ$ ):	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
	Downwards ( $\geq 45^\circ$ ):	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.1.13	Conspicuity marking (clause 6.18)	<input type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input checked="" type="checkbox"/> n.a.

R22 E1\*22R06/01\*300530\*05

2.1.14 Std Linear Impact  
(clause 7.3)

x	fulfilled
	Not fulfilled
	n.a.

Size: 61 cm

Test Head Form: M (605 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2400
XL-1	Ambient-temperature and Hygrometry Conditioning	Kerbstone	B	7.55	172	1438
		Kerbstone	X	7.65	205	1741
		Flat	P	7.65	143	1141
		Flat	R	7.68	156	1337
XL-2	Ambient-temperature and Hygrometry Conditioning	Flat	B	7.65	184	1049
		Flat	X	7.68	164	1302
		Kerbstone	P	7.62	185	2033
		Kerbstone	R	7.68	196	1792
XL-3	Heat Conditioning	Kerbstone	B	7.68	202	1096
		Kerbstone	X	7.65	184	1397
		Kerbstone	P	7.65	151	1220
		Kerbstone	R	7.68	146	1321
XL-4	Low-temperature Conditioning	Flat	B	7.68	162	1105
		Flat	X	7.68	226	1567
		Flat	P	7.68	188	2039
		Flat	R	7.65	202	1854
XL-5	Ultraviolet-radiation Conditioning and Moisture Conditioning.	Flat	B	7.62	196	2286
		Flat	X	7.62	201	1859
		Kerbstone	P	7.68	168	1038
		Kerbstone	R	7.65	173	1296

Size: 57/58 cm

Test Head Form: J (575 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2400
M-1	Heat Conditioning	Kerbstone	B	7.62	208	1165
		Kerbstone	X	7.62	207	1432
		Kerbstone	P	7.62	143	1279
		Kerbstone	R	7.65	168	1133
M-2	Low-temperature Conditioning	Flat	B	7.59	164	1150
		Flat	X	7.62	190	1506
		Flat	P	7.65	183	1984
		Flat	R	7.65	197	2128

Size: 55/56 cm

Test Head Form: E (535 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G $\leq 275g$	HIC $\leq 2400$
S-1	Ambient-temperature and Hygrometry Conditioning	Kerbstone	B	7.62	215	1332
		Kerbstone	X	7.65	155	1236
		Flat	P	7.62	182	1873
		Flat	R	7.65	162	1476
S-2	Ambient-temperature and Hygrometry Conditioning	Flat	B	7.68	196	1547
		Flat	X	7.68	201	1699
		Kerbstone	P	7.68	161	1503
		Kerbstone	R	7.65	154	1356
S-3	Heat Conditioning	Kerbstone	B	7.62	176	1017
		Kerbstone	X	7.59	179	1159
		Kerbstone	P	7.62	158	1437
		Kerbstone	R	7.62	152	1313
S-4	Low-temperature Conditioning	Flat	B	7.59	192	1559
		Flat	X	7.59	187	1413
		Flat	P	7.62	190	2052
		Flat	R	7.55	173	1587
S-5	Ultraviolet-radiation Conditioning and Moisture Conditioning.	Kerbstone	B	7.62	184	1198
		Kerbstone	X	7.68	179	1273
		Flat	P	7.68	184	1992
		Flat	R	7.65	165	1535

R22 E1\*22R06/01\*300530\*05

2.1.15 Linear Extra Point Impact  
(clause 7.3)

- fulfilled
- Not fulfilled
- n.a.

Size: 61 cm

Test Head Form: M (605 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2400
XL-6	Ambient-temperature and Hygrometry Conditioning	Kerbstone	BXL	7.68	173	1063
		Kerbstone	RXPL	7.62	149	1270
		Kerbstone	RXR	7.62	184	1748
		Kerbstone	BXPR	7.68	154	1431
XL-7	Ambient-temperature and Hygrometry Conditioning	Flat	BXL	7.68	182	1298
		Flat	RXPL	7.68	206	2069
		Flat	RXR	7.65	217	2279
		Flat	BXPR	7.65	200	2221

Size: 55/56 cm

Test Head Form: E (535 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2400
S-6	Ambient-temperature and Hygrometry Conditioning	Kerbstone	BXL	7.59	185	1015
		Kerbstone	RXPL	7.59	156	1480
		Kerbstone	RXR	7.59	157	1373
		Kerbstone	BXPR	7.59	155	1285
S-7	Ambient-temperature and Hygrometry Conditioning	Flat	BXL	7.59	207	1383
		Flat	RXPL	7.55	195	1836
		Flat	RXR	7.59	182	1656
		Flat	BXPR	7.59	181	1604

2.1.16 Linear Hi/Low Energy Impact  
(clause 7.3)

- fulfilled
- Not fulfilled
- n.a.

Size: 61 cm

Test Head Form: M (605 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤180g	HIC ≤1300
XL-8	Ambient-temperature and Hygrometry Conditioning	Flat	B	6.14	121	590
		Flat	X	6.10	148	979
		Flat	P	6.08	149	1173
		Flat	R	6.14	167	1157

R22 E1\*22R06/01\*300530\*05

Size: 61 cm

Test Head Form: M (605 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2880
XL-9	Ambient-temperature and Hygrometry Conditioning	Flat	B	8.23	209	1543
		Flat	X	8.26	209	1955
		Flat	P	8.27	201	2420
		Flat	R	8.23	227	2480

Size: 55/56 cm

Test Head Form: E (535 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤180g	HIC ≤1300
S-8	Ambient-temperature and Hygrometry Conditioning	Flat	B	6.04	135	759
		Flat	X	6.08	145	828
		Flat	P	6.04	150	1099
		Flat	R	6.02	135	920

Size: 55/56 cm

Test Head Form: E (535 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2880
S-9	Ambient-temperature and Hygrometry Conditioning	Flat	B	8.22	209	1443
		Flat	X	8.22	219	1962
		Flat	P	8.22	198	2327
		Flat	R	8.22	181	1786

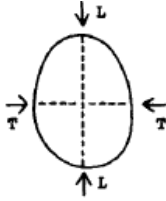
2.1.17 Test method for projections and surface friction  Procedure A (7.4.1)  Procedure B (7.4.2)

Helmet No.	Condition	Helmet Size (cm)	Projections	Friction
M-4	Ambient-temperature and Hygrometry Conditioning	57/58	Pass	Pass

2.1.18 Test for Projections of the Category P/J with Movable Lower Face Cover (clause 7.4.3)  fulfilled  Not fulfilled  n.a.

R22 E1\*22R06/01\*300530\*05

2.1.19 Rigidity test (clause 7.5)



- fulfilled
- Not fulfilled
- n.a.

