

SAFETY COMPLIANCE TESTING FOR FMVSS No. 218 MOTORCYCLE HELMETS

Brand: VRBEST, RODA, MRC, CID, ATOMIC, URBAX HELMETS

Model: VR-217

Tested Size: L (59-60 cm)

To also include sizes S (55-56 cm) and M (57-58 cm) with same shell and EPS liner size.

Prepared For:

Yueqing Hengsheng Motorcycle Fittings Co., Ltd.

Building E2, No. 2555 Ningkang East Road, Shifan Street,
Yueqing City, Wenzhou City,
Zhejiang, P.R China



Issue Date: 24 December 2024

Revised Date: 29 October 2025

Final Report: 711.18936.002Rev.1

This is a duplicated report of report number 711.18936.002 but with the new brand names added.

Tested By:

Taicang ACT Sporting Goods Testing Co., Ltd.

No. 35 Zhenghe Road,
Ludu Town, Taicang City, Suzhou,
Jiangsu Province, China 215412

www.act-lab.com

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Contract File No.: 711.18936

Test File: 002

Control Document: Official ACT FMVSS No.218 Report Template TP-07 CN 03 December 2024 Rev.37

SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/FMVSS No.218

Technician: Wille Wang

Test Date: 22 December 2024



TABLE OF CONTENTS

<u>PURPOSE OF COMPLIANCE TEST</u>	3
<u>HELMET DATA</u>	4
<u>TEST DATA</u>	13
<u>APPENDIX A</u>	27
<u>INTERPRETATIONS OR DEVIATIONS FROM FMVSS 218</u>	27
<u>APPENDIX B</u>	28
<u>EQUIPMENT LIST AND CALIBRATION SCHEDULES</u>	29
<u>APPENDIX C</u>	32

PURPOSE OF COMPLIANCE TEST

Purpose:

The purpose of this test was to determine if the motorcycle helmets supplied by:

Yueqing Hengsheng Motorcycle Fittings Co., Ltd.

Met the requirements of

Federal Motor Vehicle Safety Standard No. 218: Motorcycle Helmets effective May 13, 2013.

All samples received were in good condition and appropriate for these tests.

Test Procedure:

This test was performed following TP-218-07 and ACT TP 304.



HELMET DATA

HELMET BRAND NAME: VRBEST, RODA, MRC, CID, ATOMIC, URBAX HELMETS

HELMET MODEL DESIGNATION: VR-217

HELMET MANUFACTURER: Yueqing Hengsheng Motorcycle Fittings Co., Ltd.

HELMET SIZE: L (59-60 cm)

HELMET COVERAGE: Partial: _____ Full: _____ Complete: X

HELMET POSITIONING INDEX: 50 mm

SHELL MATERIAL: ABS Plastic, Fiberglass

LINER MATERIAL: Polystyrene

BUCKLE DESCRIPTION: Quick Release Ratchet

HELMET	A Ambient	B Low Temp	C High Temp	D Water Immersed	E Spare
SHELL COLOR/PATTERN	Black	Black	Black	Black	Black
WEIGHT (grams)	1446	1445	1447	1445	1652
MONTH & YEAR OF MANUFACTURE	12/24	12/24	12/24	12/24	12/24

Reviewed by: John Bogler

COMMENTS:

1. All helmets were received in undamaged condition and were appropriate for testing.
2. Weights listed above for helmets A-D are as tested with face shield and inner sun shield removed.
3. Weight for helmet E is complete with all components in place.
4. This is a complete coverage helmet with modular flip up chin bar.
5. ACT determined the HPI information prior to testing.

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SUMMARY OF TEST RESULTS

INDICATE Pass or Fail

HELMET	A	B	C	D
TEST	AMBIENT	LOW TEMP	HIGH TEMP	WATER IMMERSED
IMPACT	Pass	Pass	Pass	Pass
PENETRATION	Pass	Pass	Pass	Pass
RETENTION	Pass	Pass	Pass	Pass

INDICATE Pass or Fail

TEST	PASS/FAIL
PERIPHERAL VISION	Pass
PROJECTIONS	Pass
LABELING	Pass

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SELECTION OF APPROPRIATE HEADFORM

Paragraph S6.1 - If the helmet size designation falls into more than one of three size ranges, it shall be tested on each appropriate headform.

HELMET SIZE DESIGNATION	HEADFORM SIZE
Less than or equal to 6-3/4 (European Size 54)	SMALL
Greater than 6-3/4, but less than or equal to 7-1/2 (European Size 60)	MEDIUM
Greater than 7-1/2 (European 60)	LARGE

COMMENTS:

The manufacturer marked the helmet with its corresponding discrete size: L (59-60 cm),
Headform Size: DOT MEDIUM.

CONDITIONING FOR TESTING — Paragraph S6.4 — The protective headgear shall be conditioned for not less than 4 hours and no more than 24 hours, in the specified environmental condition shown below, prior to test.

Ambient Conditions	16°C to 26°C (61°F to 79°F); 30% to 70% Relative Humidity
Low Temperature	-15°C to -5°C (5°F to 23°F)
High Temperature	45°C to 55°C (113°F to 131°F)
Water Immersion	16°C to 26°C (61°F to 79°F)

The maximum time during which the protective headgear may be out of the conditioning environment shall not exceed 4 minutes. It must then be returned to the conditioned environment for a minimum of 3 minutes for each minute or portion of a minute in excess of 4 minutes out of the conditioning environment or 12 hours, whichever is less, prior to resumption of testing.

AVERAGE LAB TEMPERATURE : 22 °C ; AVERAGE LAB HUMIDITY : 57 %

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IMPACT ATTENUATION

Helmet ID	Condition	Impact #	Impact Location	Anvil	Drop Height (cm)	Velocity (m/sec)	Duration at 150G (ms)	Duration at 200G (ms)	Peak Acc. (g)	Pass/Fail
711.18936.002-A	Ambient	1	RT FRONT	FLAT	192.0	6.0084	0.00	0.00	147.7	Pass
711.18936.002-A	Ambient	2	RT FRONT	FLAT	192.0	5.9225	2.23	0.00	178.6	Pass
711.18936.002-A	Ambient	3	LF REAR	FLAT	192.0	5.9898	1.57	0.00	174.9	Pass
711.18936.002-A	Ambient	4	LF REAR	FLAT	192.0	5.9890	0.43	0.00	152.8	Pass
711.18936.002-A	Ambient	5	LF FRONT	HEMI	145.0	5.2259	0.00	0.00	80.5	Pass
711.18936.002-A	Ambient	6	LF FRONT	HEMI	145.0	5.2329	0.00	0.00	105.8	Pass
711.18936.002-A	Ambient	7	RT REAR	HEMI	145.0	5.2099	0.00	0.00	102.6	Pass
711.18936.002-A	Ambient	8	RT REAR	HEMI	145.0	5.2388	0.00	0.00	144.5	Pass
711.18936.002-B	Cold	1	RT FRONT	FLAT	192.0	5.9794	1.10	0.00	158.8	Pass
711.18936.002-B	Cold	2	RT FRONT	FLAT	192.0	5.9616	2.63	0.37	205.7	Pass
711.18936.002-B	Cold	3	LF REAR	FLAT	192.0	6.0011	1.57	0.00	171.7	Pass
711.18936.002-B	Cold	4	LF REAR	FLAT	192.0	5.9767	3.24	1.24	210.3	Pass
711.18936.002-B	Cold	5	LF FRONT	HEMI	145.0	5.2156	0.00	0.00	81.5	Pass
711.18936.002-B	Cold	6	LF FRONT	HEMI	145.0	5.2054	0.00	0.00	90.7	Pass
711.18936.002-B	Cold	7	RT REAR	HEMI	145.0	5.1999	0.00	0.00	110.0	Pass
711.18936.002-B	Cold	8	RT REAR	HEMI	145.0	5.2087	0.00	0.00	124.7	Pass
711.18936.002-C	Hot	1	RT FRONT	FLAT	192.0	5.9445	0.00	0.00	147.7	Pass
711.18936.002-C	Hot	2	RT FRONT	FLAT	192.0	5.9470	2.58	0.00	180.9	Pass
711.18936.002-C	Hot	3	LF REAR	FLAT	192.0	6.0101	0.15	0.00	151.4	Pass
711.18936.002-C	Hot	4	LF REAR	FLAT	192.0	5.9552	2.73	0.00	177.2	Pass
711.18936.002-C	Hot	5	LF FRONT	HEMI	145.0	5.2475	0.00	0.00	79.6	Pass
711.18936.002-C	Hot	6	LF FRONT	HEMI	145.0	5.2416	0.00	0.00	93.9	Pass
711.18936.002-C	Hot	7	RT REAR	HEMI	145.0	5.2184	0.00	0.00	100.3	Pass
711.18936.002-C	Hot	8	RT REAR	HEMI	145.0	5.2189	0.00	0.00	122.4	Pass
711.18936.002-D	Wet	1	RT FRONT	FLAT	192.0	5.9887	0.23	0.00	150.9	Pass
711.18936.002-D	Wet	2	RT FRONT	FLAT	192.0	6.0271	2.48	0.00	180.4	Pass
711.18936.002-D	Wet	3	LF REAR	FLAT	192.0	5.9755	0.27	0.00	153.7	Pass
711.18936.002-D	Wet	4	LF REAR	FLAT	192.0	5.9684	3.08	1.19	212.6	Pass
711.18936.002-D	Wet	5	LF FRONT	HEMI	145.0	5.1837	0.00	0.00	81.0	Pass
711.18936.002-D	Wet	6	LF FRONT	HEMI	145.0	5.2093	0.00	0.00	104.5	Pass
711.18936.002-D	Wet	7	RT REAR	HEMI	145.0	5.2124	0.00	0.00	111.4	Pass
711.18936.002-D	Wet	8	RT REAR	HEMI	145.0	5.1944	0.00	0.00	133.0	Pass

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Technician: Wille Wang

Test Date: 22 December 2024

PENETRATION

Paragraph S5.2 and S7.2

WEIGHT OF STRIKER: 2.95 to 3.06 kg (6 pounds, 8 ounces to 6 pounds, 12 ounces)

POINT OF STRIKER: Radius = 0.5 ± 0.1 mm (0.02 ± 0.004 in.), included angle of $60^\circ \pm 0.5^\circ$, hardness minimum of 60 Rockwell "C" Scale and a cone height of not less than 3.8 ± 0.038 cm (1.5 ± 0.015 in.).

HEIGHT OF FALL: 300 cm $\pm$ 1.5 cm, measured from the tip of the striker point to the outer surface of the mounted protective headgear.

