



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED OF A TYPE OF PROTECTIVE
HELMET WITH ONE VISOR TYPE(S) PURSUANT TO UN REGULATION NO. 22.06



Approval No: E11*22R06/01*0781*00

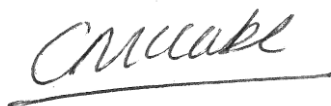
Reason(s) for Extension: Not applicable

1. Trade mark: Y, YOHE, SHAFT, MT, ONEAL, LAZER, NOX, BILT, LZR, SPYDER, SPY, RAPIDO, CASTLE, STREET RACER, PUNTO EXTREMO, GP23, TX2, IXS, ACERBIS
2. Type: MX632-1
3. Sizes: XS (53-54); S (55-56); M (57-58); L (59-60); XL (61-62); XXL (63-64) XXXL (65-66)
4. Manufacturer's name:

Foshan City Nanhai Yongheng Helmet Manufacturing Co., Ltd.
5. Address:

Yannan Industrial Area, Longgao Road
Jiujiang Town, Nanhai, Foshan City,
Guangdong
China
6. If applicable, name of manufacturer's representative: Not applicable
7. Address: Not applicable

8. Brief description of helmet: See Manufacturer's documentation
9. Helmet with protective lower face cover (P)
10. Type of visor or visors: 632A Visor
11. Brief description of visor or visors: See Manufacturer's documentation
12. Submitted for approval on: 30 November 2021
13. Technical service responsible for conducting approval tests: Omega S.r.l
14. Date of report issued by that service: 01 December 2021
15. Number of report issued by that service: XSY002183
16. Comments: MX632A-SV
17. Approval GRANTED
18. Place: BRISTOL
19. Date: 08 JULY 2022
20. Signature:



C MCCABE
Chief Technical and Statutory Operations Officer

21. The following documents, bearing the approval number shown above, are available on request



Vehicle
Certification
Agency

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

APPROVAL NUMBER: E11*22R06/01*0781*00

INFORMATION PACKAGE CONTENTS

INDEX REVISION NUMBER: Not applicable

Conformity of Production (COP) Declaration COP Confirmed

Assessment Method Compliance Statement

Date of Initial Clearance March 2019

Date of Last Clearance March 2022

Total number of sheets: 22 (Twenty-two)

Reasons for Revision: Not applicable

Revision Date
&
Office Stamp

XS002183

An executive agency of the Department for Transport
July 2021 Revision 2
Page 1 of 1



INFORMATION DOCUMENT

No.: R22- MX632-1 -00



FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.

TYPE: MX632-1

Protective helmet with visor
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:

Date: 23.12.2021

Total Page: 22



INFORMATION DOCUMENT

R22-MX632-1-00

Type : MX632-1
Manufacturer : FOSHAN CITY NANHAI YONGHENG HELMET
MANUFACTURING CO., LTD

Date:23.12.2021

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0 GENERAL INFORMATION

- 0.1 Make (trade name of manufacturer) : Y, YOHE, SHAFT, MT, ONEAL, LAZER, NOX, BILT, LZR, SPYDER, SPY, RAPIDO, CASTLE, STREET RACER, PUNTO EXTREMO, GP23, TX2, IXS, ACERBIS
- 0.2 Type : MX632-1
- 0.2.1 Commercial description : MX632A, SIERRA, N312, 370DV, 2SRS
- 0.3 Variants / Versions : Version 1: Helmet without a visor and a sun shade (MX632-1)
Version 2: Helmet with a visor and a sun shade (MX632A)
- 0.4 Name and address of manufacturer : FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.
Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong, China
- 0.5 Name and address of assembly plant : FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.
Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong, 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 chin strap, see Annex 5

1 TECHNICAL DESCRIPTION

- 1.1 Description of the helmet
- 1.1.1 Type of helmet : Full face
- 1.1.2 Type of lower face cover : "P" protective
- 1.1.3 Size (s) : Version 1 helmet/ Version 2 helmet XS (53/54), S (55/56), M (57/58), L (59/60), XL (61/62), XXL (63/64), XXXL (65/66)
- 1.1.4 Drawing of the helmet : See annex 1
- 1.1.5 Type(s) of visors to which may be equipped with this helmet : 632A Visor (For Version 2)
- 1.2 Description of the visor : Visor type: 632A Visor
- 1.3 Description of the shell
- 1.3.1 Material : ABS
- 1.3.2 Manufacture method : 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
- 1.4 Description of protective padding
- 1.4.1 Composition : Expanded polystyrene



1.4.2 Density :
 Version 1 helmets:

Size (cm)	Shell Size	Protective padding Density (Main + Top + Ear+Mouth) (Kg/m ³)	Protective padding Thickness (mm)	Protective padding Weight (Main + Top + Ear+Mouth) (grams)
XS (53/54)	L	40+20+60+70	35-42	108+13+62+14
S (55/56)	L	40+20+60+70	35-42	108+13+62+14
M (57/58)	L	40+20+60+70	35-42	108+13+62+14
L (59/60)	L	55+20+75+70	32-41	138+13+76+14
XL (61/62)	L	55+20+75+70	32-41	138+13+76+14
XXL (63/64)	L	55+20+75+70	32-41	138+13+76+14
XXXL (65/66)	L	55+20+75+70	32-41	138+13+76+14

Version 2 helmets:

Size (cm)	Shell Size	Protective padding Density (Main + Top + Ear+Mouth) (Kg/m ³)	Protective padding Thickness (mm)	Protective padding Weight (Main + Top + Ear+Mouth) (grams)
XS (53/54)	L	40+20+65+80	35-42	95+13+62+9
S (55/56)	L	40+20+65+80	35-42	95+13+62+9
M (57/58)	L	40+20+65+80	35-42	95+13+62+9
L (59/60)	L	55+20+75+80	32-41	119+13+68+9
XL (61/62)	L	55+20+75+80	32-41	119+13+68+9
XXL (63/64)	L	55+20+75+80	32-41	119+13+68+9
XXXL (65/66)	L	55+20+75+80	32-41	119+13+68+9

Drawing of the protective padding : See annex 3

1.4.3

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 : EPS and compound sponge
 Lower face cover : EPS and PC
- 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 : Version 1 helmets/ Version 2 helmets:
 Type 1: Quick release mechanism
 Type 2: Double "D" ring

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



INFORMATION DOCUMENT

R22-MX632-1-00

Type : MX632-1
Manufacturer : FOSHAN CITY NANHAI YONGHENG HELMET
MANUFACTURING CO., LTD

Date:23.12.2021

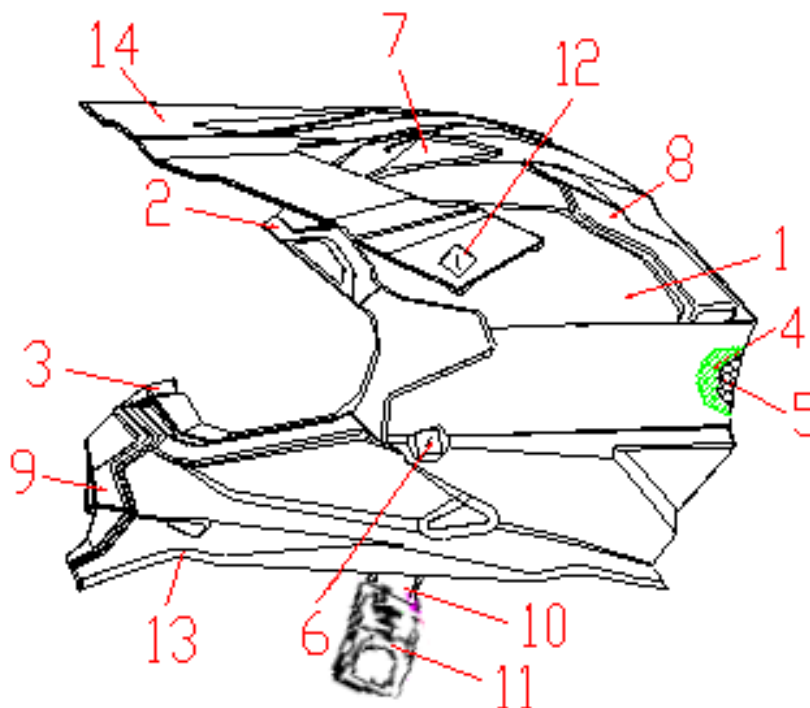
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1.6.5	Drawing of the retention system	: See annex 5
1.7	Other Characteristics	
1.7.1	Markings	
	Make	: Rear part of the shell
	Weight	: Rear part of the shell
	Size	: Rear part of the shell
1.7.2	Indelible marking	
	How it is made	: Sewing
	Position	: 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	: Weave inside rear part of the padding