Helmet No.	Condition	Helmet Size (cm)	Direction	Max. deformation (≤ 40 mm)	Residual deformation (≤ 15 mm)
XL-12	Ambient-temperature and Hygrometry Conditioning	61	Longitudinal axis	19.1	4.3
XL-13	Ambient-temperature and Hygrometry Conditioning	61	Transverse axis	16.3	2.8
S-12	Ambient-temperature and Hygrometry Conditioning	55/56	Longitudinal axis	18.2	3.9
S-13	Ambient-temperature and Hygrometry Conditioning	55/56	Transverse axis	16.4	2.4

R22 E1\*22R06/01\*300530\*05

2.1.20 Oblique Impact test  
(clause 7.13)

x	fulfilled
	Not fulfilled
	n.a.

Size: 61 cm

Test Head Form: M (605 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	PRA $\leq 10400$ rad/s <sup>2</sup>	BrIC $\leq 0.78$
XL-10	Ambient-temperature and Hygrometry Conditioning	45° Anvil	Front lateral right (45°)	8.10	3698	0.44
			Rear (180°)	8.13	4126	0.54
			Lateral left (270°)	8.15	3987	0.47
XL-11			Front (0°)	8.12	4231	0.39
			Rear lateral right (135°)	8.12	3984	0.54

Size: 55/56 cm

Test Head Form: E (535 mm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	PRA $\leq 10400$ rad/s <sup>2</sup>	BrIC $\leq 0.78$
S-10	Ambient-temperature and Hygrometry Conditioning	45° Anvil	Front lateral right (45°)	8.11	3987	0.49
			Rear (180°)	8.13	4563	0.38
			Lateral left (270°)	8.10	5103	0.41
S-11			Front (0°)	8.09	4938	0.36
			Rear lateral right (135°)	8.11	3875	0.47

**2.2 Retention system**

2.2.1	The retention system is protected from abrasion (clause 6.10)	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.2.2	Chin strap (clause 6.11.1, 6.11.2)	<p>The width of the chin strap is more than 20 mm under load of 150 N and it doesn't include a chin-cup.</p> <input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.2.3	Adjustment device (clause 6.11.3)	<p>The retention system includes a device to adjust and maintain tension.</p> <input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.2.4	Fastening devices (clauses 6.11.4 to 6.11.9)	<p>The requirements for fastening devices and release mechanisms are in accordance to the requirements of the test standard.</p> <input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.2.5	Pulling flap (clauses 6.11.6)	<p>In red and its dimensions more than 10 x 20mm</p> <input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.

2.2.6 Dynamic Test of the Retention System (clause 7.6)  fulfilled  
 Not fulfilled  
 n.a.

Helmet No.	Condition	Helmet Size (cm)	Dynamic displacement (≤ 35 mm)	Residual displacement (≤ 25 mm)
M-3	Ambient-temperature and Hygrometry Conditioning	57/58	25.2	10.7
XS-1	Ambient-temperature and Hygrometry Conditioning	53/54	28.4	12.6

2.2.7 Retention (detaching) test (clause 7.7)  fulfilled  
 Not fulfilled  
 n.a.

Helmet No.	Condition	Helmet Size (cm)	Movement of the reference line (≤ 30°)	
			Backward	Frontward
M-3	Ambient-temperature and Hygrometry Conditioning	57/58	5°	26°
XS-1	Ambient-temperature and Hygrometry Conditioning	53/54	6°	28°

2.2.8 Micro-slip test of the chin strap (clause 7.10)  fulfilled  
 Not fulfilled  
 n.a.

Slippage of chin strap: (≤ 10mm): <5 mm

2.2.9 Chin strap, resistance to abrasion test (clause 7.11)  fulfilled  
 Not fulfilled  
 n.a.

R22 E1\*22R06/01\*300530\*05

2.2.9.1	Chin strap, withstand a tension of 3 kN (clause 7.11.5)	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.2.10	Retention systems relying on quick-release mechanisms (clause 7.12)	
2.2.10.1	Inadvertent release by pressure (clause 7.12.1)	<input type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input checked="" type="checkbox"/> n.a.
2.2.10.2	Ease of release (clause 7.12.2)	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
2.2.10.3	Durability of quick-release mechanisms (clause 7.12.3)	<input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a.
<b>2.3</b>	<b>Visor</b>	<input checked="" type="checkbox"/> n.a. (no) <input type="checkbox"/> n.a. (separately approved)
<b>2.4</b>	<b>Sun shield</b>	<input checked="" type="checkbox"/> n.a. (no) <input type="checkbox"/> n.a. (separately approved)

R22 E1\*22R06/01\*300530\*05

**2.5 Information for wearers**  
(clauses 14.1 to 14.6)

2.5.1 Every protective helmet placed on the market shall bear a clearly visible label with the following inscription in the national language, or at least one of the national languages, of the country of destination:

<input checked="" type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input type="checkbox"/>	n.a.

*"For adequate protection, this helmet must fit closely and be securely attached. Any helmet that has sustained a violent impact should be replaced"*

and, if fitted with a non protective lower face cover:

<input type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input checked="" type="checkbox"/>	n.a.

*"Does not protect chin from impacts"*

together with the symbol indicating the unsuitability of the lower face cover to offer any protection against impacts to the chin

2.5.2 and, if hydrocarbons, cleaning fluids, paints, transfers or other extraneous additions affect the shell material adversely

<input checked="" type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input type="checkbox"/>	n.a.

*"Warning" - Do not apply paint, stickers, petrol or other solvents to this helmet"*

2.5.3 Every protective helmet shall be clearly marked with its size and its maximum weight, to the nearest 50 grammes, as placed on the market. The maximum weight quoted should include all the accessories that are supplied with the helmets, within the packaging, as it is placed on the market, whether or not those accessories have actually been fitted to the helmet.

<input checked="" type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input type="checkbox"/>	n.a.

2.5.4 Every protective helmet offered for sale shall bear a label showing the type or types of visor that have been approved at the manufacturer's request.

<input type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input checked="" type="checkbox"/>	n.a.

2.5.5 Every visor offered for sale shall bear a label showing the types of protective helmet for which it has been approved

<input type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input checked="" type="checkbox"/>	n.a.

2.5.6 Every visor placed on the market with a protective helmet shall be accompanied by information in the national language, or in at least one of the national languages, of the country of destination. This information shall contain:

2.5.6.1 General Instruction for Storage and Care

<input type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input checked="" type="checkbox"/>	n.a.

2.5.6.2 Specific instructions for cleaning and their notice of use. These instructions shall include a warning regarding the dangers of using unsuitable agents for cleaning (such as solvents), especially if abrasion resistant coatings are to be preserved.

<input type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input checked="" type="checkbox"/>	n.a.

2.5.6.3 Advice as to the suitability of the visor for use in conditions of poor visibility and during the hours of darkness. The following warning shall be included: Visors with the marking indicating "daytime use only" are not suitable for use during the hours of darkness or in conditions of poor visibility.

<input type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input checked="" type="checkbox"/>	n.a.

R22 E1\*22R06/01\*300530\*05

2.5.6.4 If appropriate, the following warning shall also be included  
 The fastening of this visor is such that it will not be possible to remove it instantly from the line of sight with one hand should an emergency (such as headlamp glare or misting) occur.

	fulfilled
	Not fulfilled
x	n.a.

2.5.6.5 If the visor is MIST RETARDANT approved it may be indicated

	fulfilled
	Not fulfilled
x	n.a.