FAILURE CRITERION: When tested, the protective headgear shall be failed if the penetrator has made an indentation in the headform.

TEST	HELMET	TEST LOCATION	PASS	FAIL	CONDITIONS
1	A	Crown	X		AMBIENT
2	A	Rear	X		AMBIENT
3	B	Crown	X		LOW TEMPERATURE
4	B	Rear	X		LOW TEMPERATURE
5	C	Crown	X		HIGH TEMPERATURE
6	C	Rear	X		HIGH TEMPERATURE
7	D	Crown	X		WATER IMMERSED
8	D	Rear	X		WATER IMMERSED

COMMENT: Photographs of penetration test locations are found in Appendix C.

RETENTION SYSTEM

Paragraph S5.3 and S7.3

REQUIREMENTS:

READING	APPLIED LOAD
INITIAL	22.68 kg, + 4.54 kg, - 0 kg (50.0 lbs., + 10 lbs., - 0 lbs.)
FINAL	136 kg, + 0 kg, - 2.3 kg (300.0 lbs., + 0 lbs., - 5 lbs.)

ELONGATION NOT TO EXCEED 2.54 cm (1.0 INCH) AFTER LOAD INCREASE

HELMET	CONDITIONS	ELONGATION cm
A	AMBIENT	1.65
B	LOW TEMPERATURE	1.83
C	HIGH TEMPERATURE	1.67
D	WATER IMMERSED	1.76

PERIPHERAL VISION

CONFIGURATION - Paragraph S5.4 - Helmet shall provide a minimum peripheral vision of 105° to each side of the midsagittal plane. The brow opening shall be at least 2.54 cm (1 inch) above all points in the basic plane that are within the angles of peripheral vision.

	REQUIREMENTS	TEST RESULTS
PERIPHERAL VISION	> 105°	Pass
BROW OPENING	> 2.5 cm (1 inch)	Pass

PROJECTIONS

Paragraph S5.5

REQUIREMENTS:

PROJECTION	REQUIREMENT
Internal rigid	None
External rigid	Operational, shall not protrude more than 5 mm

TEST RESULTS:

PROJECTION	PRESENT	HEIGHT (mm)
Internal	None	Not Applicable
External	Spoiler	44.29 mm

COMMENT:

- The projection is greater than 5 mm in height but is loosely attached to the shell as it can be removed without the aid of a tool and therefore deemed non-rigid.

LABELING

S5.6.1 *Labeling* - Each helmet shall be permanently and legibly labeled, in a manner such that the label(s) can be easily read without removing padding or any other permanent part, with the following:

Required Information	Content/Format	Permanent
Manufacturer's name	Pass	Pass
Discrete size	Pass	Pass
Month and year of manufacture	Pass	Pass
Instructions to the purchaser as follows:	-----	-----
"Shell and liner constructed of (identify type(s) of materials)."	Pass	Pass
"Helmet can be seriously damaged by some common substances without damage being visible to the user."	Pass	Pass
"Apply only the following: (Recommended cleaning agents, paints, adhesives, etc., as appropriate.)"	Pass	Pass
"Make no modifications."	Pass	Pass
"Fasten helmet securely."	Pass	Pass
"If helmet experiences a severe blow, return it to the manufacturer for inspection, or destroy it and replace it."	Pass	Pass

COMMENT:

- Labels were determined to be both easily read and permanent based on the TP-218-07, Section 12.5.4.

LABELING

S5.6.2 Certification. Each helmet shall be labeled permanently and legibly with a label, constituting the manufacturer's certification that the helmet conforms to the applicable Federal motor vehicle safety standards, that is separate from the label(s) used to comply with S5.6.1, and complies with paragraphs (a) through (c) of this section. (a) Content, format, and appearance. The label required by paragraph S5.6.2 shall have the following content, format, and appearance:

Required Certification Information	Content/ Format	Permanent
The symbol "DOT," horizontally centered on the label, in letters not less than 0.38 inch (1.0 cm) high.	Pass	Pass
The term "FMVSS No. 218," horizontally centered beneath the symbol DOT, in letters not less than 0.09 inches (0.23 cm) high.	Pass	
The word "CERTIFIED," horizontally centered beneath the term "FMVSS No. 218," in letters not less than 0.09 inches (0.23 cm) high.	Pass	
The precise model designation horizontally centered above the symbol DOT, in letters and/or numerals not less than 0.09 inch (0.23 cm) high.	Pass	
The manufacturer's name and/or brand, horizontally centered above the model designation, in letters and/or numerals not less than 0.09 inch (0.23 cm) high.	Pass	
All symbols, letters and numerals shall be in a color that contrasts with the background of the label.	Pass	
No information, other than the information specified in subparagraph (a), shall appear on the label.	Pass	
The label shall appear on the outer surface of the helmet and be placed so that it is centered laterally with the horizontal centerline of the DOT symbol located a minimum of 1 inch (2.5 cm) and a maximum of 3 inches (7.6 cm) from the bottom edge of the posterior portion of the helmet.	Pass	

COMMENT:

- Labels were determined to be both easily read and permanent based on the TP-218-07, Section 12.5.4.



TEST DATA

Contract File No.: 711.18936

Test File: 002

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SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/FMVSS No.218

Technician: Wille Wang

Test Date: 22 December 2024

Uni-Axial Calibration

Helmet Manufacturer HENG SHENG

Address :

Testing Laboratory Taicang ACT Lab

Address : No. 35 Zhenghe Road, Ludu Town,
Taicang City, Suzhou, Jiangsu Province,
China 215412

Laboratory Technician name Wille

M.E.P. Pad Model 1 MEP

Laboratory Temperature 22 deg C

Laboratory Humidity 57 %

Selected Filter Frequency 1000 Hz

Acc. sensitivity (axis Z) : 10.61 mV/G

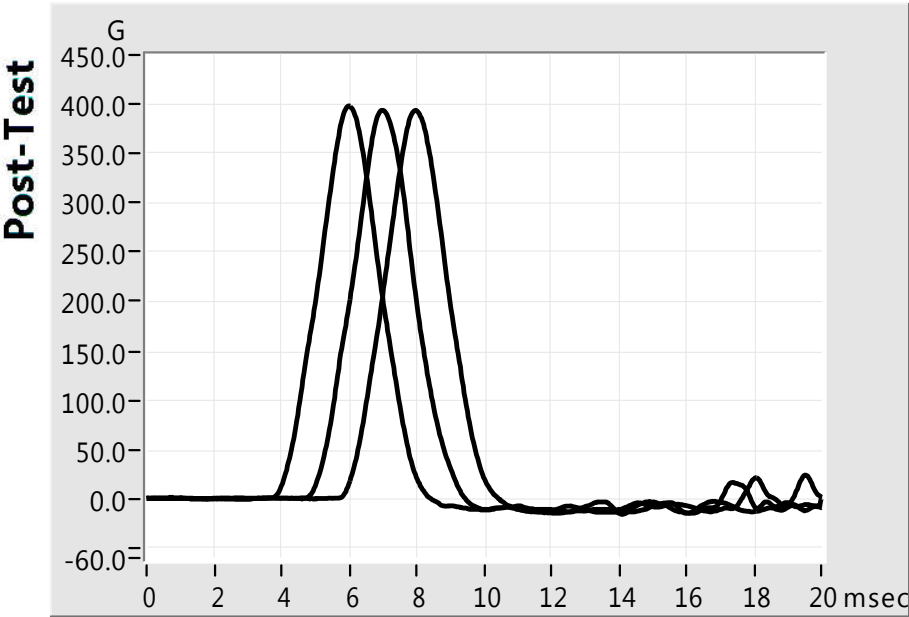
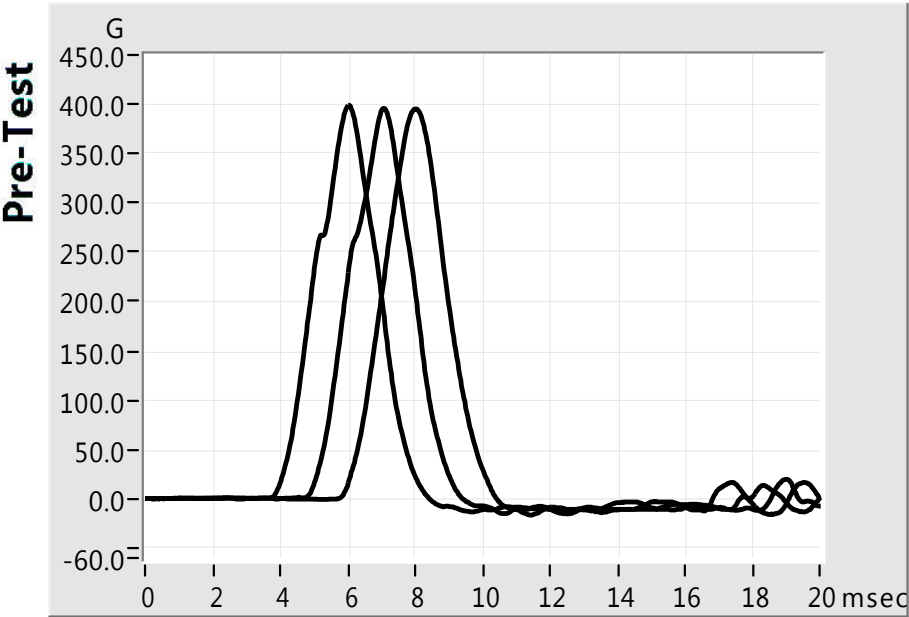
Acc. sensitivity (axis X) : 10.00 mV/G

Acc. sensitivity (axis Y) : 10.00 mV/G

Drop Device : Spherical Impactor (Uni-Axial)

Drop mass assembly : 4.969 kg Time gate flag height : 25.63 mm

Calibration peak : 402.5 G +/- 22.50 G



	Impact #	Peak Acc.(G)	HIC	Velocity IN (m/sec)	Drop Height (cm)	Anvil type	Delta T 150G (msec)	Delta T 200G (msec)	Position	Test Date	Test Time	Friction (%)	PASS or FAIL
Pre-Test	1	399.0	3528	4.7485	123.0	MEP	2.49	2.13	0/0	2024-12-22	08:55:41	3.3	Pass
	2	395.8	3502	4.7326	123.0	MEP	2.49	2.13	0/0	2024-12-22	08:56:46	3.6	Pass
	3	394.9	3606	4.8426	123.0	MEP	2.43	2.00	0/0	2024-12-22	08:57:53	1.4	Pass
Post-Test	1	398.1	3631	4.8309	123.0	MEP	2.48	2.01	0/0	2024-12-22	09:48:21	1.6	Pass
	2	393.5	3575	4.7932	123.0	MEP	2.44	1.98	0/0	2024-12-22	09:49:27	2.4	Pass
	3	393.5	3621	4.7812	123.0	MEP	2.46	2.02	0/0	2024-12-22	09:50:33	2.7	Pass