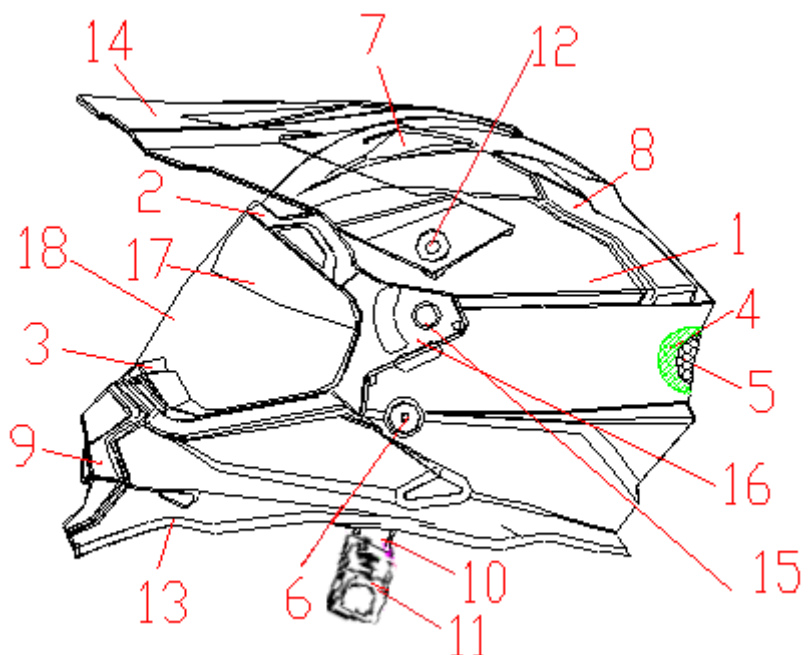
ANNEXS

Annex 1	Drawing of the helmet MX632-1 helmet (Version 1) MX632A helmet (Version 2) Way of fixing visor to the helmet	23.12.2021 23.12.2021 23.12.2021
Annex 2	Drawing of the shell MX632-1 shell (Version 1) MX632A Shell (Version 2)	23.12.2021 23.12.2021
Annex 3	Drawing of the protective padding MX632-1 Large Main protective padding (Suit for L-XXXL sizes of Version 1) MX632-1 Medium Main protective padding (Suit for XS-M sizes of Version 1) MX632-1 Ear protective padding (Suit for XS-XXXL sizes of Version 1) MX632-1 Mouth protective padding (Suit for Version 1) MX632A Large Main protective padding (Suit for L-XXXL sizes of Version 2) MX632A Medium Main protective padding (Suit for XS-M sizes of Version 2) MX632A Ear protective padding (Suit for XS-XXXL sizes of Version 2) MX632A Mouth protective padding (Suit for Version 2) MX632-1 Top protective padding (Suit for Version 1/Version 2)	23.12.2021 23.12.2021 23.12.2021 23.12.2021 23.12.2021 23.12.2021 23.12.2021 23.12.2021 23.12.2021
Annex 4	Drawing of the comfort padding	23.12.2021
Annex 5	Drawing of the retention system MX632-1/ MX632A Retention system (Quick release buckle) MX632-1/ MX632A Retention system (Double "D" ring)	23.12.2021 23.12.2021
Annex 6	Information for wearer	23.12.2021



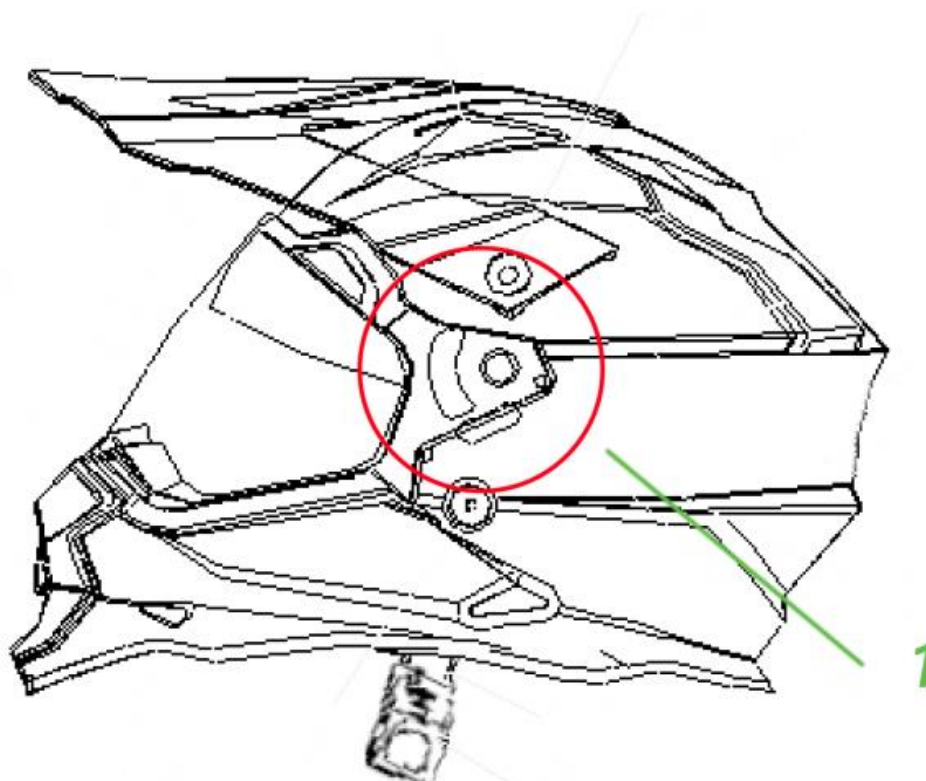
Annex 1: Drawing of the helmet


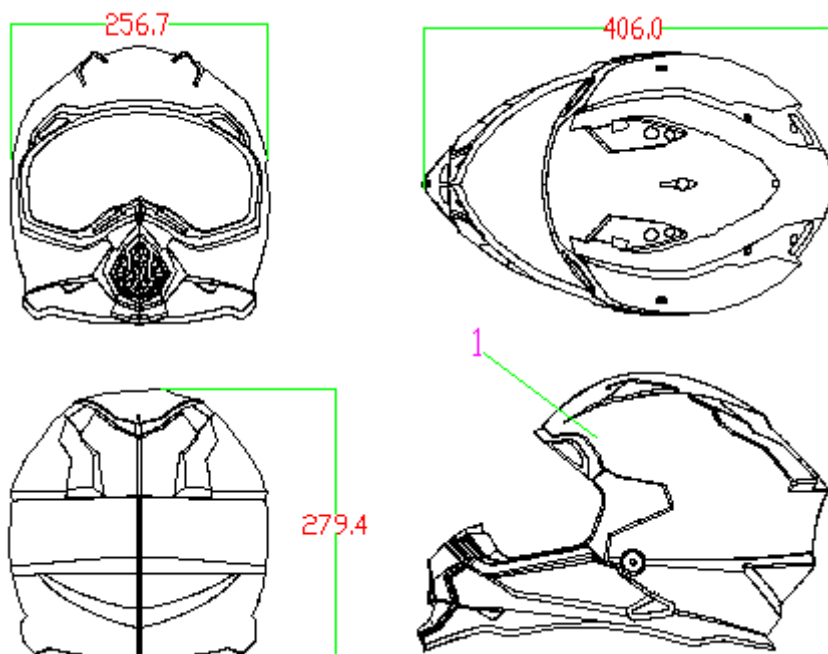
Number	Name	Material	Number	Name	Material
1	Shell	ABS	8	Rear air vents	ABS
2	Upper rubber trim	PVC	9	Mouth vents	ABS
3	Bparts	PE	10	Chin strap	Nylon
4	Comfort padding	Compound sponge and cloth	11	Quick release mechanism	Polycarbonate + Steel
5	Protective padding	Expanded polystyrene	12	Screw	Steel
6	Rivet	Steel	13	Edge trim	PVC
7	Front upper vents	ABS	14	Hat brim	PP
Description	MX632-1 helmet (Version 1)		Code No.:	MX632-1.1	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li Meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021



Number	Name	Material	Number	Name	Material
1	Shell	ABS	10	Chin strap	Nylon
2	Upper rubber trim	PVC	11	Quick release mechanism	Polycarbonate + Steel
3	B parts	PE	12	Screw	Steel
4	Comfort padding	Compound sponge and cloth	13	Edge trim	PVC
5	Protective padding	Expanded polystyrene	14	Hat brim	PP
6	Rivet	Steel	15	Screw	Steel
7	Front upper vents	ABS	16	Visor Base	POM
8	Rear air vents	ABS	17	Inner visor	PC
9	Mouth vents	ABS	18	Visor	PC
Description	MX632A helmet (Version 2)		Code No.:	MX632-1.2	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021