2.5.6.6 Instructions regarding the detention of obsolescence

	fulfilled
	Not fulfilled
x	n.a.

**3 Other information**

Place of testing: SGS CSTC Guangzhou, P.R. China

Date of testing: From 27.06.2022 to 11.07.2022

**4 Remarks:** ---

**List of modifications**

- |   |                  |  |
|---|------------------|--|
| 1 | Correction of:   | n.a.   |
| 2 | Modification of: | <ol style="list-style-type: none"> <li>1. Modify regulation from “Supplement 3 to the 05 series of amendments” to “Supplement 1 to the 06 series of amendments”.</li> <li>2. Size(s) (cm) modify from “XL(61/62)” to “XL(61)”.</li> <li>3. Modify protective paddings’ parameters and comfort padding’s design.</li> <li>4. Modify drawings’ layout at Annex of the information document.</li> </ol>   |
| 3 | Addition of:     | <ol style="list-style-type: none"> <li>1. Make (trade name of manufacturer) add “JUST1, Eldorado, J1, ROOK HELMETS, JOHNNY REB, CRAFT, protectWEAR, Hayder Motorcycles, rueger-helmets, EOLE, 130R, AMOQ, CMS, RAVEN, W-TEC, HELMETS, BEFAST, PROGRIP, BIKE IT, VPR, 3GO, 3GO Helmets, RSX, ZORAX, DEXTER, PROV, KENNY, S-LINE, SWAP’S, aprilia, Z1R, SSY, Ajax”.</li> <li>2. Commercial description(s) add “V541, H541, T50”.</li> <li>3. Add the peak’s drawing at Annex 2 of the Information Document.</li> </ol> |
| 4 | Deletion of:     | <ol style="list-style-type: none"> <li>1. Make (trade name of manufacturer) delete “RVC, STORM, SLINE”.</li> <li>2. Size(s) (cm) delete “XXL(63)”.</li> </ol>  |

R22 E1\*22R06/01\*300530\*05

# INFORMATION DOCUMENT

No.: R22-V541-01



SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.

**TYPE: V541**

Protective helmet  
pursuant to

**Regulation No. 22**

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF  
PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS AND  
PASSENGERS OF MOTORCYCLES AND MOPEDS

Signature of a responsible person:

A handwritten signature in black ink, appearing to be "J. Hehui", written over a light blue horizontal line.

Date: 20.06.2022

**Reason of extension:**

**Correction:** n.a.

**Modification:** 1. Modify regulation from "Supplement 3 to the 05 series of amendments" to "Supplement 1 to the 06 series of amendments".  
2. Size(s) (cm) modify from "XL(61/62)" to "XL(61)".  
3. Modify protective paddings' parameters and comfort padding's design.  
4. Modify drawings' layout at Annex of the information document.

**Addition:** 1. Make (trade name of manufacturer) add "JUST1, Eldorado, J1, ROOK HELMETS, JOHNNY REB, CRAFT, protectWEAR, Hayder Motorcycles, rueger-helmets, EOLE, 130R, AMOQ, CMS, RAVEN, W-TEC, HELMETS, BEFAST, PROGRIP, BIKE IT, VPR, 3GO, 3GO Helmets, RSX, ZORAX, DEXTER, PROV, KENNY, S-LINE, SWAP'S, aprilia, Z1R, SSY, Ajax".  
2. Commercial description(s) add "V541, H541, T50".  
3. Add the peak's drawing at Annex 2 of the Information Document.

**Deletion:** 1. Make (trade name of manufacturer) delete "RVC, STORM, SLINE".  
2. Size(s) (cm) delete "XXL(63)".

Total Page: 17



Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 2 of 17

**0 GENERAL INFORMATION**

- 0.1 Make (trade name of manufacturer) : TORC, ORIGINE, TANKED RACING, VCAN, NITEK, ATOM, VIPER, MICHIRU, VESPA, PIAGGIO, MOTO GUZZI, LA CRUZ, NEXO, MAX, ZUNDAPP, AWEN, ROCC, SQ, SCORPION, RJAYS, CHOK, TRENDY, NAVA, GERMOT, RUEGER, LEVIOR, ROMER, AKIRA, KSK, FLAGTRIP, GASOLINE, BENELLI, BOGOTTO, HYPE, FASTR, BRITTEN, YOKO, MOTOZEM, STREET RACER, THOR, JUST1, Eldorado, J1, ROOK HELMETS, JOHNNY REB, CRAFT, protectWEAR, Hayder Motorcycles, rueger-helmets, EOLE, 130R, AMOQ, CMS, RAVEN, W-TEC, HELMETS, BEFAST, PROGRIP, BIKE IT, VPR, 3GO, 3GO Helmets, RSX, ZORAX, DEXTER, PROV, KENNY, S-LINE, SWAP'S, aprilia, Z1R, SSY, Ajax
- 0.2 Type : V541
- 0.2.1 Commercial description(s) : McCoy, V541, H541, T50
- 0.3 Variants / Versions : Version 1: Helmet with a peak  
Version 2: Helmet without a peak
- 0.4 Name and address of manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS  
MANUFACTURE CO., LTD.  
NO.8 FENGJIN ROAD XIDU INDUSTRIAL  
DEVELOPMENT ZONE FENGXIAN DISTRICT  
SHANGHAI CHINA
- 0.5 Name and address of assembly plant : SHANGHAI HEHUI SAFETY PRODUCTS  
MANUFACTURE CO., LTD.  
NO.8 FENGJIN ROAD XIDU INDUSTRIAL  
DEVELOPMENT ZONE FENGXIAN DISTRICT  
SHANGHAI CHINA
- 0.6 Name and address of manufacturer's authorized representative (if any) : n.a.
- 0.7 Location and method of affixing of the international approval mark : Marked in a label sewn on the retention system, see Annex 5

**1 TECHNICAL DESCRIPTION**

- 1.1 Description of the helmet
  - 1.1.1 Type of helmet : Half face
  - 1.1.2 Type of lower face cover : "J" protective
  - 1.1.3 Size(s) (cm) : XS(53/54), S(55/56), M(57/58), L(59/60), XL(61)
  - 1.1.4 Drawing of the helmet : see Annex 1
- 1.2 Description of the visor : n.a.
- 1.3 Description of the shell
  - 1.3.1 Material : ABS
  - 1.3.2 Manufacture method : By Injection
  - 1.3.3 Ventilation : see Annex 1
  - 1.3.4 Composition of the border join on the shell : PVC
  - 1.3.5 Drawing of the shell : see Annex 2

R22 E1\*22R06/01\*300530\*05



Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 3 of 17

1.4 Description of protective padding

1.4.1 Composition : Expanded polystyrene  
 1.4.2 Density and weight :

Size (cm)	Shell size	Comfort padding thickness +Top Zone (mm)	EPS Density + Top zone (Kg/m <sup>3</sup> )	EPS Padding Thickness (mm)	Main EPS Weight (grams)
XL(61)	<u>L</u>	<u>8+12</u>	<u>40+24</u>	<u>29.1-43.3</u>	<u>74+50</u>
L(59/60)	<u>L</u>	<u>10+12</u>	<u>40+24</u>	<u>29.1-43.3</u>	<u>74+50</u>
M(57/58)	<u>L</u>	<u>12+12</u>	<u>40+24</u>	<u>29.1-43.3</u>	<u>74+50</u>
S(55/56)	<u>S</u>	<u>12+12</u>	<u>28+21</u>	<u>28.6-43.4</u>	<u>50+40</u>
XS(53/54)	<u>S</u>	<u>14+12</u>	<u>28+21</u>	<u>28.6-43.4</u>	<u>50+40</u>

1.4.3 Drawing of the protective padding : see Annex 3

1.5 Description of comfort padding

1.5.1 Composition of  
 Comfort padding : Compound sponge  
 Comfort tissue : Compound cloth  
 Protection of the back of the nape : Compound sponge  
 Lateral packing : Compound sponge  
 Lower face cover : n.a.