Curve impact #2 : shift of 1ms
Curve impact #3 : shift of 2ms

Impact Uni-Axial

Testing Laboratory : Taicang ACT Lab

Address : No. 35 Zhenghe Road, Ludu Town,
Taicang City, Suzhou, Jiangsu
Province, China 215412

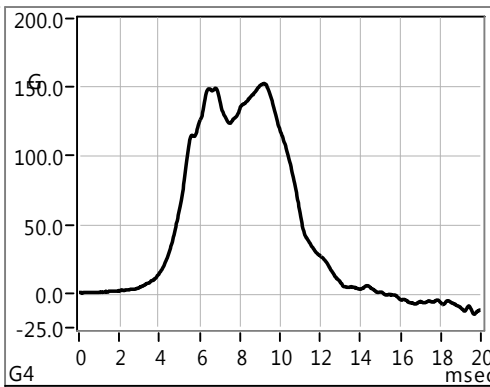
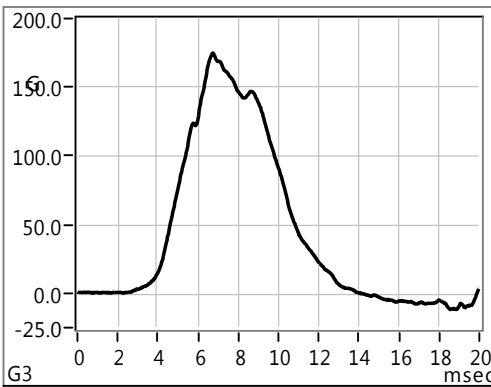
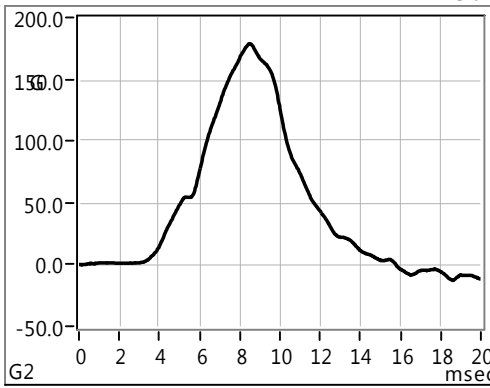
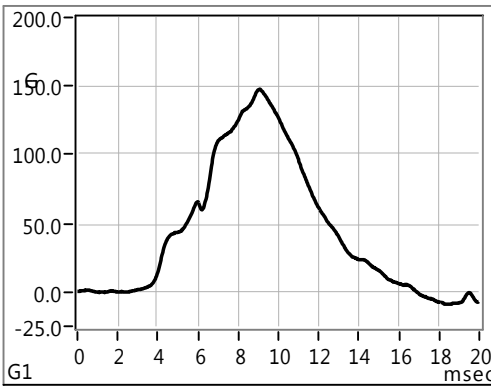
Helmet Manufacturer : HENG SHENG

Address :

Laboratory Technician name : Wille

Batch Number :

Ref. P.O. Number :



Model : VR-217
Color : Black
Size : L(59-60CM)
Weight : 1446.00 g
Manufacturing Date : 22 Dec 2024
Standard Request : FMVSS 218
Identification Code : 711.18936.002-A
Headform Model : D.O.T.
Headform Size : C D.O.T
Conditioning : Ambient
Laboratory Temperature : 22 deg C
Laboratory Humidity : 57 %
Selected Filter Frequency : 1650 Hz
Maximum Peak G's authorized : 400 G
Maximum Peak m/s² authorized : 3923 m/s²
Drop mass assembly : 4.969 kg
Time gate flag height : 25.63 mm
Acc. sensibility (axis Z) : 10.61

Impact #	Peak Acc.(G)	HIC	Velocity IN (m/sec)	Drop Height (cm)	Anvil type	Delta T 150G (msec)	Delta T 200G (msec)	Position	Test Date	Test Time	Friction (%)	PASS or FAIL
1	147.7	765	6.0084	192.0	FLAT	0.00	0.00	RT FRONT	2024-12-22	09:05:26	2.1	Pass
2	178.6	1067	5.9225	192.0	FLAT	2.23	0.00	RT FRONT	2024-12-22	09:05:35	3.5	Pass
3	174.9	1095	5.9898	192.0	FLAT	1.57	0.00	LF REAR	2024-12-22	09:14:37	2.4	Pass
4	152.8	1043	5.9890	192.0	FLAT	0.43	0.00	LF REAR	2024-12-22	09:14:45	2.4	Pass

Impact Uni-Axial

Testing Laboratory : Taicang ACT Lab

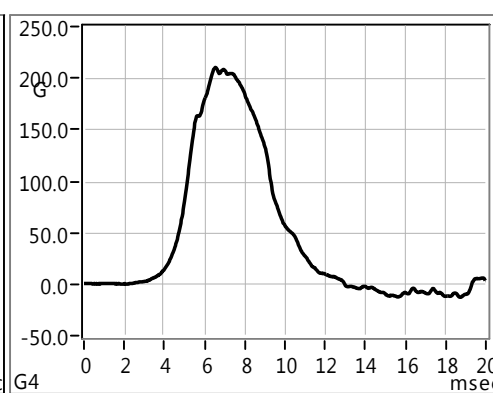
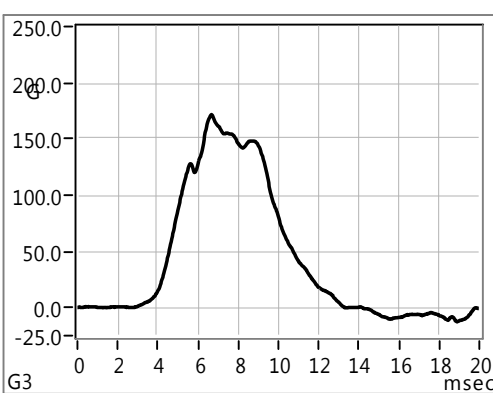
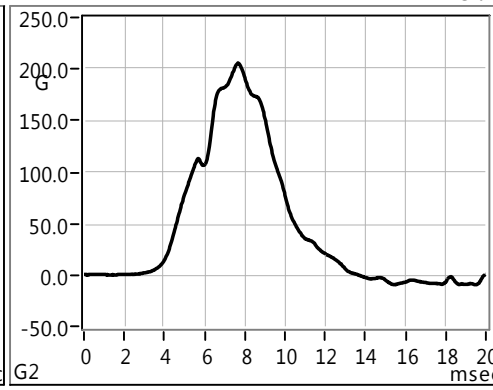
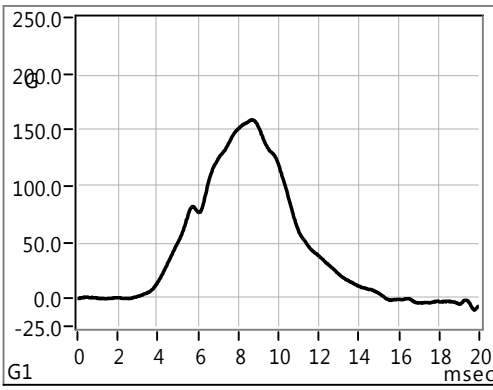
Address : No. 35 Zhenghe Road, Ludu Town,
Taicang City, Suzhou, Jiangsu
Province, China 215412

Helmet Manufacturer : HENG SHENG
Address :

Laboratory Technician name : Wille

Batch Number :

Ref. P.O. Number :



Model : VR-217
Color : Black
Size : L(59-60CM)
Weight : 1445.00 g
Manufacturing Date : 22 Dec 2024
Standard Request : FMVSS 218
Identification Code : 711.18936.002-B
Headform Model : D.O.T.
Headform Size : C D.O.T
Conditioning : Cold
Laboratory Temperature : 22 deg C
Laboratory Humidity : 57 %
Selected Filter Frequency : 1650 Hz
Maximum Peak G's authorized : 400 G
Maximum Peak m/s² authorized : 3923 m/s²
Drop mass assembly : 4.969 kg
Time gate flag height : 25.63 mm
Acc. sensibility (axis Z) : 10.61

Impact #	Peak Acc.(G)	HIC	Velocity IN (m/sec)	Drop Height (cm)	Anvil type	Delta T 150G (msec)	Delta T 200G (msec)	Position	Test Date	Test Time	Friction (%)	PASS or FAIL
1	158.8	848	5.9794	192.0	FLAT	1.10	0.00	RT FRONT	2024-12-22	09:07:14	2.6	Pass
2	205.7	1309	5.9616	192.0	FLAT	2.63	0.37	RT FRONT	2024-12-22	09:07:22	2.9	Pass
3	171.7	1094	6.0011	192.0	FLAT	1.57	0.00	LF REAR	2024-12-22	09:17:18	2.2	Pass
4	210.3	1633	5.9767	192.0	FLAT	3.24	1.24	LF REAR	2024-12-22	09:17:28	2.6	Pass

Impact Uni-Axial

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Address : No. 35 Zhenghe Road, Ludu Town,
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Province, China 215412