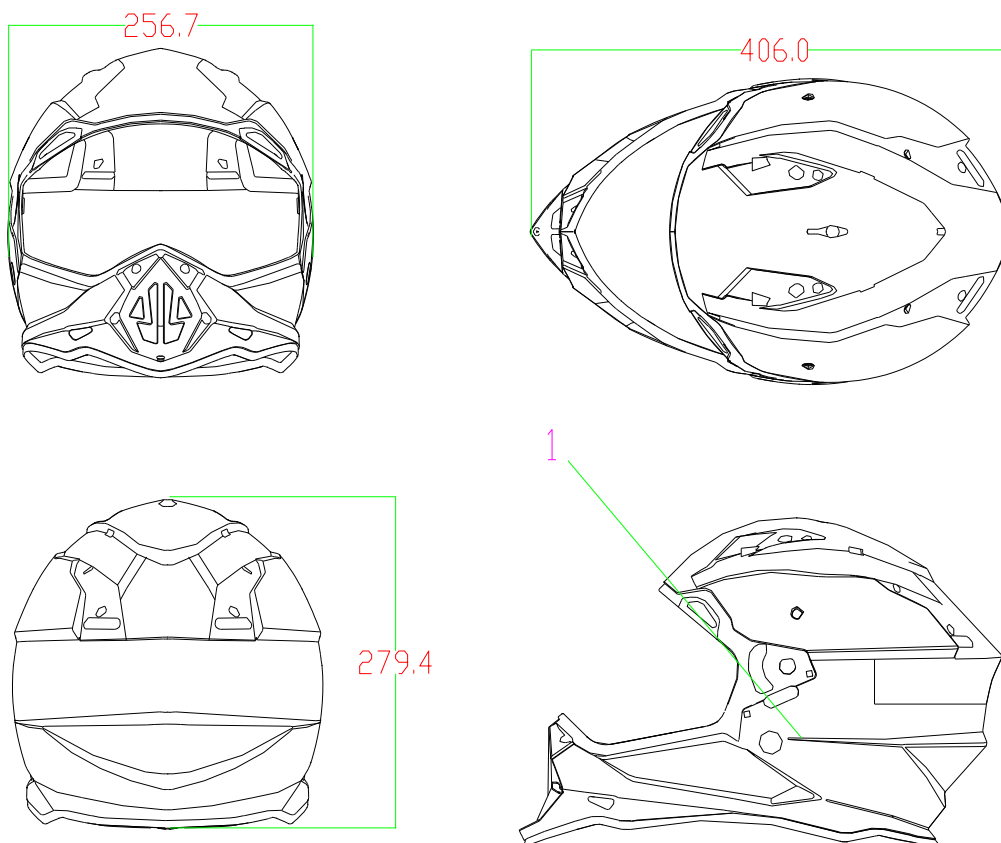
Way of fixing visor to the helmet



Annex 2: Drawing of the shell


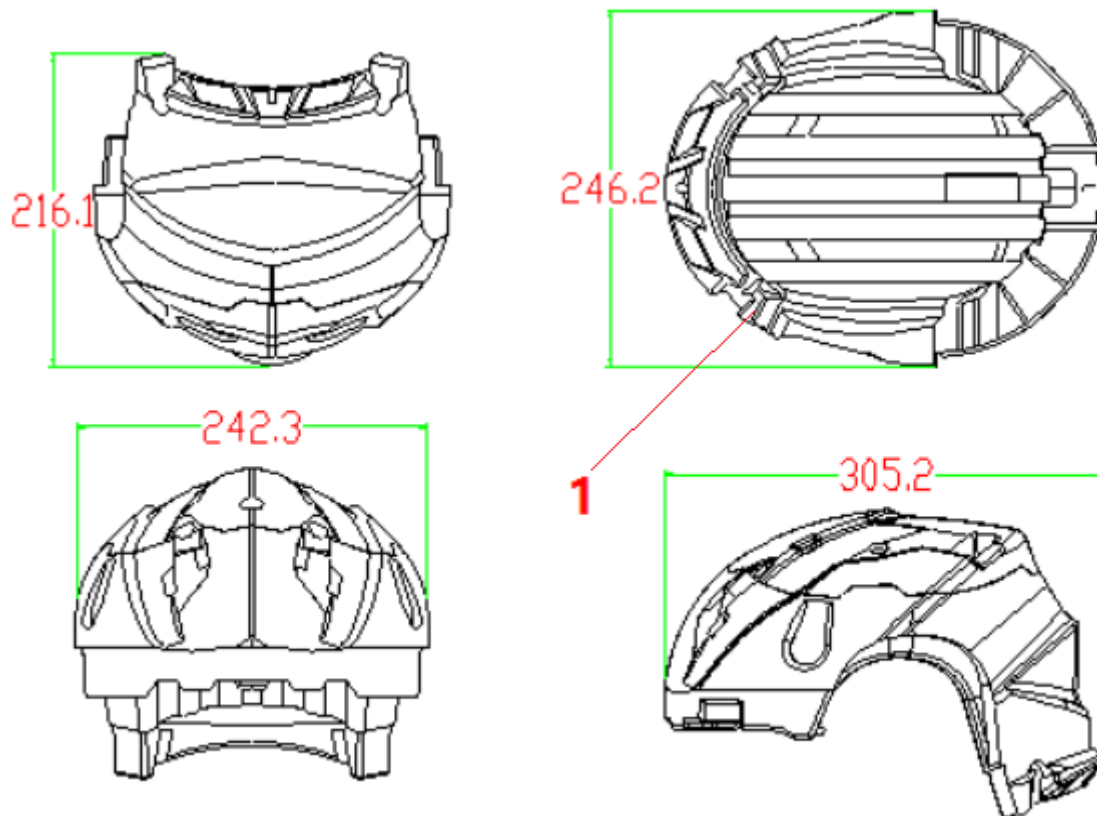
Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Shell	ABS			
Description	MX632-1 Shell (Version 1)		Code No.:	MX632-1.3	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li Meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021



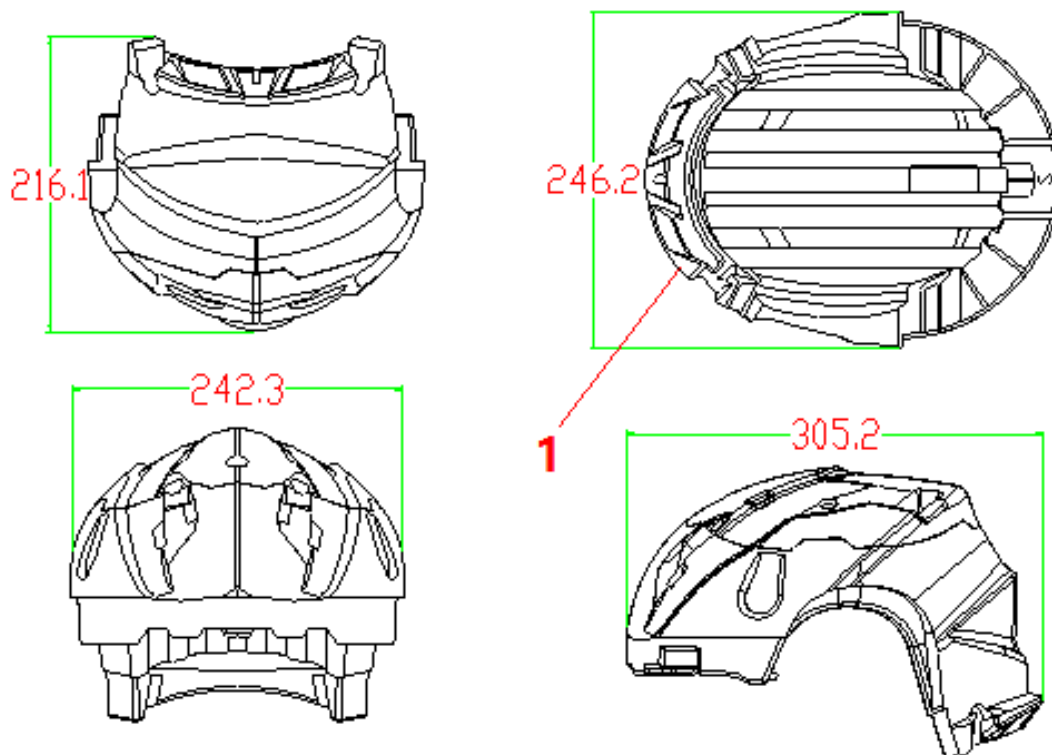
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Number	Name	Parameter	Number	Name	Parameter
1	Shell	ABS			
Description	MX632A Shell (Version 2)		Code No.:	MX632-1.4	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021

Annex 3: Drawing of the Main protective padding


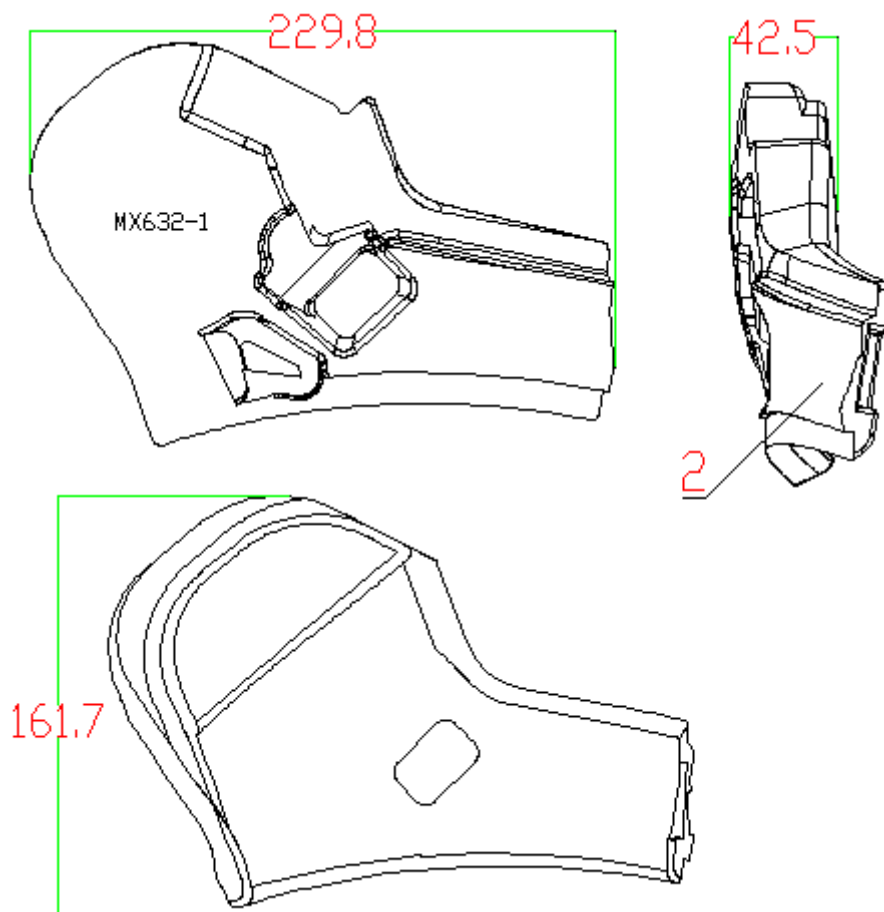
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Number	Name	Parameter	Number	Name	Parameter
1	Main Protective padding	Expanded polystyrene			
Description	MX632-1 Large Main protective padding (Suit for L-XXXL sizes of Version 1)		Code No.:	MX632-1.5	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li Meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021