1.5.2 Drawing of the comfort padding : see Annex 4

1.6 Description of the retention system

1.6.1 Chin strap  
 Material : Nylon Belt  
 Width : 22 mm  
 1.6.2 Retention system : Quick release buckle

1.6.3 Comfort padding of the retention system  
 Composition : Leather and fabric  
 Thickness : 2 mm

1.6.4 Anchorage system to the shell : By a metallic piece fitted to the internal part of the shell by a rivet

1.6.5 Drawing of the retention system : see Annex 5

1.7 Other Characteristics

1.7.1 Markings  
 Make : Outer shell, different location depending on makers  
 Weight : Rear part of the shell  
 Size : Rear part of the shell

1.7.2 Indelible marking  
 How it is made : By sewing  
 Position : On the chin strap

1.8 Accessories

1.8.1 Peak : Available

1.8.2 Information for wearer

1.8.2.1 Text : see Annex 6

1.8.2.2 Position : Hang-tag on strap

R22 E1\*22R06/01\*300530\*05



Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 4 of 17

**ANNEXS**

Annex 1	<u>Drawing of the helmet</u>	<u>20.06.2022</u>
Annex 2	Drawing of the shell	
	<u>V541 Small Shell</u>	<u>20.06.2022</u>
	<u>V541 Large Shell</u>	<u>20.06.2022</u>
	<u>V541 Peak (Suit for Version 1 Helmet)</u>	<u>20.06.2022</u>
Annex 3	Drawing of the protective padding	
	<u>V541 Small Main Protective Padding (Suit for sizes XS-S)</u>	<u>20.06.2022</u>
	<u>V541 Large Main Protective Padding (Suit for sizes XS-S)</u>	<u>20.06.2022</u>
	<u>V541 Small Top Protective Padding (Suit for sizes XS-S)</u>	<u>20.06.2022</u>
	<u>V541 Large Top Protective Padding (Suit for sizes XS-S)</u>	<u>20.06.2022</u>
Annex 4	Drawing of the comfort padding	
	<u>V541 Comfort Padding (Suit for Both Version Helmets)</u>	<u>20.06.2022</u>
	<u>V541 Ear Comfort Padding (Suit for Both Version Helmets)</u>	<u>20.06.2022</u>
Annex 5	Drawing of the retention system	
	<u>V541 Chin Strap (Right) (Suit for Both Version Helmets)</u>	<u>20.06.2022</u>
	<u>V541 Chin Strap (Left) (Suit for Both Version Helmets)</u>	<u>20.06.2022</u>
Annex 6	Information for wearer	25.08.2015

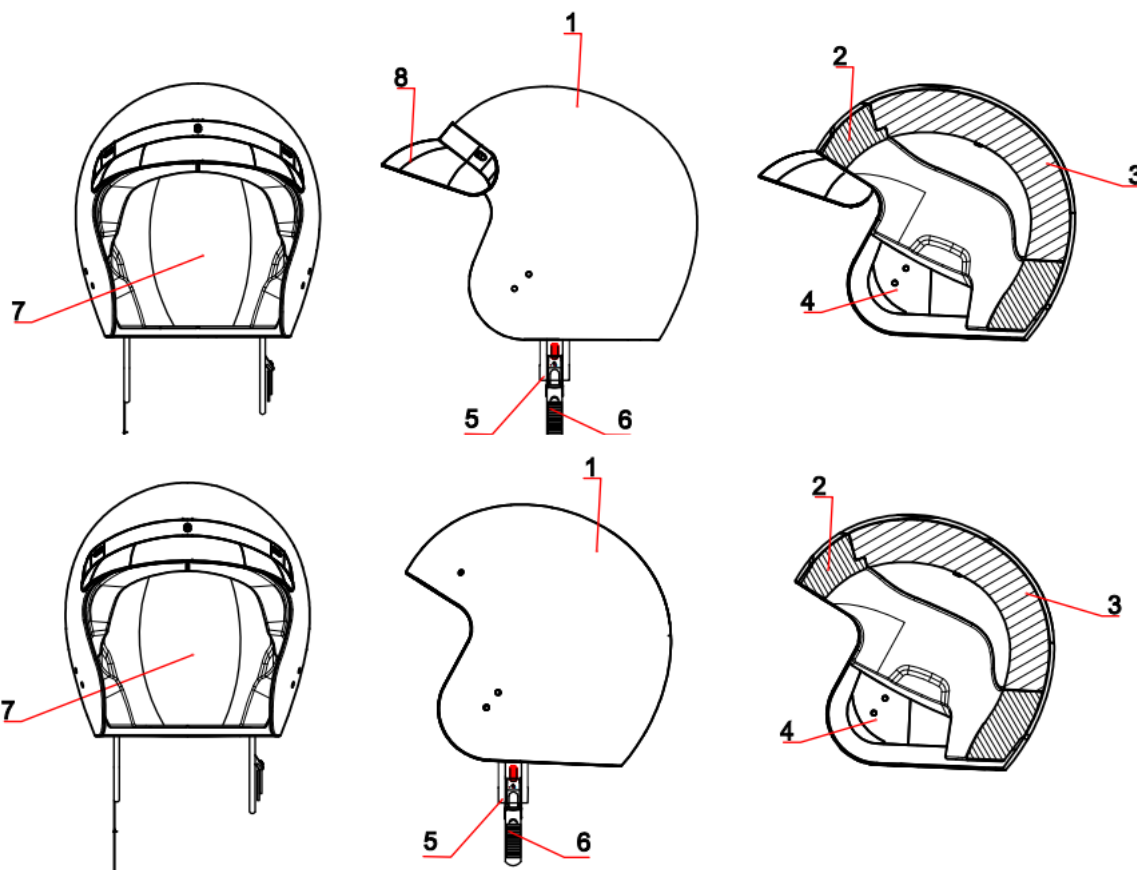


Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 5 of 17

Annex 1: Drawing of the helmet



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
1	Shell	ABS	5	China strap (Left)	Nylon
2	Protective Padding	EPS	6	China strap (Right)	Nylon
3	Top Protective Padding	EPS	7	Comfort Padding	Compound sponge + Cloth
4	Ear Comfort Padding	Compound sponge + Cloth + PP	8	Peak	PC
<b>Description</b>	V541 Helmet		<b>Code No.:</b>	V541	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022