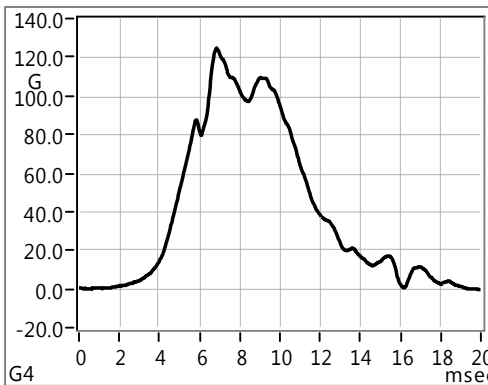
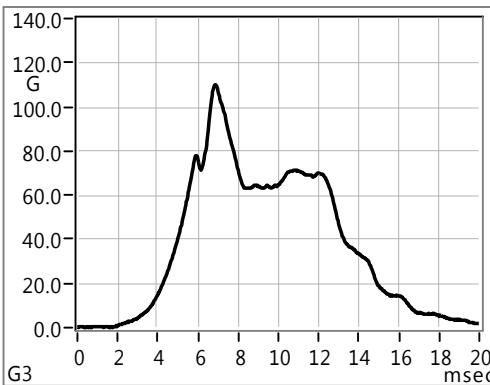
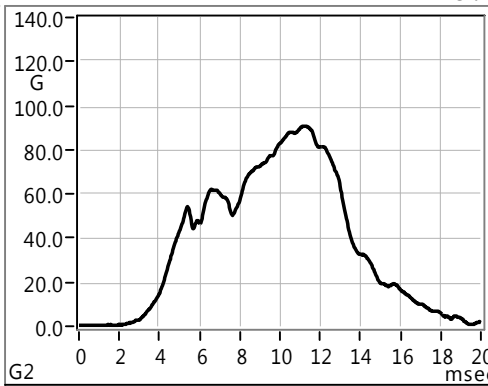
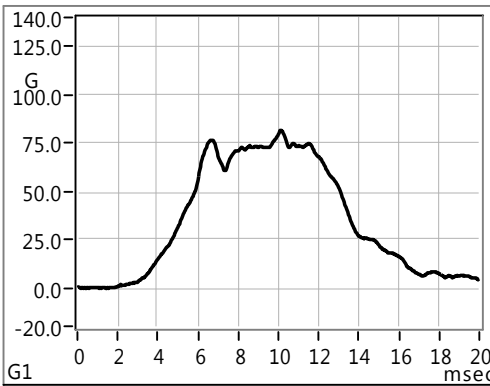
Helmet Manufacturer : HENG SHENG

Address :

Laboratory Technician name : Wille

Batch Number :

Ref. P.O. Number :



Model : VR-217

Color : Black

Size : L(59-60CM)

Weight : 1445.00 g

Manufacturing Date : 22 Dec 2024

Standard Request : FMVSS 218

Identification Code : 711.18936.002-B

Headform Model : D.O.T.

Headform Size : C D.O.T

Conditioning : Cold

Laboratory Temperature : 22 deg C

Laboratory Humidity : 57 %

Selected Filter Frequency : 1650 Hz

Maximum Peak G's authorized : 400 G

Maximum Peak m/s² authorized : 3923 m/s²

Drop mass assembly : 4.969 kg

Time gate flag height : 25.63 mm

Acc. sensibility (axis Z) : 10.61

Impact #	Peak Acc.(G)	HIC	Velocity IN (m/sec)	Drop Height (cm)	Anvil type	Delta T 150G (msec)	Delta T 200G (msec)	Position	Test Date	Test Time	Friction (%)	PASS or FAIL
5	81.5	292	5.2156	145.0	HEMI	0.00	0.00	LF FRONT	2024-12-22	09:22:02	2.2	Pass
6	90.7	326	5.2054	145.0	HEMI	0.00	0.00	LF FRONT	2024-12-22	09:22:18	2.4	Pass
7	110.0	342	5.1999	145.0	HEMI	0.00	0.00	RT REAR	2024-12-22	09:30:14	2.5	Pass
8	124.7	535	5.2087	145.0	HEMI	0.00	0.00	RT REAR	2024-12-22	09:30:22	2.3	Pass

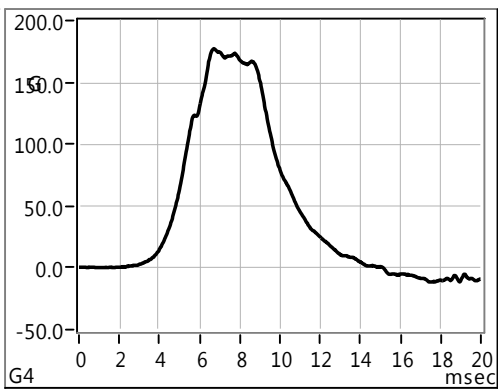
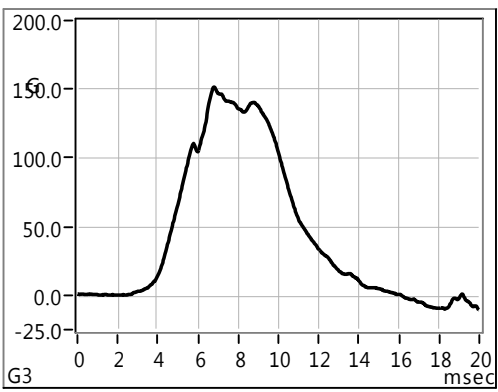
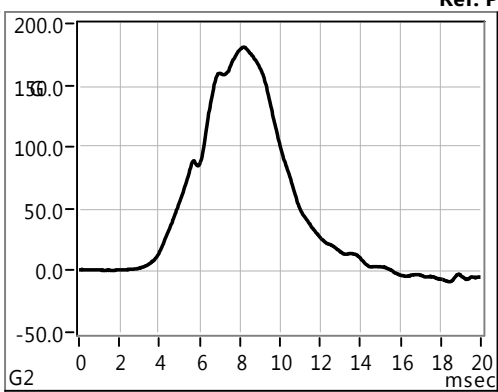
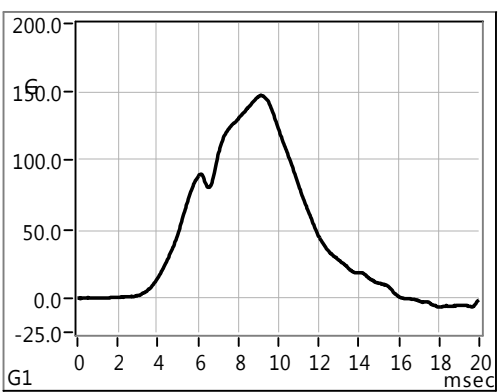
Impact Uni-Axial

Testing Laboratory : Taicang ACT Lab

Address : No. 35 Zhenghe Road, Ludu Town,
Taicang City, Suzhou, Jiangsu
Province, China 215412

Helmet Manufacturer : HENG SHENG
Address :

Laboratory Technician name : Wille
Batch Number :
Ref. P.O. Number :



Model : VR-217
Color : Black
Size : L(59-60CM)
Weight : 1447.00 g
Manufacturing Date : 22 Dec 2024
Standard Request : FMVSS 218
Identification Code : 711.18936.002-C
Headform Model : D.O.T.
Headform Size : C D.O.T
Conditioning : Hot
Laboratory Temperature : 22 deg C
Laboratory Humidity : 57 %
Selected Filter Frequency : 1650 Hz
Maximum Peak G's authorized : 400 G
Maximum Peak m/s2 authorized : 3923 m/s2
Drop mass assembly : 4.969 kg
Time gate flag height : 25.63 mm
Acc. sensibility (axis Z) : 10.61

Impact #	Peak Acc.(G)	HIC	Velocity IN (m/sec)	Drop Height (cm)	Anvil type	Delta T 150G (msec)	Delta T 200G (msec)	Position	Test Date	Test Time	Friction (%)	PASS or FAIL
1	147.7	763	5.9445	192.0	FLAT	0.00	0.00	RT FRONT	2024-12-22	09:09:19	3.1	Pass
2	180.9	1120	5.9470	192.0	FLAT	2.58	0.00	RT FRONT	2024-12-22	09:09:29	3.1	Pass
3	151.4	904	6.0101	192.0	FLAT	0.15	0.00	LF REAR	2024-12-22	09:18:46	2.1	Pass
4	177.2	1213	5.9552	192.0	FLAT	2.73	0.00	LF REAR	2024-12-22	09:18:55	3.0	Pass

Impact Uni-Axial

Testing Laboratory : Taicang ACT Lab

Address : No. 35 Zhenghe Road, Ludu Town,
Taicang City, Suzhou, Jiangsu
Province, China 215412

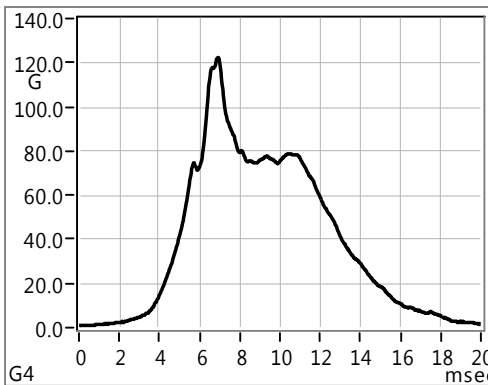
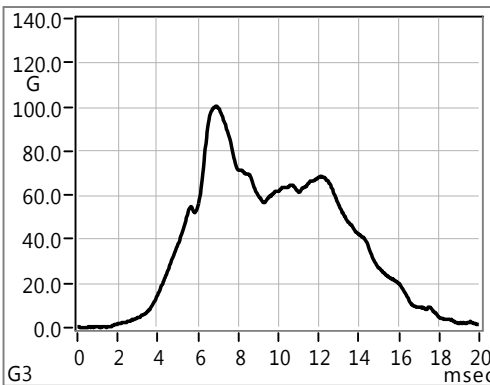
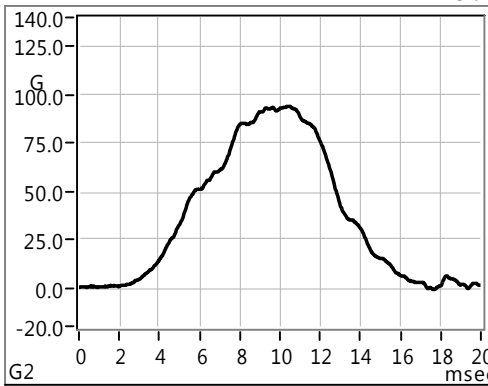
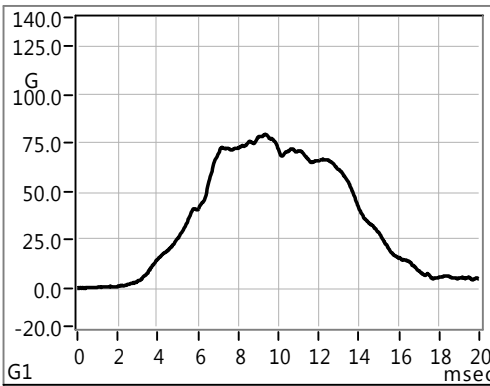
Helmet Manufacturer : HENG SHENG

Address :

Laboratory Technician name : Wille

Batch Number :

Ref. P.O. Number :



Model : VR-217

Color : Black

Size : L(59-60CM)

Weight : 1447.00 g

Manufacturing Date : 22 Dec 2024

Standard Request : FMVSS 218

Identification Code : 711.18936.002-C

Headform Model : D.O.T.