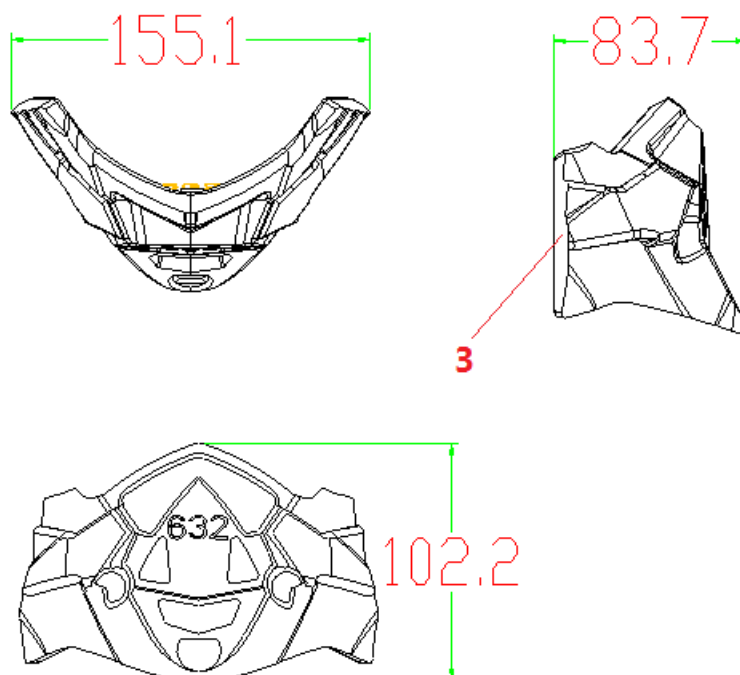
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Number	Name	Parameter	Number	Name	Parameter
1	Main Protective padding	Expanded polystyrene			
Description	MX632-1 Medium Main protective padding (Suit for XS-M sizes of Version 1)		Code No.:	MX632-1.6	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li Meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021



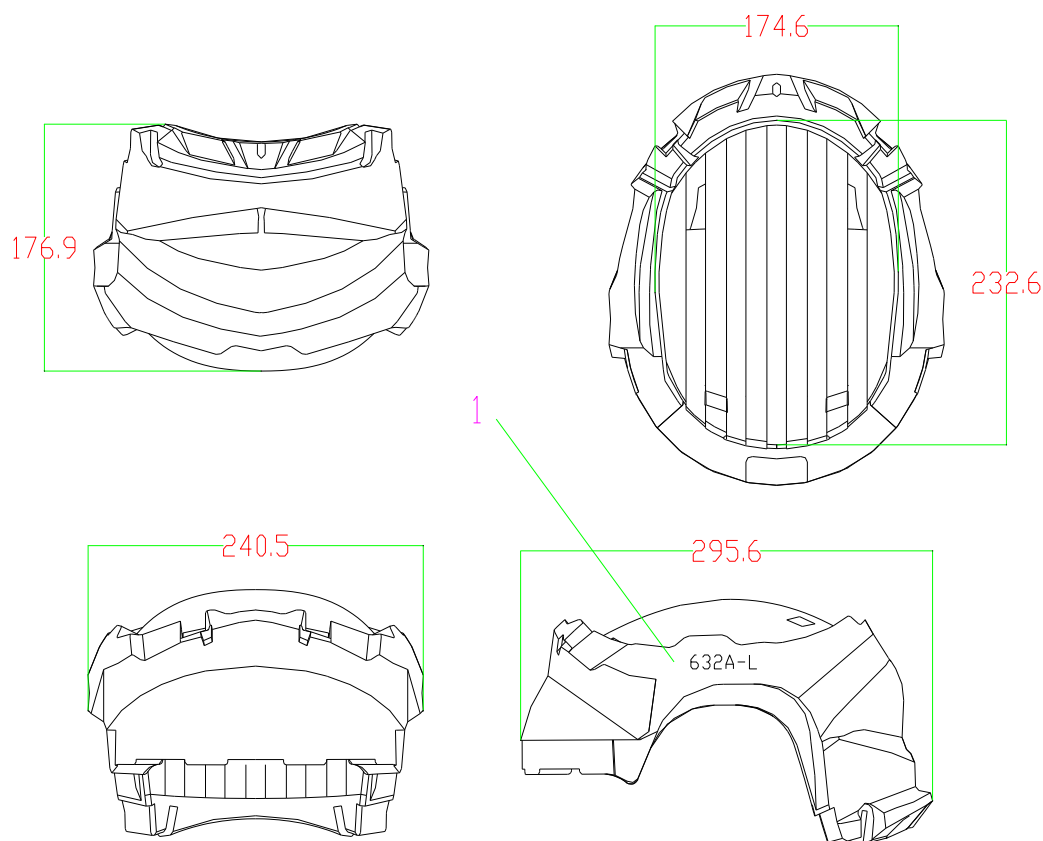
Unit: mm

Number	Name	Parameter	Number	Name	Parameter
2	Ear Protective padding	Expanded polystyrene			
Description	MX632-1 Ear protective padding (Suit for XS-XXXL sizes of Version 1)		Code No.:	MX632-1.7	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li Meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021



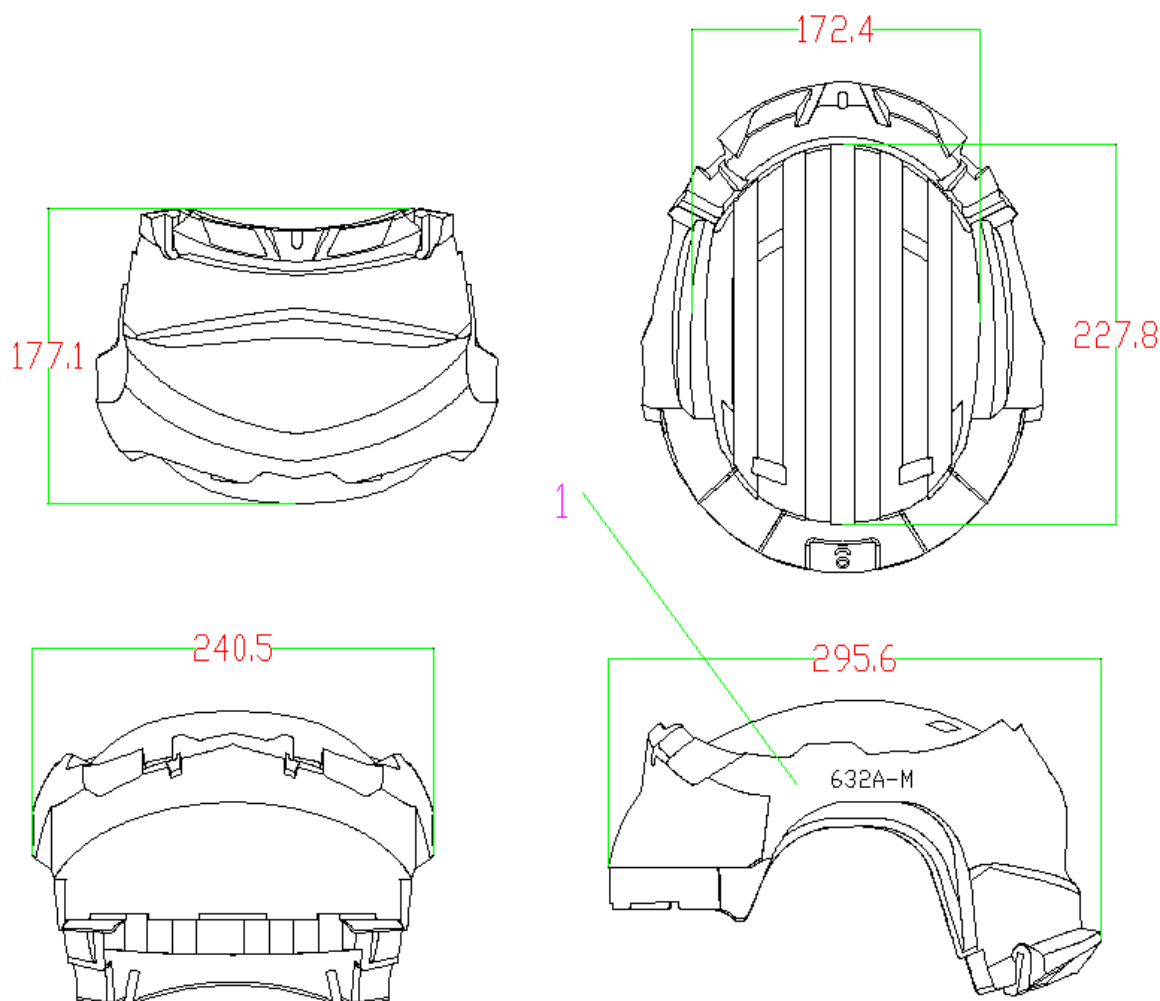
Unit: mm

Number	Name	Parameter	Number	Name	Parameter
3	Mouth Protective padding	Expanded polystyrene			
Description	MX632-1 Mouth protective padding (Suit for Version 1)		Code No.:	MX632-1.8	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li Meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021