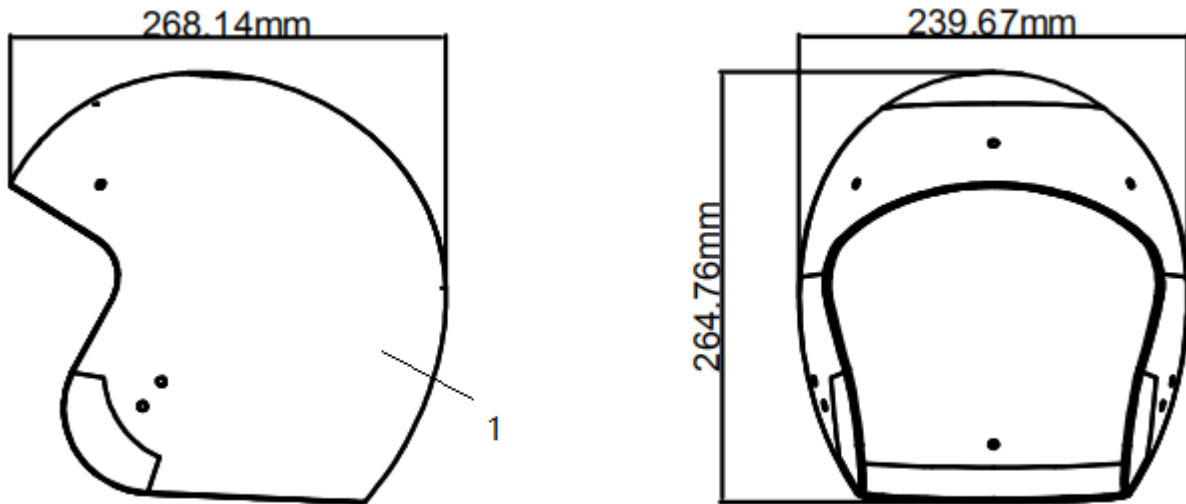


Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 6 of 17

Annex 2: Drawing of the shell



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
1	Shell	ABS			
<b>Description</b>	V541 Small Shell		<b>Code No.:</b>	V541.1-S	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022

INFORMATION DOCUMENT

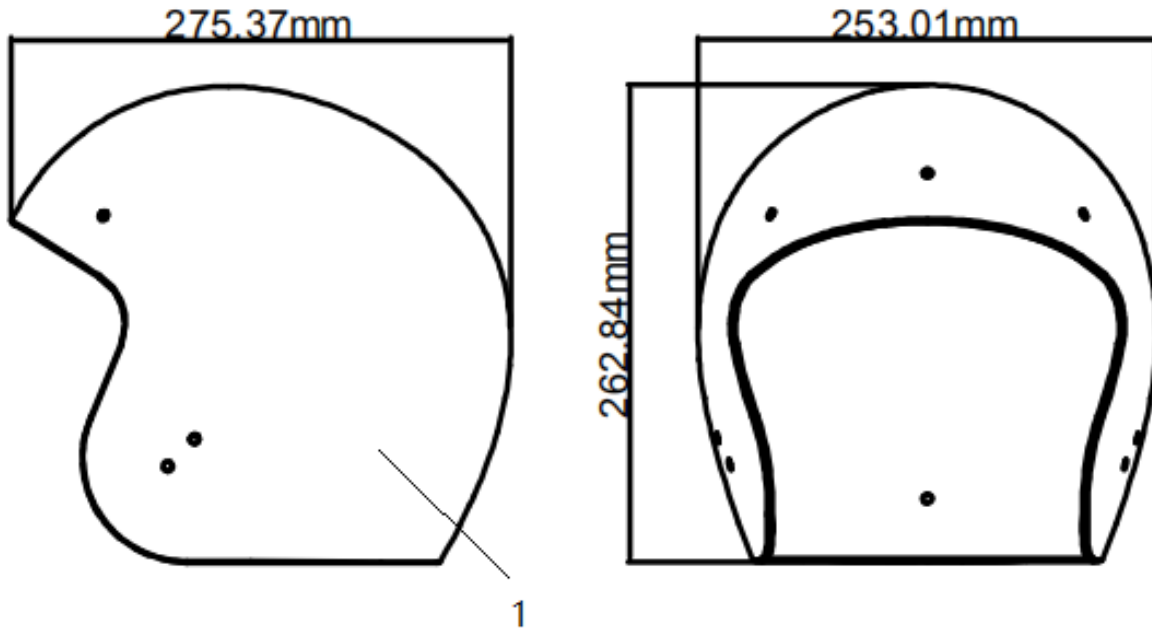
R22-V541-01



Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 7 of 17



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
1	Shell	ABS			
<b>Description</b>	V541 Large Shell		<b>Code No.:</b>	V541.1-L	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022

INFORMATION DOCUMENT

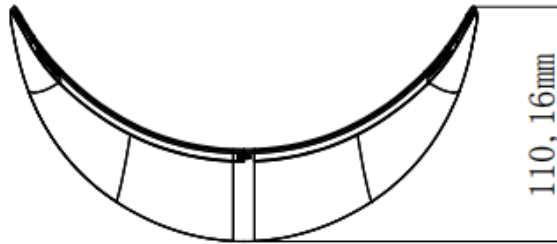
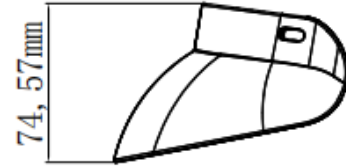
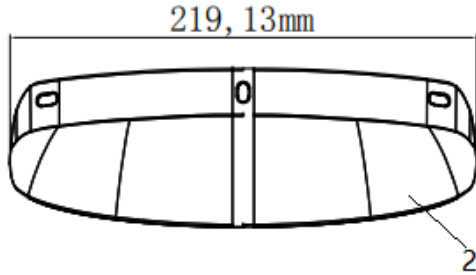
R22-V541-01



Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 8 of 17



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
2	Peak	PC			
<b>Description</b>	V541 Peak (Suit for Version 1 Helmet)		<b>Code No.:</b>	V541.8	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022