Headform Size : C D.O.T

Conditioning : Hot

Laboratory Temperature : 22 deg C

Laboratory Humidity : 57 %

Selected Filter Frequency : 1650 Hz

Maximum Peak G's authorized : 400 G

Maximum Peak m/s² authorized : 3923 m/s²

Drop mass assembly : 4.969 kg

Time gate flag height : 25.63 mm

Acc. sensibility (axis Z) : 10.61

Impact #	Peak Acc.(G)	HIC	Velocity IN (m/sec)	Drop Height (cm)	Anvil type	Delta T 150G (msec)	Delta T 200G (msec)	Position	Test Date	Test Time	Friction (%)	PASS or FAIL
5	79.6	290	5.2475	145.0	HEMI	0.00	0.00	LF FRONT	2024-12-22	09:22:50	1.6	Pass
6	93.9	371	5.2416	145.0	HEMI	0.00	0.00	LF FRONT	2024-12-22	09:22:58	1.7	Pass
7	100.3	310	5.2184	145.0	HEMI	0.00	0.00	RT REAR	2024-12-22	09:31:17	2.1	Pass
8	122.4	404	5.2189	145.0	HEMI	0.00	0.00	RT REAR	2024-12-22	09:31:25	2.1	Pass

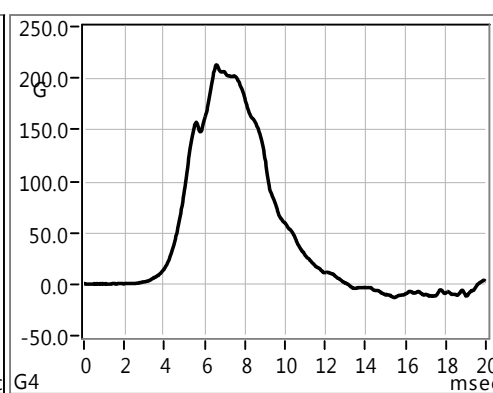
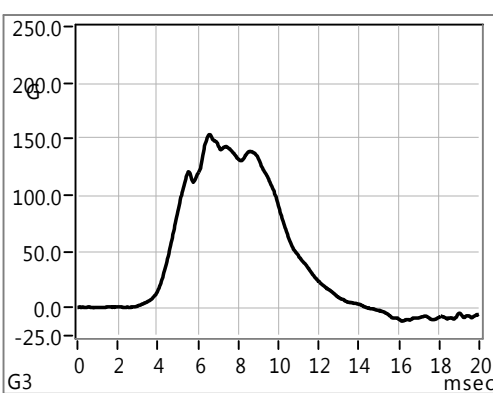
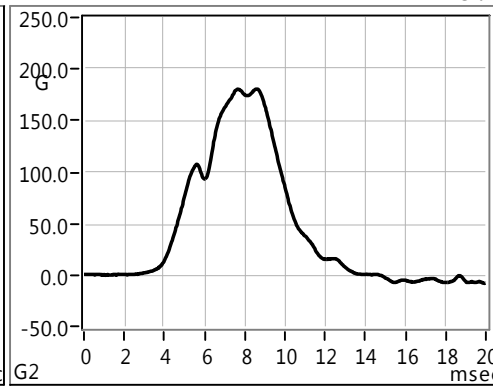
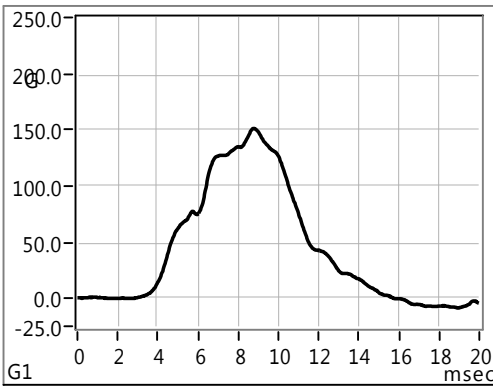
Impact Uni-Axial

Testing Laboratory : Taicang ACT Lab

Address : No. 35 Zhenghe Road, Ludu Town,
Taicang City, Suzhou, Jiangsu
Province, China 215412

Helmet Manufacturer : HENG SHENG
Address :

Laboratory Technician name : Wille
Batch Number :
Ref. P.O. Number :



Model : VR-217
Color : Black
Size : L(59-60CM)
Weight : 1445.00 g
Manufacturing Date : 22 Dec 2024
Standard Request : FMVSS 218
Identification Code : 711.18936.002-D
Headform Model : D.O.T.
Headform Size : C D.O.T
Conditioning : Wet
Laboratory Temperature : 22 deg C
Laboratory Humidity : 57 %
Selected Filter Frequency : 1650 Hz
Maximum Peak G's authorized : 400 G
Maximum Peak m/s² authorized : 3923 m/s²
Drop mass assembly : 4.969 kg
Time gate flag height : 25.63 mm
Acc. sensibility (axis Z) : 10.61

Impact #	Peak Acc.(G)	HIC	Velocity IN (m/sec)	Drop Height (cm)	Anvil type	Delta T 150G (msec)	Delta T 200G (msec)	Position	Test Date	Test Time	Friction (%)	PASS or FAIL
1	150.9	837	5.9887	192.0	FLAT	0.23	0.00	RT FRONT	2024-12-22	09:11:57	2.4	Pass
2	180.4	1164	6.0271	192.0	FLAT	2.48	0.00	RT FRONT	2024-12-22	09:12:08	1.8	Pass
3	153.7	931	5.9755	192.0	FLAT	0.27	0.00	LF REAR	2024-12-22	09:15:14	2.6	Pass
4	212.6	1552	5.9684	192.0	FLAT	3.08	1.19	LF REAR	2024-12-22	09:15:23	2.7	Pass

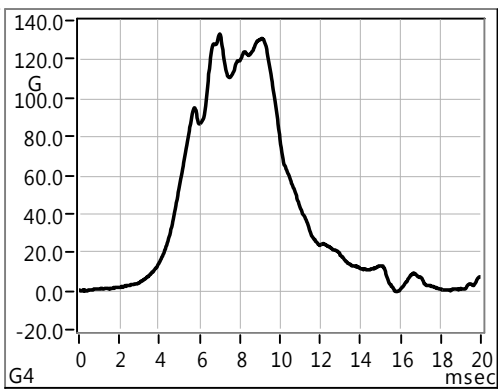
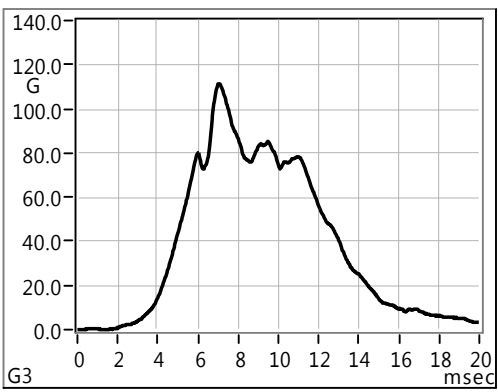
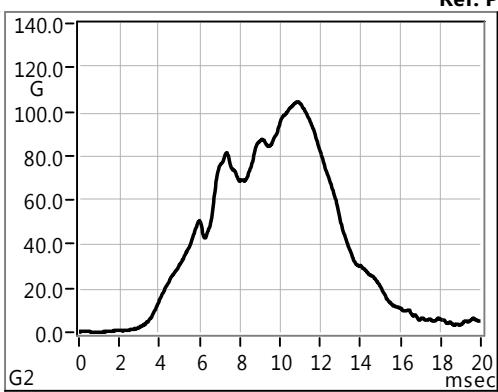
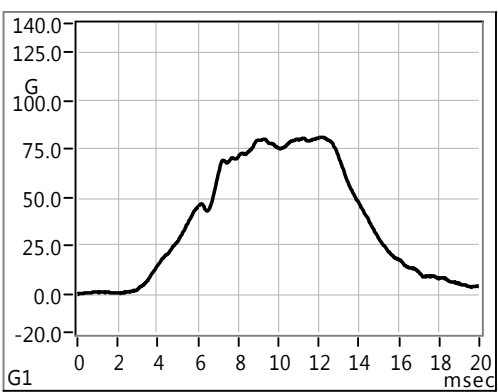
Impact Uni-Axial

Testing Laboratory : Taicang ACT Lab

Address : No. 35 Zhenghe Road, Ludu Town,
Taicang City, Suzhou, Jiangsu
Province, China 215412

Helmet Manufacturer : HENG SHENG
Address :

Laboratory Technician name : Wille
Batch Number :
Ref. P.O. Number :



Model : VR-217
Color : Black
Size : L(59-60CM)
Weight : 1445.00 g
Manufacturing Date : 22 Dec 2024
Standard Request : FMVSS 218
Identification Code : 711.18936.002-D
Headform Model : D.O.T.
Headform Size : C D.O.T
Conditioning : Wet
Laboratory Temperature : 22 deg C
Laboratory Humidity : 57 %
Selected Filter Frequency : 1650 Hz
Maximum Peak G's authorized : 400 G
Maximum Peak m/s2 authorized : 3923 m/s2
Drop mass assembly : 4.969 kg
Time gate flag height : 25.63 mm
Acc. sensibility (axis Z) : 10.61

Impact #	Peak Acc.(G)	HIC	Velocity IN (m/sec)	Drop Height (cm)	Anvil type	Delta T 150G (msec)	Delta T 200G (msec)	Position	Test Date	Test Time	Friction (%)	PASS or FAIL
5	81.0	332	5.1837	145.0	HEMI	0.00	0.00	LF FRONT	2024-12-22	09:25:47	2.8	Pass
6	104.5	393	5.2093	145.0	HEMI	0.00	0.00	LF FRONT	2024-12-22	09:25:56	2.3	Pass
7	111.4	392	5.2124	145.0	HEMI	0.00	0.00	RT REAR	2024-12-22	09:29:36	2.3	Pass
8	133.0	620	5.1944	145.0	HEMI	0.00	0.00	RT REAR	2024-12-22	09:29:45	2.6	Pass