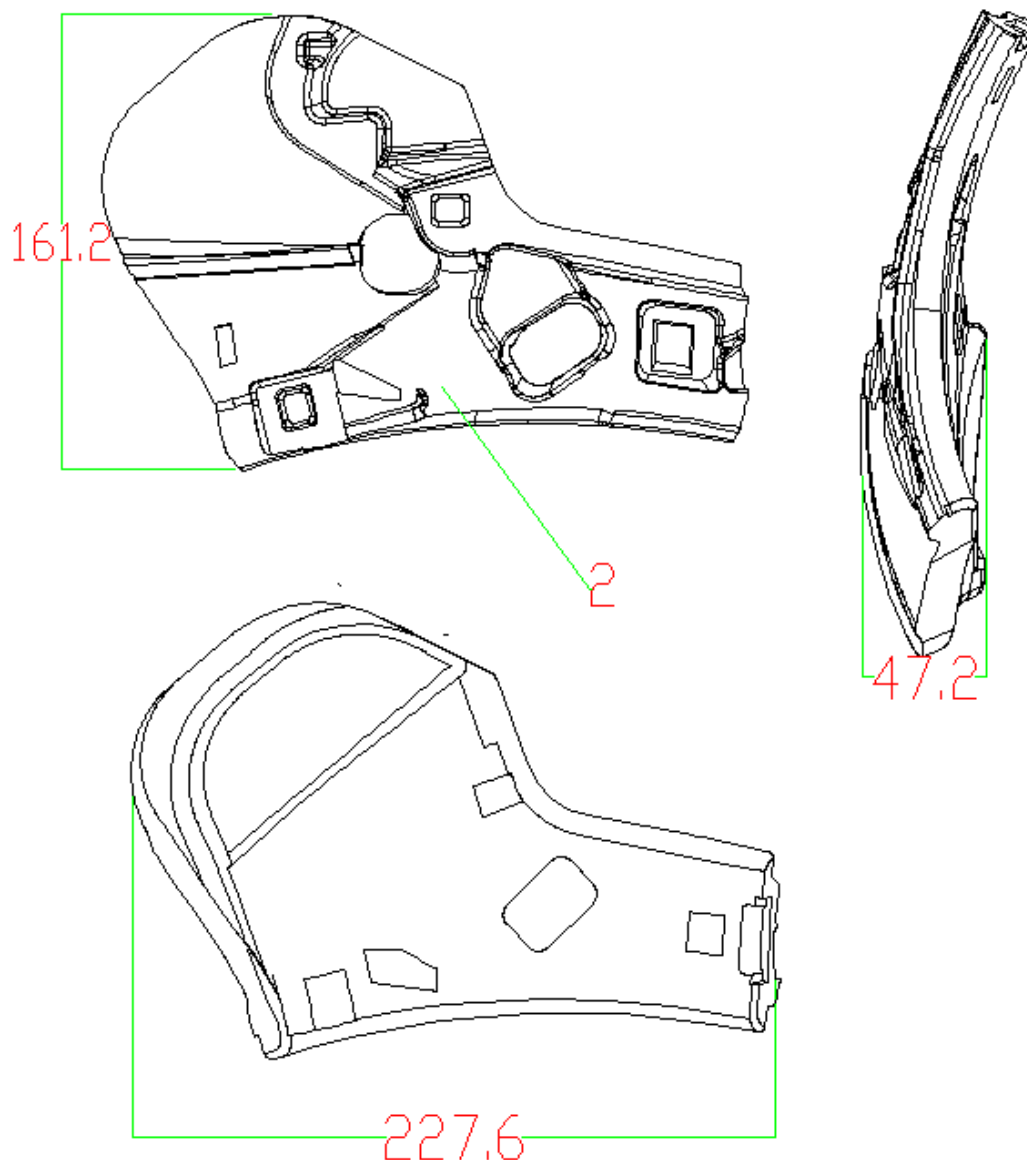
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Number	Name	Parameter	Number	Name	Parameter
1	Main Protective padding	Expanded polystyrene			
Description	MX632A Large Main protective padding (Suit for L-XXXL sizes of Version 2)		Code No.:	MX632-1.9	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021



Unit: mm

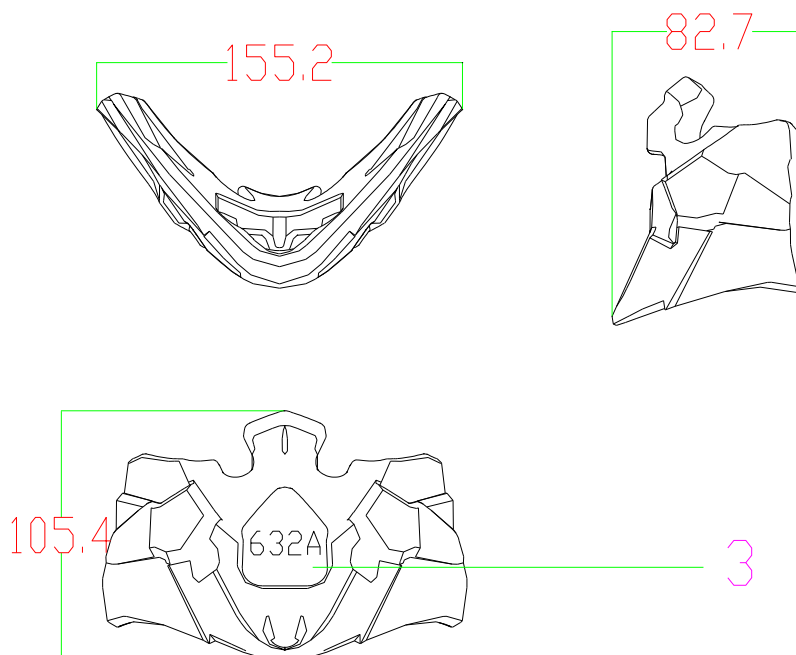
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1	Main Protective padding	Expanded polystyrene			
Description	MX632A Medium Main protective padding (Suit for XS-M sizes of Version 2)		Code No.:	MX632-1.10	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021



Unit: mm

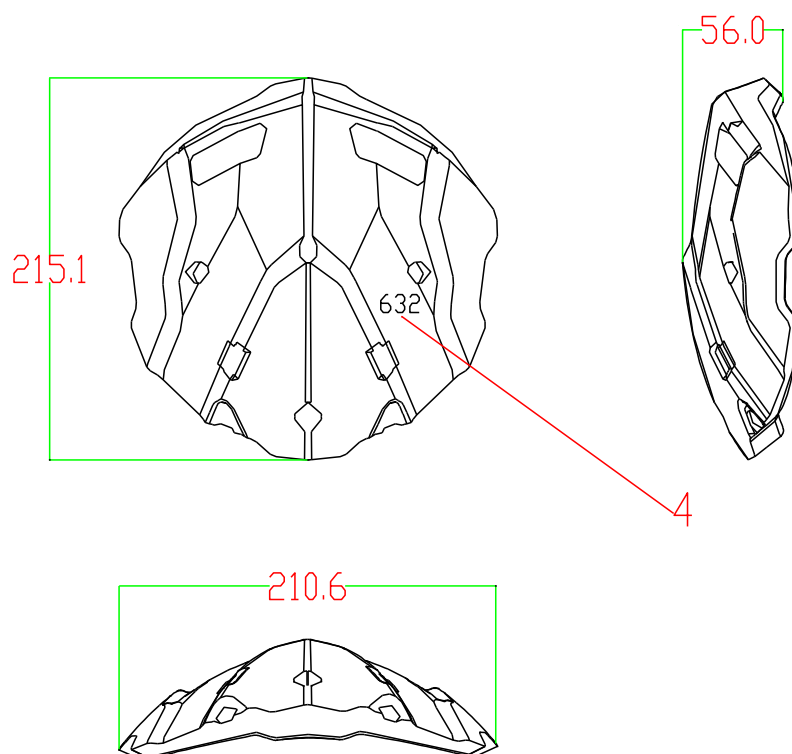
Number	Name	Parameter	Number	Name	Parameter
2	Ear Protective padding	Expanded polystyrene			
Description	MX632A Ear protective padding (Suit for XS-XXXL sizes of Version 2)		Code No.:	MX632-1.11	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021

08-Jul-22



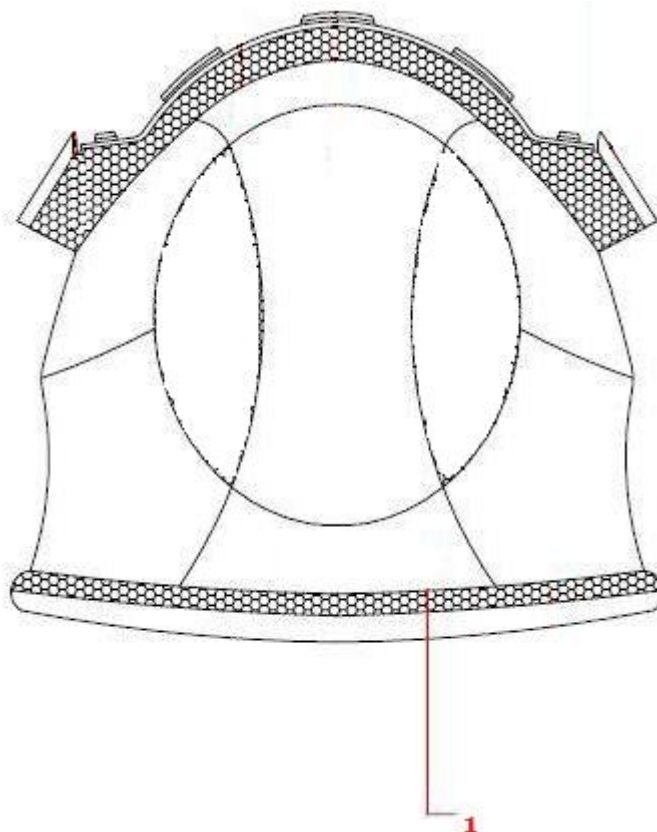
Unit: mm

Number	Name	Parameter	Number	Name	Parameter
3	Mouth Protective padding	Expanded polystyrene			
Description	MX632A Mouth protective padding (Suit for Version 2)		Code No.:	MX632-1.12	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021