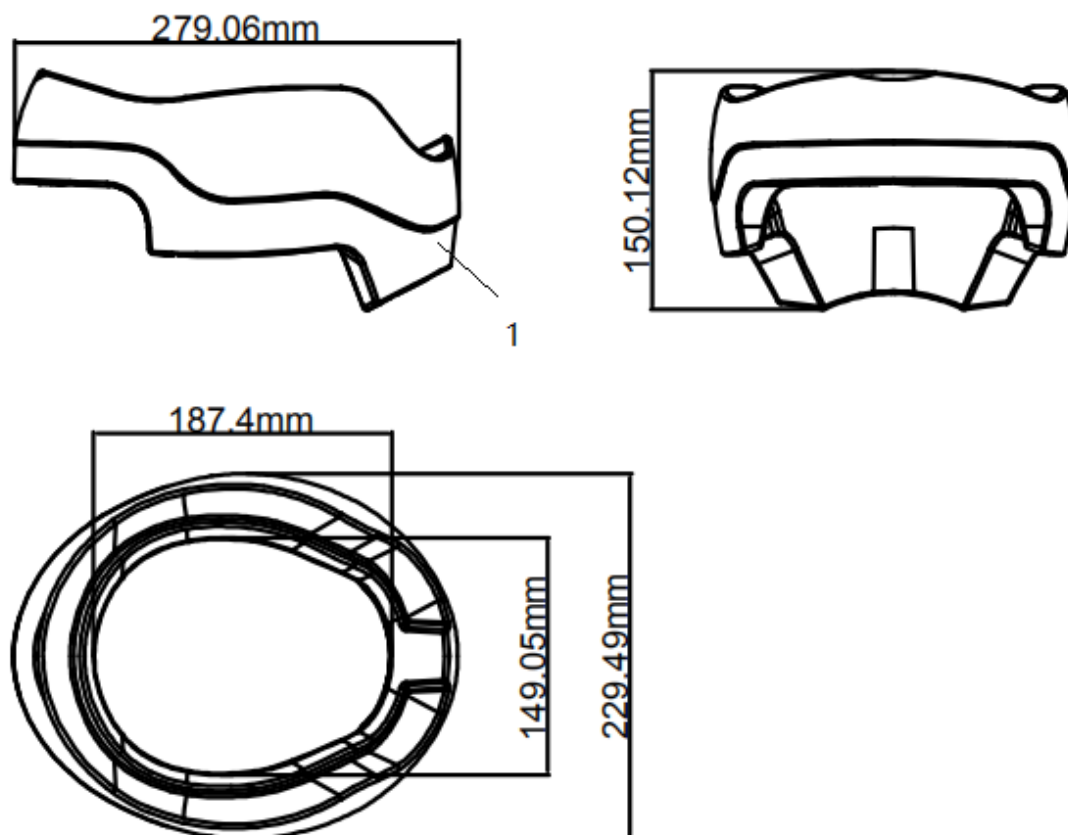


Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 9 of 17

Annex 3: Drawing of the protective padding



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
1	Main Protective Padding	EPS			
<b>Description</b>	V541 Small Main Protective Padding (Suit for sizes XS-S)		<b>Code No.:</b>	V541.2-S	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022

INFORMATION DOCUMENT

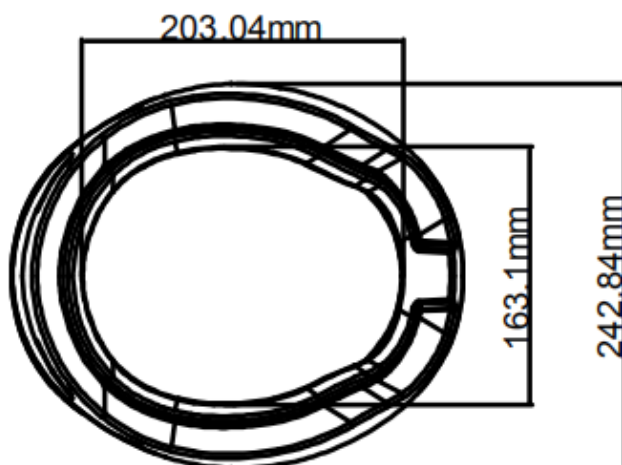
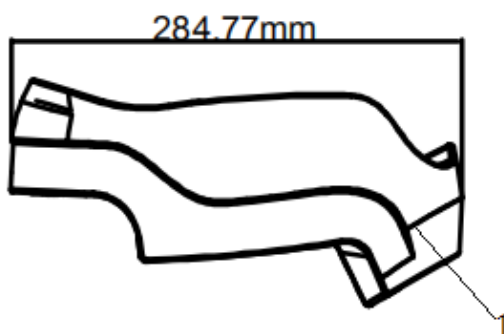
R22-V541-01



Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 10 of 17



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
1	Main Protective Padding	EPS			
<b>Description</b>	V541 Large Main Protective Padding (Suit for sizes M-XL)		<b>Code No.:</b>	V541.2-L	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022

INFORMATION DOCUMENT

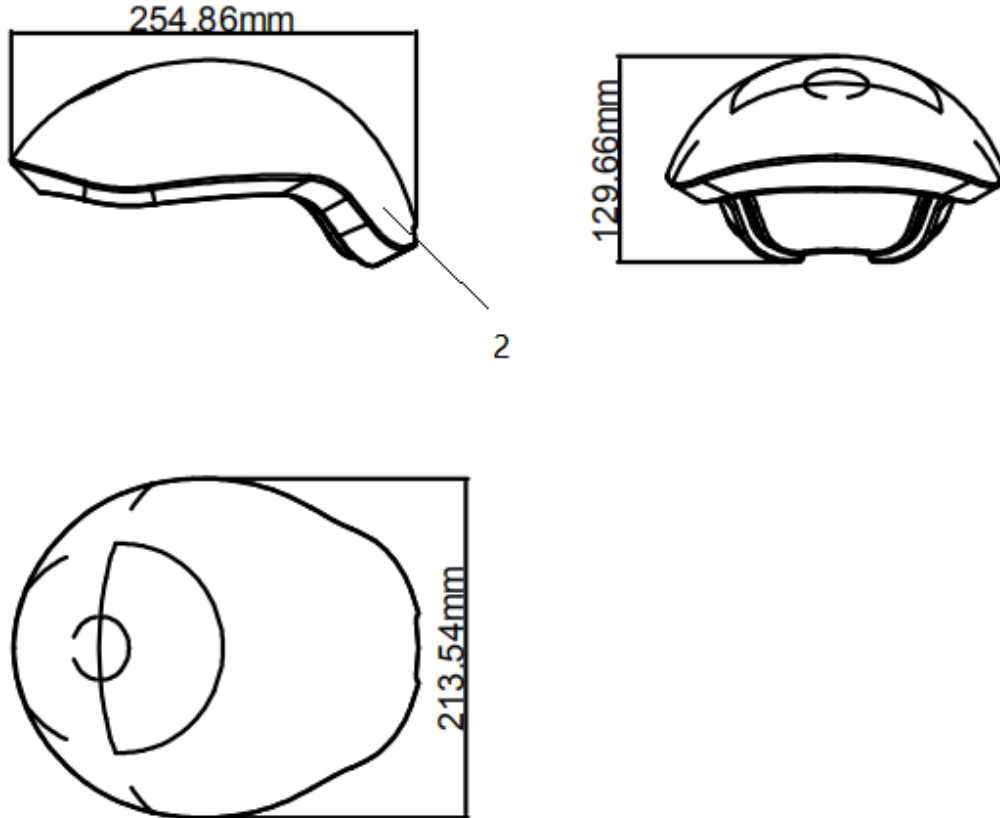
R22-V541-01



Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 11 of 17



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
2	Top Protective Padding	EPS			
<b>Description</b>	V541 Small Top Protective Padding (Suit for sizes XS-S)		<b>Code No.:</b>	V541.3-S	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022