DOT Auto – Test results

Laboratory

Laboratory ACT Lab
Technician Wille
Temperature 22
Humidity 57

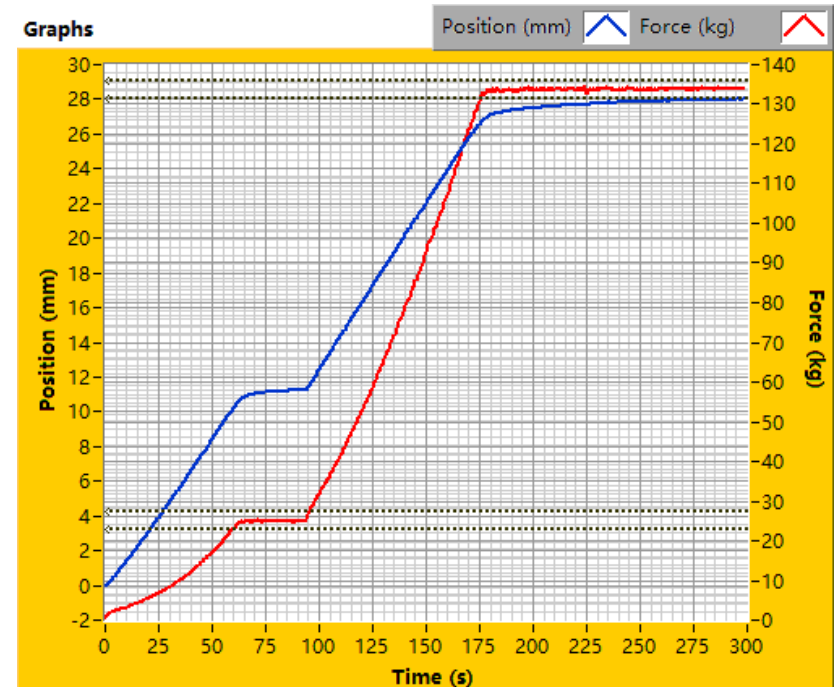
Sample

Model VR-217
Color BLACK
Size L(59-60CM)
Weight 1446
Manufacturer HENG SHENG
Manuf. Date 12/24

Infos

Standard FMVSS No.218
Comment 711.18936.002-A

Graphs



Results

Test	Time Data D/M/Y h:m:s	DL ?	Status	Tar1 (Kg)	Tar1 (S)	Tar2 (Kg)	Tar2 (S)	Delta(Del.1 to Del.2) (mm)	Pass/Fail			
Test#7	01/01/01 00:00:01	NO	Valid	22.7	30.0	136.0	120.0	16.5	Pass			

DOT Auto – Test results

Laboratory

Laboratory ACT Lab
Technician Wille
Temperature 22
Humidity 57

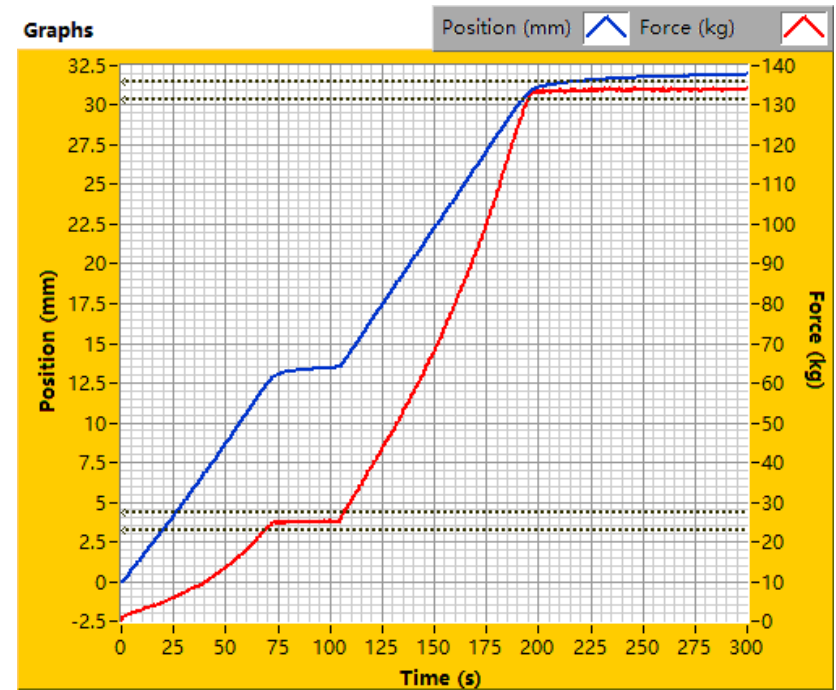
Sample

Model VR-217
Color BLACK
Size L(59-60CM)
Weight 1445
Manufacturer HENG SHENG
Manuf. Date 12/24

Infos

Standard FMVSS No.218
Comment 711.18936.002-B

Graphs



Results

Test	Time Data D/M/Y h:m:s	DL ?	Status	Tar1 (Kg)	Tar1 (S)	Tar2 (Kg)	Tar2 (S)	Delta(Del.1 to Del.2) (mm)	Pass/Fail			
Test#8	01/01/01 00:00:01	NO	Valid	22.7	30.0	136.0	120.0	18.3	Pass			

DOT Auto – Test results

Laboratory

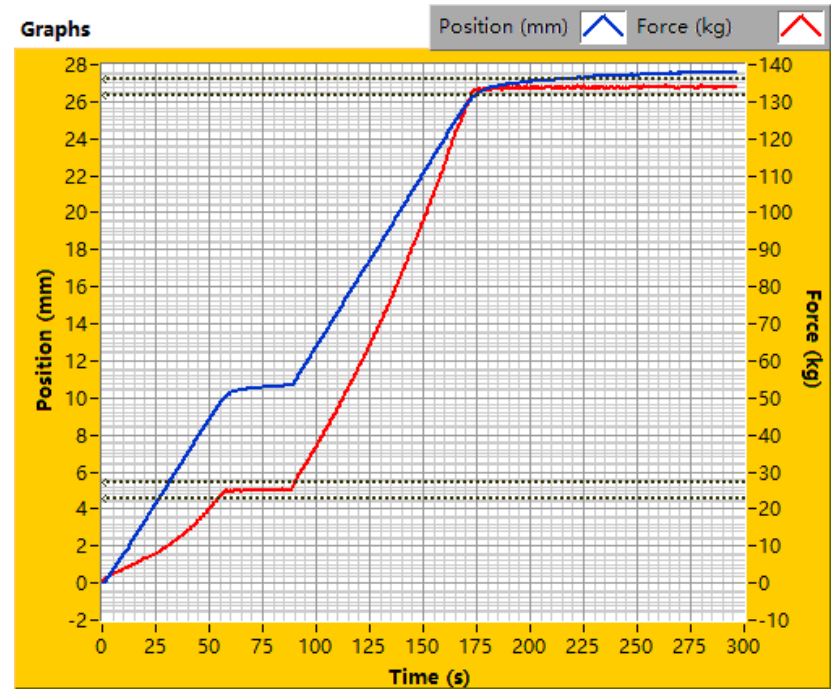
Laboratory ACT Lab
Technician Wille
Temperature 22
Humidity 57

Sample

Model VR-217
Color BLACK
Size L(59-60CM)
Weight 1447
Manufacturer HENG SHENG
Manuf. Date 12/24

Infos

Standard FMVSS No.218
Comment 711.18936.002-C



Results

Test	Time Data D/M/Y h:m:s	DL ?	Status	Tar1 (Kg)	Tar1 (S)	Tar2 (Kg)	Tar2 (S)	Delta(Del.1 to Del.2) (mm)	Pass/Fail			
Test#9	01/01/01 00:00:01	NO	Valid	22.7	30.0	136.0	120.0	16.7	Pass			

DOT Auto – Test results

Laboratory

Laboratory ACT Lab
Technician Wille
Temperature 22
Humidity 57

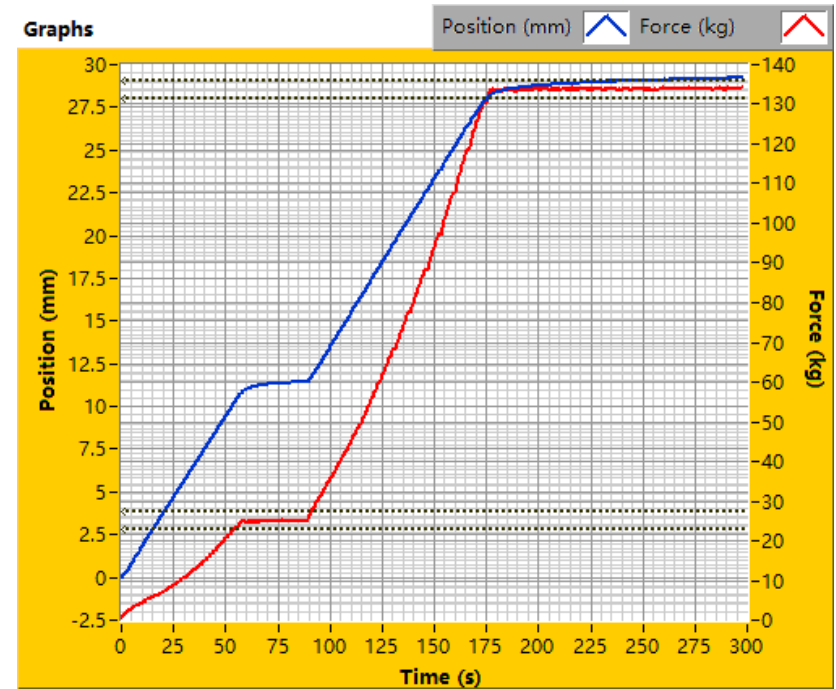
Sample

Model VR-217
Color BLACK
Size L(59-60CM)
Weight 1445
Manufacturer HENG SHENG
Manuf. Date 12/24

Infos

Standard FMVSS No.218
Comment 711.18936.002-D

Graphs



Results

Test	Time Data D/M/Y h:m:s	DL ?	Status	Tar1 (Kg)	Tar1 (S)	Tar2 (Kg)	Tar2 (S)	Delta(Del.1 to Del.2) (mm)	Pass/Fail			
Test#10	01/01/01 00:00:01	NO	Valid	22.7	30.0	136.0	120.0	17.6	Pass			

APPENDIX A

INTERPRETATIONS OR DEVIATIONS FROM FMVSS 218

1. S6.4 Conditioning: Excess water on the water immersed sample was allowed to drip off before testing to prevent water damage to test equipment.