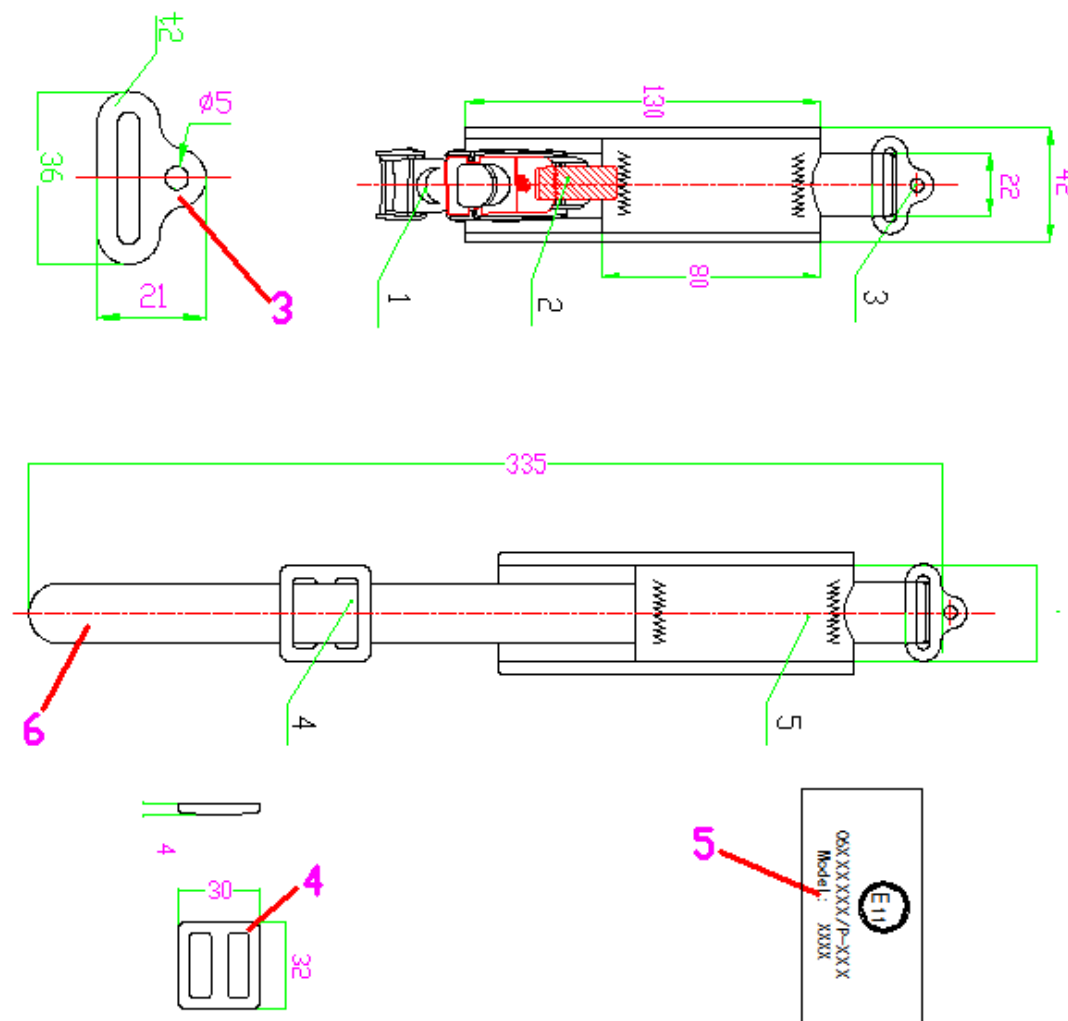


Unit: mm

umber	Name	Parameter	Number	Name	Parameter
4	Top Protective padding	Expanded polystyrene			
Description	MX632-1 Top protective padding (Suit for Version 1/Version 2)		Code No.:	MX632-1.13	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021

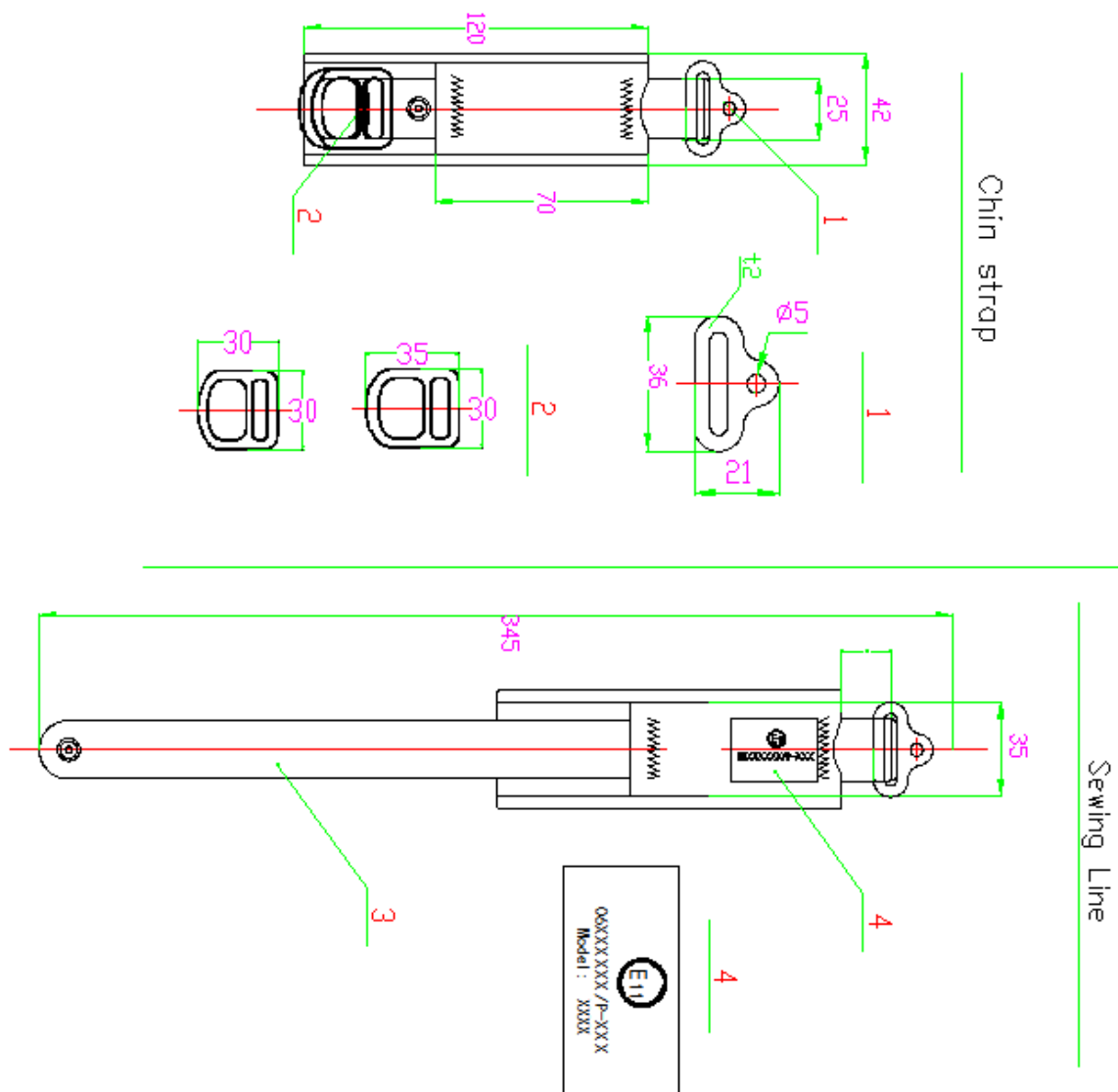
Annex 4: Drawing of the comfort padding


Number	Name	Parameter	Number	Name	Parameter
1	Comfort padding	Compound sponge and cloth			
Description	Comfort padding		Code No.:	MX632-1.14	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li Meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021

Annex 5: Drawing of the retention system


Unit: mm

Number	Name	Material	Number	Name	Material
1	Slider	Polycarbonate + Steel	4	“B” ring	Nylon
2	Quick release buckle	Polycarbonate + Steel	5	ECE Marking	Cloth
3	Hinge	Steel	6	Chin strap	Nylon
Description	MX632-1/MX632A Retention system (Type1: Quick release buckle)		Code No.:	MX632-1.15	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li Meidan	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021



Unit: mm

Number	Name	Material	Number	Name	Material
1	Hinge	Steel	4	“B” ring	Nylon
2	Double “D” ring	Steel	5	ECE Marking	Cloth
3	Chin strap	Nylon			
Description	MX632-1/MX632A Retention system (Type2: Double“D” ring)		Code No.:	MX632-1.16	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong,China				
Drawn by:	Li Meidan	Checked by:	Huang Leilei	Approved by:	Zhang jun
Date:	23.12.2021	Date:	23.12.2021	Date:	23.12.2021



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 may 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.

WARNING

1. TO CLEAN THE VISOR USE HOUSEHOLD WINDOW CLEANER AND A LINT FREE TOWEL ONLY. CAUSTIC CHEMICALS OR SOLVENT MUST NOT BE USED.
2. BEFORE CLEANING VISOR, BE SURE TO BRUSH AWAY ANY LARGE PIECES OF DIRT.
3. VISORS OR SUN SHADE WITH THE MARKING "DAYTIME USE ONLY" ARE NOT SUITABLE FOR USE DURING THE HOURS OF DARKNESS OR IN CONDITIONS OF POOR VISIBILITY.
4. THE SUN SHADE SHALL ONLY BE USED IN COMBINATION WITH THE VISOR IN CLOSED POSITION TO ENSURE THE MECHANICAL PROTECTION OF THE EYES.