INFORMATION DOCUMENT

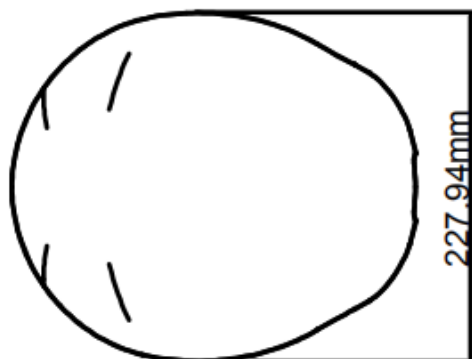
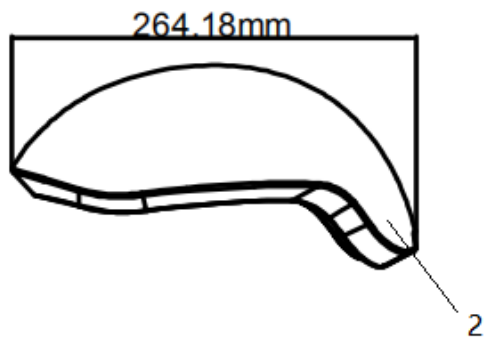
R22-V541-01



Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 12 of 17



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
2	Top Protective Padding	EPS			
<b>Description</b>	V541 Large Top Protective Padding (Suit for sizes M-XL)		<b>Code No.:</b>	V541.3-L	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022

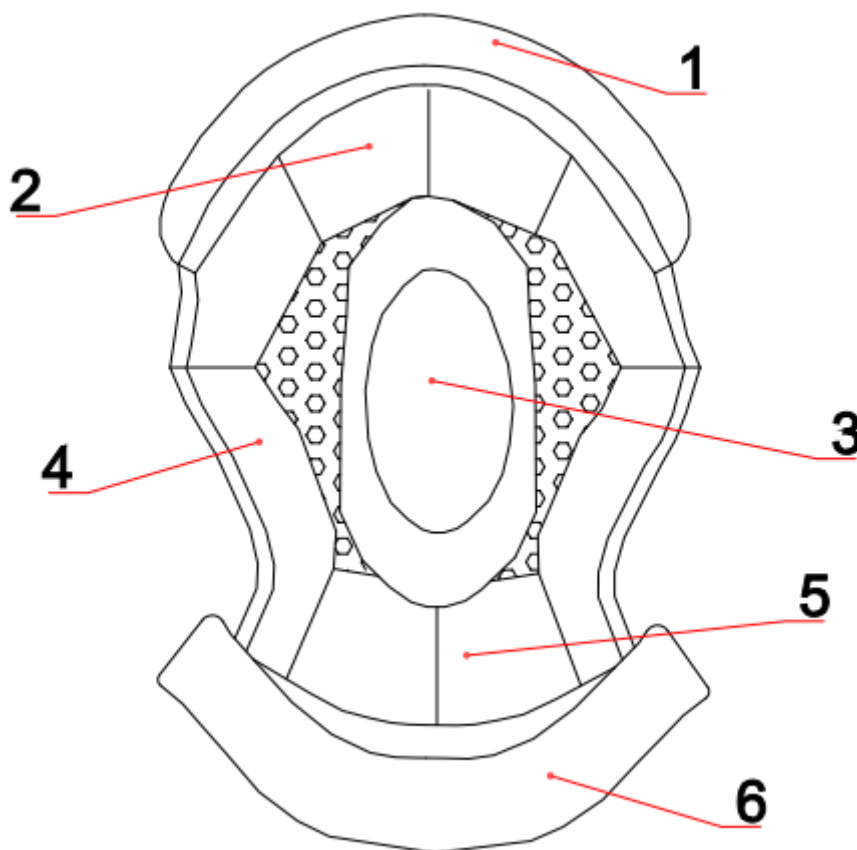


Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 13 of 17

**Annex 4: Drawing of the comfort padding**



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
1	Front Piping	PP	2	Front part	Compound Sponge
3	Crown	Compound Sponge	4	Lining Facing(L)	Compound Sponge
5	Rear part	Compound Sponge	6	Back cover	Compound Sponge
<b>Description</b>	V541 Comfort Padding (Suit for Both Version Helmets)		<b>Code No.:</b>	V541.7	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022

INFORMATION DOCUMENT

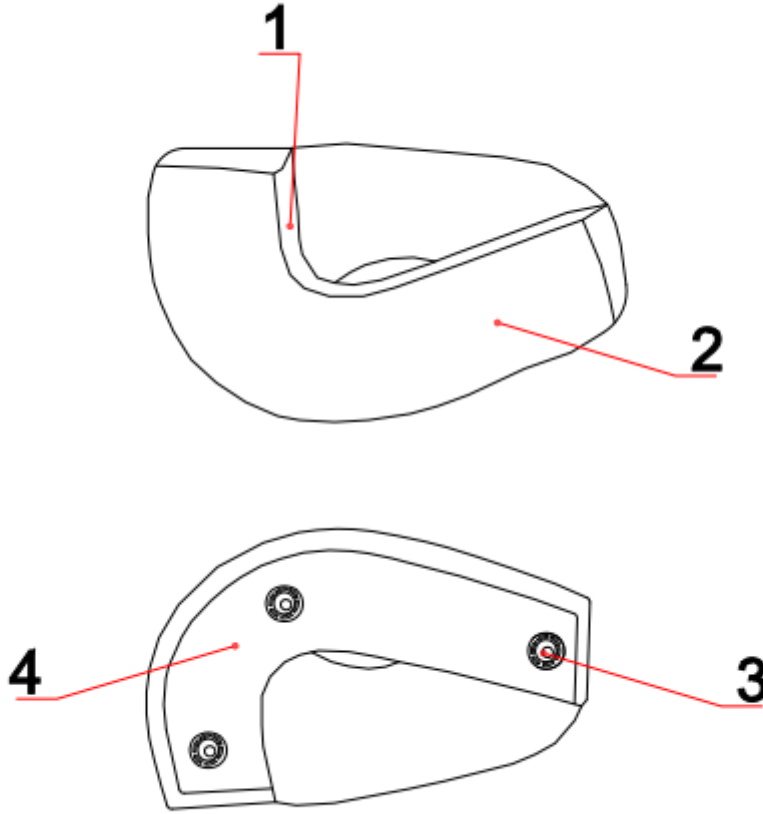
R22-V541-01



Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 14 of 17



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
1	Piping of the upper earmuffs	Fabric	2	Upper earmuffs surface	Compound Sponge
3	Snap button(female)	PA	4	PP sheet of the upper earmuffs	PP
<b>Description</b>	V541 Ear Comfort Padding (Suit for Both Version Helmets)		<b>Code No.:</b>	V541.4	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022