APPENDIX B

Contract File No.: 711.18936

Test File: 002

Control Document: Official ACT FMVSS No.218 Report Template TP-07 CN 03 December 2024 Rev.37

SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/FMVSS No.218

28 of 41

Technician: Wille Wang

Test Date: 22 December 2024



EQUIPMENT LIST AND CALIBRATION SCHEDULES

EQUIPMENT LIST						
Asset Tag	Location	Description of part	Model Number	Serial Number	Verification Interval	Next Verification
H1001	Helmet Room	Fixture	Yellow Tower - 1000 00 MIMAT	NA	NA	NA
H1002	Helmet Room	Fixture	Green Tower - Series 2000	NA	NA	NA
H1011	Helmet Room	Instrument	Impact Machine System DX3000 - Green tower	NA	NA	NA
H1013	Helmet Room	Instrument	CPSC/ASTM Dynamic Strength Charge Amplifier - ATA2001 (Backup)	J72863	Yes	Daily
H1015	Helmet Room	Fixture	CPSC/ASTM Positional Stability Fixture	NA	1 year	4/28/2025
H1017	Helmet Room	Fixture	DOT Retention System Machine - SB033	NA	1 year	4/28/2025
H1034	Helmet Room	Environmental chamber	Water Immersion Container	NA	NA	NA
H1043	Helmet Room	Headform	ISO/EN960 A Partial Headform (Impact)	4272	1 year	4/28/2025
H1044	Helmet Room	Headform	ISO/EN960 C Partial Headform (Impact)	6938	1 year	4/28/2025
H1045	Helmet Room	Headform	ISO/EN960 E Partial Headform (Impact)	4146	1 year	4/28/2025
H1046	Helmet Room	Headform	ISO/EN960 J Partial Headform (Impact)	4148	1 year	4/28/2025
H1047	Helmet Room	Headform	ISO/EN960 M Partial Headform (Impact)	4131	1 year	4/29/2025
H1048	Helmet Room	Headform	ISO/EN960 O Partial Headform (Impact)	4151	1 year	4/29/2025
H1049	Helmet Room	Headform	DOT Small (Impact)	5178	1 year	4/29/2025
H1050	Helmet Room	Headform	DOT Medium (Impact)	5179	1 year	4/29/2025
H1051	Helmet Room	Headform	DOT Large (Impact)	5190	1 year	4/29/2025
H1052	Helmet Room	Drop Mass	CPSC/ASTM Spherical Impactor	NA	1 year	4/29/2025
H1054	Helmet Room	Drop Mass	ASTM/SNELL Chin Bar Impactor	NA	1 year	4/29/2025
H1055	Helmet Room	Anvil	CurbStone - CPSC/ASTM	NA	1 year	4/29/2025
H1056	Helmet Room	Anvil	Cylindrical	NA	1 year	4/29/2025
H1059	Helmet Room	Anvil	Triangular Hazard	NA	1 year	4/29/2025
H1060	Helmet Room	Anvil	Hemispherical - Yellow tower	NA	1 year	4/29/2025
H1062	Helmet Room	Anvil	Flat - Yellow tower	C240812-01	1 year	4/29/2025
H1091	Helmet Room	Fixture	40° Up Vision Angle Block	NA	1 year	4/30/2025
H1092	Helmet Room	Clamp	Split Ring Clamp - 119g	NA	1 year	4/30/2025
H1093	Helmet Room	Clamp	Split Ring Clamp - 210g	NA	1 year	4/30/2025
H1094	Helmet Room	Clamp	Split Ring Clamp - 378g	NA	1 year	4/30/2025
H1095	Helmet Room	Clamp	Split Ring Clamp - 451g	NA	1 year	4/30/2025
H1096	Helmet Room	Clamp	Split Ring Clamp - 505g	NA	1 year	4/30/2025
H1097	Helmet Room	Clamp	Split Ring Clamp - 597g	NA	1 year	5/6/2025
H1098	Helmet Room	Clamp	Split Ring Clamp - 1158g	NA	1 year	5/6/2025
H1099	Helmet Room	Anvil	Flat - Green tower	NA	1 year	5/6/2025
H1100	Helmet Room	Anvil	Hemispherical - Green tower	NA	1 year	5/6/2025
H1101	Helmet Room	Headform	DOT Small (Reference)	NA	1 year	5/6/2025
H1102	Helmet Room	Headform	DOT Medium (Reference)	NA	1 year	5/6/2025
H1103	Helmet Room	Headform	DOT Large (Reference)	NA	1 year	5/6/2025
H1105	Helmet Room	Drop Mass	Aluminum Ball Stem - Green tower	NA	1 year	5/6/2025
H1106	Helmet Room	Drop Mass	Steel Ball Stem	NA	1 year	5/6/2025
H1107	Helmet Room	Drop Mass	Magnesium Ball Stem	NA	1 year	5/6/2025
H1126	Helmet Room	Drop Mass	Complete Pistol Grip - Green tower	NA	1 year	5/6/2025
H1127	Helmet Room	Headform	ISO/EN 960 C Full Headform (Reference)	6947	1 year	5/6/2025
H1128	Helmet Room	Headform	DOT Small (Penetration)	NA	1 year	5/6/2025
H1129	Helmet Room	Headform	DOT Medium (Penetration)	NA	1 year	5/6/2025
H1130	Helmet Room	Headform	DOT Large (Penetration)	NA	1 year	5/6/2025
H1143	Helmet Room	Fixture	DOT Brow Opening 1 Inch Block	NA	1 year	5/6/2025
H1146	Helmet Room	Fixture	DOT Penetration Height Stick	NA	1 year	7/23/2025
H1149	Helmet Room	Mass	Testing Area Preload Ballast	NA	1 year	5/6/2025
H1150	Helmet Room	Drop Mass	10kg Positional Stability Drop Mass	NA	1 year	5/6/2025
H1178	Helmet Room	Drop Mass	Complete Pistol Grip - Yellow tower	NA	1 year	5/9/2025
H1179	Helmet Room	Drop Mass	Aluminum Ball Stem - Yellow tower	NA	1 year	5/9/2025
H1189	Helmet Room	Drop Mass	DOT Penetration Striker Tip	070622-03	1 year	7/23/2025
H1196	Helmet Room	Fixture	DOT Retention Machine Static Load - SB033	NA	1 year	5/9/2025
H1197	Helmet Room	Fixture	DOT Retention LVDT Calibration Block	NA	1 year	11/26/2025
H1204	Helmet Room	Drop Mass	Complete Pistol Grip - Yellow tower (Backup)	120122-07	1 year	5/9/2025
H1205	Helmet Room	Drop Mass	Ball Stem - Yellow tower (Backup)	NA	1 year	5/9/2025
H1213	Helmet Room	Fixture	CPSC/ASTM Dynamic Retention Strength Fixture	NA	1 year	11/26/2025
H1229	Helmet Room	Fixture	Penetration Tube	NA	1 year	7/23/2025

Contract File No.: 711.18936

Test File: 002

Control Document: Official ACT FMVSS No.218 Report Template TP-07 CN 03 December 2024 Rev.37

SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/FMVSS No.218

Technician: Wille Wang

Test Date: 22 December 2024



EQUIPMENT LIST CONTINUED

Asset Tag	Location	Description of part	Model Number	Serial Number	Verification Interval	Next Verification
H1057	Helmet Room	Anvil	Edge	NA	1 year	4/29/2025
H1058	Helmet Room	Anvil	Equestrian Hazard	NA	1 year	4/29/2025
H1061	Helmet Room	Anvil	Skate Blade	NA	1 year	4/29/2025
H1030	Helmet Room	Environmental chamber	Oven #1 - 92*9240MBE	Oven #1 - 92*9240MBE	NA	NA
H1031	Helmet Room	Environmental chamber	Oven #2 - DHG-9426	Oven #2 - DHG-9426	NA	NA
H1032	Helmet Room	Environmental chamber	Freezer #1 - DW-25W300	Freezer #1 - DW-25W300	NA	NA
H1033	Helmet Room	Environmental chamber	Freezer #2 - DW-50W225	Freezer #2 - DW-50W225	NA	NA
H1190	Helmet Room	Environmental chamber	Oven - KH-120A	2201-020	NA	NA
H1026	Helmet Room	Fixture	Laser Table - SB005	Laser Table - SB005	NA	NA
H1174	Helmet Room	Anvil	MEP Pad	MEP Pad	1 year	5/8/2025
H1210	Helmet Room	Fixture	Peripheral Vision	NA	1 year	11/26/2025
H1254	Helmet Room 2	Fixture	Mono-Rail Impact Tower 3-1000 00 MIMAT	030223-01	1 Year	2/8/2025
H1278	Helmet Room 2	Anvil	Flat Anvil	092722-10	1 Year	4/9/2025
H1279	Helmet Room 2	Anvil	Kerbstone Anvil	092722-12	1 Year	4/9/2025
H1282	Helmet Room 2	Drop Mass	Pistol Grip (New tower)	120122-09	1 year	4/9/2025

Contract File No.: 711.18936

Test File: 002

Control Document: Official ACT FMVSS No.218 Report Template TP-07 CN 03 December 2024 Rev.37

SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/FMVSS No.218

Technician: Wille Wang

Test Date: 22 December 2024



CALIBRATED MEASUREMENT DEVICES						
Asset Tag	Model Number	Measuring Range	Accuracy	Serial Number	Last Calibrated On	Calibration Due On
H1003	Velocity Gate - Yellow tower	0-8.5m/s	±0.0001m/s	HVTG120120810-1	10/29/2024	10/28/2025
H1004	Velocity Gate - Green tower	0-8.5m/s	±0.0001m/s	HVTG120090331-1	2/22/2024	2/21/2025
H1006	Accelerometer PCB 353B18 - Yellow & Green tower	±500g	±0.1%	131607	2/22/2024	2/21/2025
H1007	Accelerometer PCB 353B18 - Green tower	±500g	≤1%	86079	10/7/2024	10/6/2025
H1010	CCS PC4300 - Green tower	±500g	±0.1%	CCS120090331-1	2/22/2024	2/21/2025
H1012	CPSC/ASTM Dynamic Strength LVDT - C20101007753 (Backup)	2 Inch	±0.1%	C20101007753	11/22/2023	11/21/2024
H1025	Electronic Scale - BT-6	0-6kg	±0.1g	12230126	7/15/2024	7/14/2025
H1036	Hygrothermograph #1 - TH-602F	-30~60°C, 0-100%	±1°C	3238	7/16/2024	7/15/2025
H1063	Digital tape - 5m	0-5m	±0.1mm	78223	11/27/2023	11/26/2024
H1299	Digital Tape - eTape16 G1	0-5m	±1mm	NA	10/29/2024	10/28/2025
H1064	CCS PC4400 - Yellow tower	±500g	±0.1%	CCS120120810-1	10/29/2024	10/28/2025
H1070	DOT Retention System Load Cell - 9363-B10-300-20T1	0-300lb	±0.1kg	80310843	7/15/2024	7/14/2025
H1072	Hygrothermograph #4 - TH600B	-20~100°C, 0-100%	±1°C	Q/MDS001-2017-2	7/16/2024	7/15/2025
H1073	Height Gauge	0-500mm	±0.01mm	8811213838273610	11/22/2023	11/21/2024
H1075	Digital Level - SPI TRONIC Pro 360	0-360°	±0.1°	31-038-3	11/27/2023	11/26/2024
H1076	Calorifier - CN-111	18-35°C	±0.1°C	NA	11/23/2023	11/22/2024
H1077	ACT Tape	0-1.5m	±1mm	NA	11/27/2023	11/26/2024
H1117	Helmet Internal Circumference Measure Tool	49-62cm	±1mm	NA	11/26/2023	11/25/2024
H1172	Height Measurement Rod #6	600±5mm	±1mm	032216-02	6/24/2022	6/23/2025
H1180	CPSC/ASTM LVDT & Sensor Box	2 Inch	±0.1%	04140748-001	11/22/2023	11/21/2024
H1184	Accelerometer PCB 353B18 - Yellow tower	±500g	≤1%	LW226664	10/7/2024	10/6/2025
H1193	I-square	150*100mm	±1mm	SJT-43008	11/27/2023	11/26/2024
H1194	Triangular Ruler	190mm	±1mm	SJT-43111	11/27/2023	11/26/2024
H1198	LVDT Volfa LWE-200 (Head) - DOT Retention	0-200mm	±0.05%	NA	2/28/2024	2/27/2025
H1199	LVDT Volfa LWE-200 - DOT Retention Machine	0-200mm	±0.05%	NA	2/28/2024	2/27/2025
H1200	VPG load cell - 9363-B10-500-20T1 - DOT Retention Machine	0-500lb	±0.1kg	90139705	2/28/2024	2/27/2025
H1214	DOT Retention System LVDT (Head) - LWE-200	0-50mm	±0.05%	27008-10	4/11/2024	4/10/2025
H1216	Digital Vernier Caliper - GLA13S	0-300mm	0~200mm: ±0.03mm; 200~300mm: ±0.04mm	K23D014332	4/11/2024	4/10/2025
H1249	LVDT Volfa LWE-200	0-200mm	±0.05%	210015004	11/22/2023	11/21/2024
H1287	Temperature Logger	-40°C~85°C, 5%RH~99%RH	±0.3°C (15°C~20°C), ±0.5°C (20°C~30°C), ±3%RH (40%~60%), ±4%RH (60%~80%)	D13000017	4/2/2024	4/1/2025
H1288	Temperature Logger	-40°C~85°C, 5%RH~99%RH		D13000014	4/2/2024	4/1/2025
H1289	Temperature Logger	-40°C~85°C, 5%RH~99%RH		D13000011	4/2/2024	4/1/2025
H1290	Temperature Logger	-40°C~85°C, 5%RH~99%RH		D13000018	4/2/2024	4/1/2025
H1291	Temperature Logger	-40°C~85°C, 5%RH~99%RH		D13000020	4/2/2024	4/1/2025
H1292	Temperature Logger	-50°C~70°C	±1°C	6927148600180	4/2/2024	4/1/2025
H1262	Accelerometer PCB 356B21	50-2,000g	±0.1g	LW347345	5/13/2024	5/13/2025
H1264	CCS Box PC4400 (tower 3)	±500g	≤ 1%	CCS120221216-1	5/8/2024	5/7/2025
H1266	Velocimeter-2 (tower 3)	0-8.5m/s	±0.0001m/s	HVTG120221216-2	5/8/2024	5/7/2025

Contract File No.: 711.18936

Test File: 002

Control Document: Official ACT FMVSS No.218 Report Template TP-07 CN 03 December 2024 Rev.37

SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/FMVSS No.218

Technician: Wille Wang

Test Date: 22 December 2024

APPENDIX C

PHOTOGRAPHS

Contract File No.: 711.18936

Test File: 002

Control Document: Official ACT FMVSS No.218 Report Template TP-07 CN 03 December 2024 Rev.37

SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/FMVSS No.218

32 of 41

Technician: Wille Wang

Test Date: 22 December 2024



Impact attenuation test apparatus and data acquisition equipment



Retention system test apparatus



DOT headforms (S, M, L) with flat and hemispherical anvils



Penetration test apparatus with adjustable base



High temperature conditioning chamber



High temperature conditioning chamber



Water immersion equipment

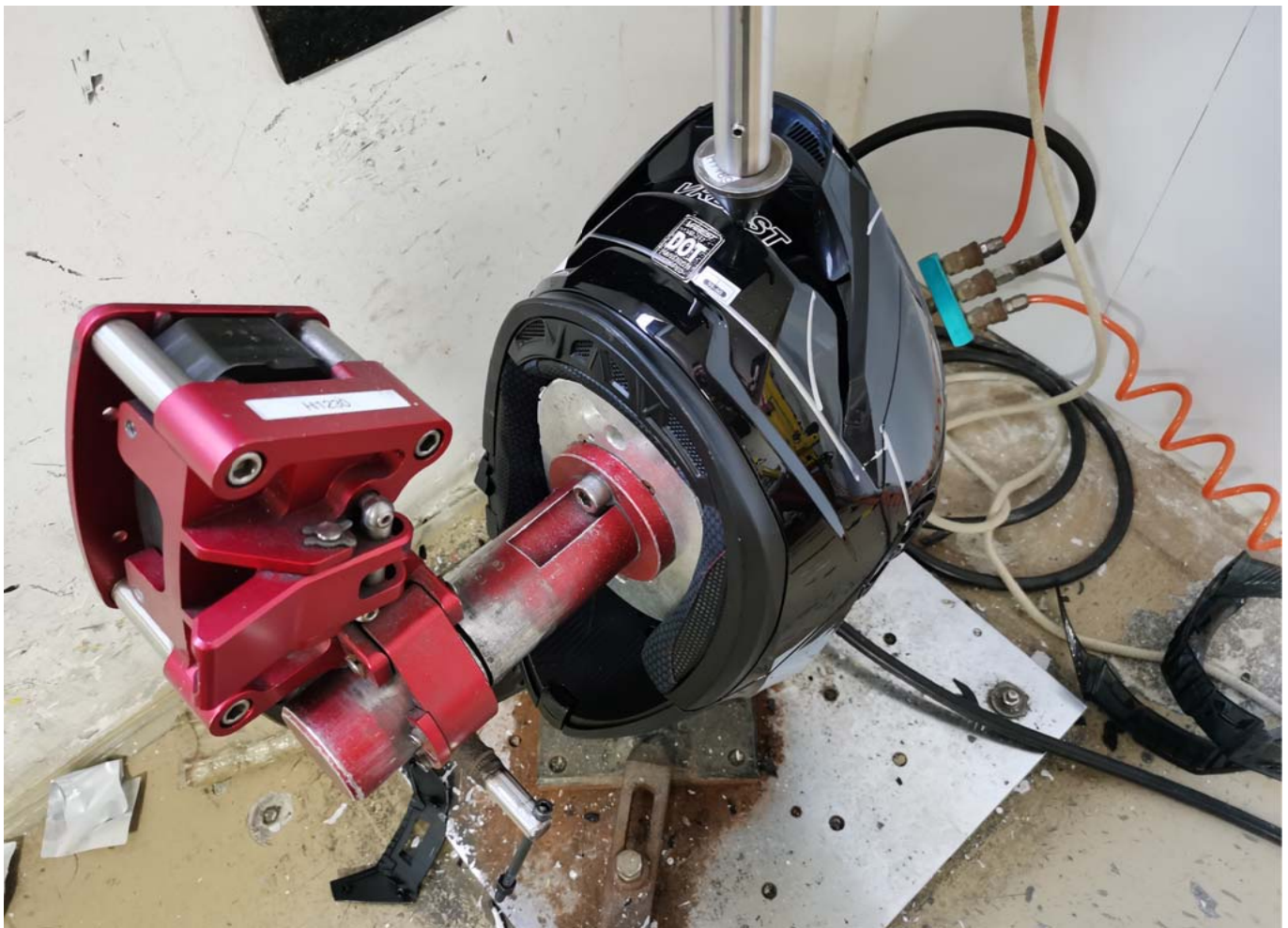


Low temperature conditioning chambers











Size:	159-60cm
Manufacturer:	Yueqing Hangsheng Motorcycles Fittings Co., Ltd
Date of Manufacture:	2004.12.1



Size:	159-60cm
Manufacturer:	Yueqing Hangsheng Motorcycles Fittings Co., Ltd
Date of Manufacture:	2004.12.1

WARNING

No helmet can protect the user against all possible impacts, and serious injury or death may occur while wearing helmet.

To provide maximum protection. The helmet must:

1. Fit snugly enough to move your skin and scalp when you try to move helmet on your head with chin strap fastened. Test by attempting to move helmet from side to side. And from rear edge upwards and forward. Helmet should not move on your head. It should not roll upwards or come off when lifted from rear edge.
2. Must allow adequate peripheral vision, especially when worn with goggles or eye protection. Tinted goggles or face shields should not be worn at night or in any condition of poor visibility.
3. Helmet can be seriously damaged by some common substances without damage being visible to the user. If helmet experiences a severe blow, return it to the manufacturer for inspection, or destroy it and replace it.
4. Helmet should be replaced after five years. The helmets are made of materials which deteriorate with age and have a limited lifespan.
5. Made no modifications, Fasten helmet securely.
6. Apply only the following: Clean your helmet with mild soap and water or a solution of bicarbonate Of soda for the liner and automotive wax or polish for the outer shell.
7. This shell is constructed of ABS plastic, Fiberglass, and liner is constructed of polystyrene

IMPORTANT: Review your helmet owner's manual for additional information on proper fit, care and storage prior to using your helmet.

DATE OF MANUFACTURE:

YUEQING HENGSHENG MOTORCYCLE FITTINGS CO., LTD

BUILDING E, NO. 2555 NINGKANG EAST ROAD, SHIFAN STREET, YUEQING CITY, WENZHOU
CITY, ZHEJIANG, P.R CHINA



NOTICE

1. The report is not effective without the signature of the person(s) authorizing the report (ACT Lab's authorized signatory is John A. Bogler (President)).
2. The report is not valid if altered.
3. Claims have to be made within 15 days after receipt of this report.
4. The results of this test report relate only to the items tested.
5. The results apply to the samples as received.
6. For reports that contain results from external test service providers: Results from external test service providers are supplied by the customer and can affect validity of results.
7. The results of this test report apply ASTM E29:2022 - Rounding Method, unless otherwise requested or noted within the report.
8. Decision rule applied according to "ILAC-G8:09/2019 - Guidelines on the Reporting of Compliance with Specification".

END OF REPORT

Contract File No.: 711.18936

Test File: 002

Control Document: Official ACT FMVSS No.218 Report Template TP-07 CN 03 December 2024 Rev.37

SharePoint/GlobalResourceLibrary/Reporting/ReportTemplates/Helmets/FMVSS No.218

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Test Date: 22 December 2024