TYPE APPROVAL TESTING

UNECE n°22 Series 06

Job Number	[XSY002183]		
Report	Code:	YoHe MX632-1 E2206 Helmet Approval 20211201	
	Date:	1/12/2021	
Manufacturer	Name:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.	
	Address:	Yannan Industrial Area, Longgao Road Jiujiang Town, Nanhai, Foshan City, Guangdong China	
Representative	[it does not apply]		
Sample	Helmet model:	MX632-1	
	Approval n°:	n/a	
	Stickers from n°:	n/a	to n°: n/a Batch n°: n/a
	Arrival date:	12/09/2021	Testing date: 30/11/2021
Test Site	[OMEGA CHINA] / [OMEGA ITALY]		

Essential Technical Data

SIZE RANGE	[XS 53-54cm S 55-56cm M 57-58cm L 59-60cm XL 61-62cm XXL 63-64cm XXXL 65-66cm]	
SHELL MATERIAL	[ABS]	
WEIGHT	[gr XS-M 1300 ± 50, L-XXXL 1400 ± 50]	
RETENTION SYSTEM	[Ratchet buckle, DD-Ring]	
REFLECTIVE BANDS	No	
ENVIRONMENTAL CONDITIONS	Temperature [°C]	[22]

Used Machine	Identifier /Manufacturer	Expiry Date
Tracking point of impact	L4 (AD Engineering)	Daily Check IO 7.2.13
Shock absorption / DLS 9000	L1 (AD Engineering)	[15 January 2022]
Chin strap resistance	L5 (Hototech)	[9 December 2024]
Conditioning chamber: Freezer	L10 (Hototech)	[20 December 2021]
Conditioning chamber: Oven	L9 (Hototech)	[20 December 2021]
Compressibility	M0030 (AD Engineering)	[21/05/2025]
Chin strap efficiency [Roll-off]	L7 (Hototech)	[06/01/2025]

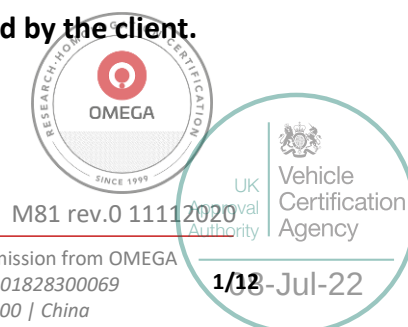
The Helmet has been tested in the different configurations as supplied by the client.

Job Number: **[XSY002183]**

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HELMET IMAGES



Front



Side 1



Side 2



Rear

Job Number: [XSY002183]

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2/12-Jul-22

HELMET IMAGES



Front



Side 1



Side 2



Rear

Job Number: [XS002183]

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GENERAL SPECIFICATION TEST
SIZES XS (53-54) S (55-56) M (57- 58) L (59-60) XL (61-62) XXL (63-64) XXXL (65-66)

Reference	General Specification	Result	
		Pass (or N/A)	Fail
6.1	Hard shell	Pass	
6.1	Impact absorption system (see test data in this report)	Pass	
6.1	Retention system	Pass	
6.2.2	Marked "Does not protect chin from impacts" (if applicable)	N/A	
6.4.1	Extent of protection	Pass	
6.4.2	Nape cylinder	Pass	
6.4.3	Protective padding	Pass	
6.5	Outer round surface – Auditive faculties	Pass	
6.6	Projections (≥ 2 mm)	Pass	
6.7	External Projections ($h \leq 2$ mm – $r \geq 1$ mm) ; ($h \geq 2$ mm – $r \geq 2$ mm)	Pass	
6.8	Helmet interior	Pass	
6.9	Assembly	Pass	
6.10	Chin strap abrasion	Pass	
6.11 - 6.11.1	Retention system – Chin strap width (≥ 20 mm)	Pass	
6.11.2	Under-chin	Pass	
6.11.3	Chin strap regulation system	Pass	
6.11.4	Rigid parts	Pass	
6.11.5	Buckle – "Double D" or "Roller buckle"	Pass	
6.11.6	Pulling flap (red 10 x 20mm)	N/A	
6.11.7	Quick release (general requirement)	Pass	
6.11.8	Quick release (tests par. 7.3, 7.6, 7.7)	Pass	
6.11.9	Wrong buckle use	Pass	
6.12	P/J helmets: device that maintains the intended position even during the complete series of impacts and retention (detaching) test (red)	N/A	
6.13	Material properties (manufacturer declaration)	Pass	
6.14	Helmet breaking	Pass	
6.15, 6.15.3.1 6.15.3.2 6.15.3.3	Peripheral vision:	Lateral visual clearance 105°	Pass
		Upward visual clearance 7°	Pass
		Downward visual clearance 45°	Pass
6.18.2 to 6.18.6	Reflective parts (see test reports)	N/A	

Job Number: [XS002183]

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4/12-Jul-22

SPECIFICATION

H.F. Size	[54 to 62]
Impact point	B / P / X / R / S
Anvil	Kerbstone / Flat
Conditioning [°C]	
AMB	25 °C ± 5 °C for more than 4 hours
LOW	-10 °C ± 2 °C for more than 4 hours
HIGH	+50 °C ± 2 °C for more than 4 hours and less than 8 hours
UV+H ₂ O	Ultraviolet radiation by a 150-watt xenon- 48 hours Water spray 4 to 6 hours, 1 litre per minute
Speed [m/s]	7.5 m/s + 0.15 m/s (6-0 + 0.15 m/s for the S point) High Speed 8.2 m/s + 0.15 m/s Low Speed 6.0 m/s + 0.15 m/s
HIC	≤ 2400 High Speed ≤ 2880 Low Speed ≤ 1300
Deceleration	≤ 275 Low Speed ≤ 180

Job Number: [XS002183]



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5/12-Jul-22

IMPACT ABSORPTION TESTS

Ref. 7.3

Helmet size XXXL (65-66)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	21-2408	62	B	FLAT	AMB	7.53	104	738
			X	FLAT		7.55	217	1807
			P	FLAT		7.53	193	1787
			R	FLAT		7.55	166	1527
-	21-2409	62	B	KERB	AMB	7.53	132	876
			X	KERB		7.58	192	1279
			P	KERB		7.55	164	1090
			R	KERB		7.58	133	997
-	21-2410	62	B	KERB	+50	7.58	119	862
			X	KERB		7.55	199	1252
			P	KERB		7.55	146	984
			R	KERB		7.55	128	924
-	21-2411	62	B	FLAT	-10	7.58	184	1241
			X	FLAT		7.58	217	1856
			P	FLAT		7.58	194	1793
			R	FLAT		7.55	168	1535
			S	FLAT		6.02	67	137
-	21-2412	62	B	FLAT	UV + WET	7.58	184	1233
			X	FLAT		7.55	219	1875
			P	FLAT		7.60	198	1769
			R	FLAT		7.58	181	1642

Helmet size L (59-60)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	21-2413	60	B	KERB	+50	7.55	140	865
			X	KERB		7.55	174	1224
			P	KERB		7.58	146	1044
			R	KERB		7.58	140	1064
-	21-2414	60	B	FLAT	-10	7.53	207	1304
			X	FLAT		7.58	230	2055
			P	FLAT		7.55	201	1864
			R	FLAT		7.55	171	1615
			S	FLAT		6.04	45	58

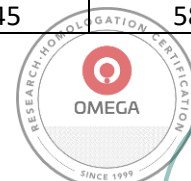
Job Number: [XS002183]

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6/12-Jul-22

Helmet size M (57-58)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	21-2415	57	B	KERB	+50	7.51	128	654
			X	KERB		7.58	159	1206
			P	KERB		7.55	121	884
			R	KERB		7.58	150	1347
-	21-2416	57	B	FLAT	-10	7.58	170	1232
			X	FLAT		7.58	215	1877
			P	FLAT		7.55	180	1747
			R	FLAT		7.58	177	1588
			S	FLAT		6.04	113	96

Helmet size XS (53-54)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	21-2781	54	B	KERB	+50	7.46	106	496
			X	KERB		7.53	154	1150
			P	KERB		7.53	128	891
			R	KERB		7.51	126	835
-	21-2782	54	B	FLAT	-10	7.46	125	695
			X	FLAT		7.51	220	1836
			P	FLAT		7.49	162	1647
			R	FLAT		7.51	136	872
			S	FLAT		6.00	48	96

Job Number: **[XS002183]**

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7/12-Jul-22

IMPACT ABSORPTION TESTS, EXTRA POINTS

Ref. 7.3 & 7.3.4.2.1

Helmet size XXXL (65-66) MX632-1

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	21-2421	62	BXL	KERB	AMB	7.55	156	978
			RXR	KERB		7.58	229	1494
			BXPR	KERB		7.53	134	1058
			RXPL	KERB		7.58	161	1181
-	21-2420	62	BXL	FLAT	AMB	7.53	169	1298
			RXR	FLAT		7.55	225	2031
			BXPR	FLAT		7.53	202	1866
			RXPL	FLAT		7.55	210	1862

Helmet size XXXL (65-66) MX632A

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	22-0049	62	BXL	KERB	AMB	7.51	173	1159
			RXR	KERB		7.55	187	1489
			BXPR	KERB		7.53	132	973
			RXPL	KERB		7.53	168	1358
-	22-0048	62	BXL	FLAT	AMB	7.53	195	1691
			RXR	FLAT		7.53	200	1740
			BXPR	FLAT		7.55	185	1684
			RXPL	FLAT		7.51	200	1802

HIGH ENERGY IMPACT TESTS

Ref. 7.3 & 7.3.1.4

Helmet size XXXL (65-66) MX632-1

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.35÷8.2 [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2880
-	21-2422	62	B	FLAT	AMB	8.22	177	1532
			X	FLAT		8.22	238	2283
			P	FLAT		8.25	211	2106
			R	FLAT		8.22	197	1909

Job Number: [XS002183]