INFORMATION DOCUMENT

R22-V541-01

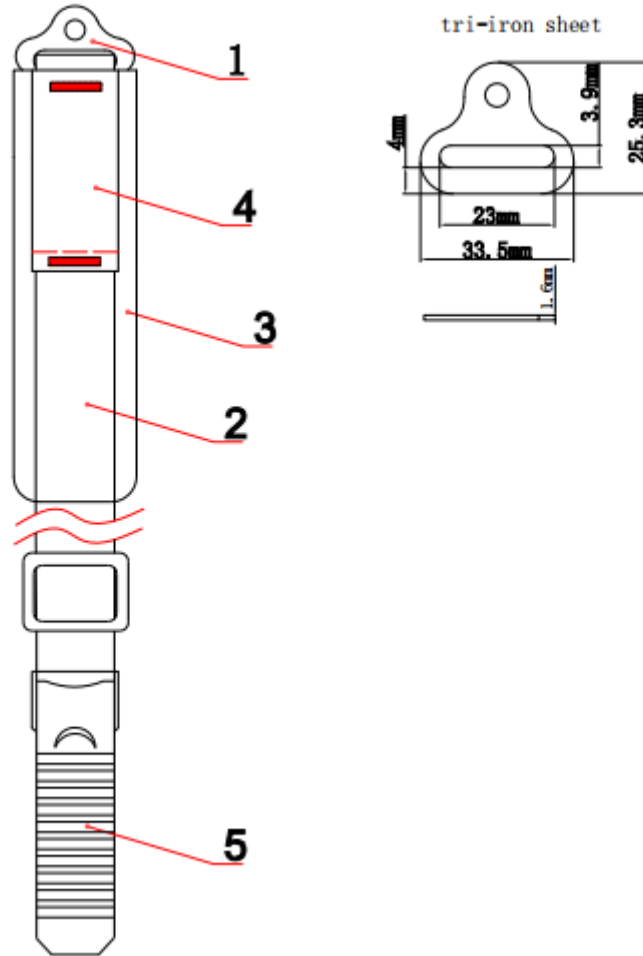


Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
 MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 15 of 17

Annex 5: Drawing of the retention system



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
1	Tri-iron sheet	sheet	2	Short-strap	Nylon
3	Piping cloth	fabric	4	Wearing cloth	Compound Sponge
5	Quick release buckle(male)	POM			
<b>Description</b>	V541 Chin Strap (Right) (Suit for Both Version Helmets)		<b>Code No.:</b>	V541.6	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022

INFORMATION DOCUMENT

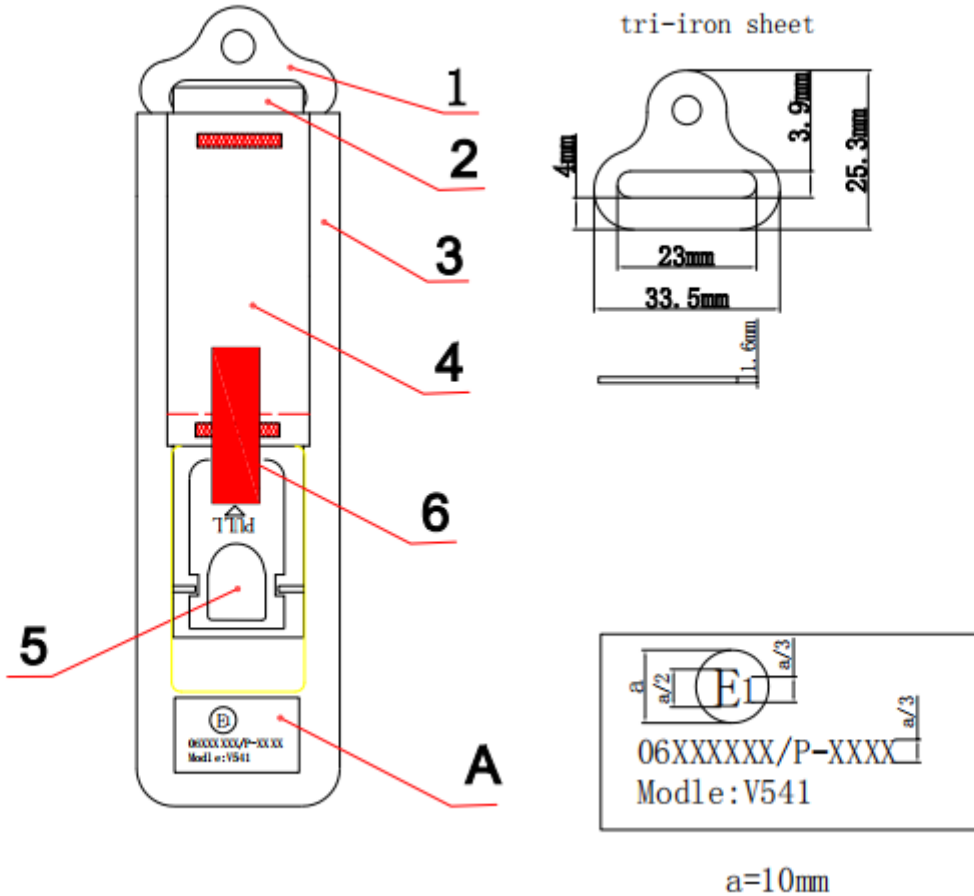
R22-V541-01



Type : V541  
 Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 16 of 17



R22 E1\*22R06/01\*300530\*05

Number	Name	Material	Number	Name	Material
1	Tri-iron sheet	sheet	2	Short-strap	Nylon
3	Piping cloth	fabric	4	Wearing cloth	Compound Sponge
5	Quick release buckle (female)	POM	6	Small-strap	Nylon(L*H:65*10mm)
<b>Description</b>	V541 Chin Strap (Left) (Suit for Both Version Helmets)		<b>Code No.:</b>	V541.5	
<b>Manufacturer:</b>	SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.				
<b>Address:</b>	NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA				
<b>Drawn by:</b>	Tang Kun Rong	<b>Checked by:</b>	Li Ling Song	<b>Approved by:</b>	Zhu Yong
<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022	<b>Date:</b>	20.06.2022



Type : V541  
Manufacture : SHANGHAI HEHUI SAFETY PRODUCTS  
MANUFACTURE CO., LTD.

Date: 20.06.2022

Page 17 of 17

**Annex 6: Information for wearer**

# WARNING

No helmet can protect the user from all possible and foreseeable impacts.

1. For adequate protection, this helmet must fit closely and be securely attached. Any helmet that has sustained a violent impact should be replaced.
2. Visors (if fitted) with the marking indicating "daytime use only" are not suitable for use during the hours of darkness or in conditions of poor visibility. The fastening of visor is such that it will not be possible to remove it instantly from the line of sight with one hand should an emergency (such as headlamp glare or misting) occur.
3. To maintain the full efficiency of the helmet, any modification to the structure of the helmet or its parts is not allowed.
4. Do not apply paint, stickers, petrol or other solvents to this helmet. Hydrocarbons, cleaning fluids, paints, transfers or other extraneous additions will affect the shell material adversely.

Shell is made by injection method using acrylonitrile butadiene styrene and polycarbonate blending thermoplastic. Lining is made of expanded polystyrene.

**Important: read helmet user's guide for additional information prior to using your new helmet.**