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8/12-Jul-22

Helmet size XXXL (65-66) MX632A

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.35÷8.2 [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2880
-	22-0047	62	B	FLAT	AMB	8.22	254	2062
			X	FLAT		8.22	249	2207
			P	FLAT		8.20	205	2248
			R	FLAT		8.20	189	1768
-	22-0046	62	B	FLAT	AMB	8.20	247	1993
			X	FLAT		8.20	242	2054
			P	FLAT		8.22	218	2553
			R	FLAT		8.20	193	1815

LOW ENERGY IMPACT TESTS

Ref. 7.3 & 7.3.1.4

Helmet size XXXL (65-66)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 6.15÷6.0 [m/s]	Deceleration ≤ 180 [g]	HIC ≤ 1300
-	21-2423	62	B	FLAT	AMB	6.07	166	1017
			X	FLAT		6.07	169	1054
			P	FLAT		6.07	146	952
			R	FLAT		6.07	133	941

OBLIQUE IMPACT TEST

Ref. 7.13 & Annex 7

Helmet size XXXL (65-66)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.15÷8.0 [m/s]	PRA ≤ 10.400 [rad.s ⁻²]	BrIC ≤ 0,78
-	21-2426	62	45°	45°	AMB	8.11	2312	0.30
			180°	45°		8.13	2589	0.32
			270°	45°		8.13	2674	0.33
-	21-2425	62	0°	45°	AMB	8.13	3222	0.41
			135°	45°		8.14	2657	0.31



Job Number: [XS002183]

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9/12-Jul-22

TEST FOR PROJECTION AND SURFACE FRICTION METHOD B
Ref. 7.4.2

Sticker n°	Helmet Internal Id	Tested Point	Result	
			Pass	Fail
-	21-2421	[Rear]	X	-
-	21-2421	[Side Left Pick]	X	-

[Complete the table with "X" or "-" as applicable]

RIGIDITY TEST
Ref. 7.5

Sticker n°	Helmet Internal Id	Size	Load Direction	Deformation [mm]		
				Initial (load 30N)	Max 40 [mm] (load 630N)	Final 15 [mm] (load 30N)
-	21-2419	XXXL	Longitudinal	1	15	2
-	21-2420	XXXL	Transversal	1	13	3

DYNAMIC TEST OF THE RETENTION SYSTEM
Ref. 7.6

Sticker n°	Helmet Internal Id	Size	Chin Strap	Dynamic 35 [mm]	Residual 25 [mm]
-	21-2417	XS	DD ring	29.9	13.6

Sticker n°	Helmet Internal Id	Size	Chin Strap	Dynamic 35 [mm]	Residual 25 [mm]
-	21-2418	XS	Ratchet	29.8	12.9

RETENTION (DETACHING) TEST - ROLL OFF
Ref. 7.7

CHIN STRAP: [DD ring]					
Sticker n°	Helmet Internal Id	Size	Chin strap	Roll off Angle ≤ 30°	
-	21-2417	XS	Reverse Position (7.7.2)	19	
		XS	Roll-Off (7.7.3)	20	

CHIN STRAP: [Ratchet]					
Sticker n°	Helmet Internal Id	Size	Chin strap	Roll off Angle ≤ 30°	
-	21-2418	XS	Reverse Position (7.7.2)	29	
		XS	Roll-Off (7.7.3)	22	

Job Number: [XS002183]

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10/12 Jul-22



MICRO-SLIP TEST OF THE CHIN STRAP

Ref. 7.10

Helmet Internal Id	Chin strap	Result
		[Pass/Fail]
-	Ratchet	PASS

RESISTANCE TO ABRASION OF THE CHIN STRAP

Ref. 7.11

Helmet Internal Id	Test Reference 7.1	Result
		[Pass/Fail]
-	Resistance to Abrasion of the Chin Strap	PASS

(*) Only DD retention system

QUICK RELEASE MECHANISM MICROMETRIC

Ref. 7.12

Helmet Internal Id	Test Reference 7.12.1	Result
		[Pass/Fail]
-	Inadvertent release by pressure	PASS
Helmet Internal Id	Test Reference 7.12.2	Result
		[Pass/Fail]
-	Easy of release ($\text{Load}_{\max} \leq 30 \text{ or } 60 \text{ [N]}$)	PASS
Helmet Internal Id	Test Reference 7.12.3	Result
		[Pass/Fail]
-	Durability of quick release mechanism Saline fog – 5000 cycles – Traction $2.0 \text{ kN} \pm 50 \text{ N}$	PASS

Job Number: [XS002183]

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11/12 Jul-22

REFLECTIVE PARTS

Reference	Test	Result	
		Pass or N/A	Fail
6.16.2	Reflective parts (Geometry requirements)	N/A	
6.16.3	Reflective parts (Colorimetric requirements)	N/A	
6.16.4	Reflective parts (Photometric requirements)	N/A	
6.16.5	Reflective parts (Resistance to external agents requirements)	N/A	
6.16.6	Reflective parts (Compatibility of materials requirements)	N/A	

THE SAMPLES TESTED MEET THE REQUIREMENTS OF THE REFERENCE NORM.

Laboratory Technician

(Gao Yaming)

Gao Yaming

Laboratory Manager

(Kidman Yu)

Kidman Yu

(Juan Pablo Cuesta)

Juan Pablo Cuesta

END OF REPORT

Job Number: [XSY002183]



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12/12 Jul-22

QUALIFICATION TESTING

UNECE n°22 Series 06

Job Number	XSY002183		
Report	Code:	YoHe MX632-1 E06 Helmet Qualification 20220113	
	Date:	13/01/2022	
Manufacturer	Name:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.	
	Address:	Yannan Industrial Area, Longgao Road Jiujiang Town, Nanhai, Foshan City, Guangdong China	
Representative	[it does not apply]		
Sample	Helmet model:	MX632-1	
	Approval n°:	22R-060781	
	Stickers from n°:	1	to n°: 3200 Batch n°: 1
	Arrival date:	23/12/2021	Testing date: 28/12/2021

Essential Technical Data

SIZE RANGE	[XS 53-54cm S 55-56cm M 57-58cm L 59-60cm XL 61-62cm XXL 63-64cm XXXL 65-66cm]	
SHELL MATERIAL	[ABS]	
WEIGHT	[gr XS-M 1300 ± 50, L-XXXL 1400 ± 50]	
RETENTION SYSTEM	[Ratchet buckle, DD-Ring]	
REFLECTIVE BANDS	No	
ENVIRONMENTAL CONDITIONS	Temperature [°C]	[22]

Used Machine	Identifier /Manufacturer	Expiry Date
Tracking point of impact	L4 (AD Engineering)	Daily Check IO 7.2.13
Shock absorption / DLS 9000	L1 (AD Engineering)	[15 February 2022]
Chin strap resistance	L5 (Hototech)	[9 December 2024]
Conditioning chamber: Freezer	L10 (Hototech)	[15 December 2022]
Conditioning chamber: Oven	L9 (Hototech)	[15 December 2022]

The Helmet has been tested in the different configurations as supplied by the client.

The helmets are divided in n°			9	batches
Group n°		Size	helmets	
1	The largest size	XXXL MX632-1	10	
2	The largest size	XXXL MX632-1	10	
3	The largest size	XXXL MX632A	10	
4	The smallest size	XS - DD	10	
5	The smallest size	XS - Ratchet	10	

SHOCK ABSORPTION TESTS Ref. 7.3

Group n°1		XXXL (65-66)			
Head-form: “62”		Impact Point: “X”		Anvil:	KERB
Sticker n°	Helmet Internal Id	Cond. [50°C]	Speed [m/s]	HIC ≤ 2400	Deceleration ≤ 275 [g]
000006	21-3325		7.55	1435	245
000005	21-3326		7.55	1342	226
000008	21-3327		7.55	1507	224
000011	21-3328		7.55	1570	238
000013	21-3329		7.55	1614	246
000015	21-3330		7.55	1507	219
000010	21-3331		7.55	1682	250
000017	21-3332		7.55	1666	253
000020	21-3333		7.55	1516	228
000025	21-3334		7.55	1353	232
Mean of the value				$g_m = \sum g_i / 10$	236
Standard deviation				$S = \left[\sum (g_i - g_m)^2 / 9 \right]^{1/2}$	12
Condition				$g_m + 2.4 \cdot S \leq 275$	265

Group n°1		XXXL (65-66)			
Head-form: “62”		Impact Point: “R”		Anvil:	KERB
Sticker n°	Helmet Internal Id	Cond. [50°C]	Speed [m/s]	HIC ≤ 2400	Deceleration ≤ 275 [g]
000006	21-3325		7.55	1085	140
000005	21-3326		7.53	1138	139
000008	21-3327		7.53	877	126
000011	21-3328		7.53	1079	137
000013	21-3329		7.55	999	130
000015	21-3330		7.53	1122	146
000010	21-3331		7.55	972	135
000017	21-3332		7.55	893	125
000020	21-3333		7.58	1061	134
000025	21-3334		7.55	893	130
Mean of the value				$g_m = \sum g_i / 10$	134
Standard deviation				$S = [\sum (g_i - g_m)^2 / 9]^{1/2}$	7
Condition				$g_m + 2.4 \cdot S \leq 275$	150

Group n°2		XXXL (65-66)			
Head-form: “62”		Impact Point: “B”		Anvil:	FLAT
Sticker n°	Helmet Internal Id	Cond. [-10°C]	Speed [m/s]	HIC ≤ 2400	Deceleration ≤ 275 [g]
000001	21-3315		7.55	810	157
000003	21-3316		7.53	769	141
000007	21-3317		7.53	757	145
000036	21-3318		7.55	797	140
000037	21-3319		7.53	892	135
000031	21-3320		7.53	769	142
000032	21-3321		7.55	866	143
000026	21-3322		7.53	489	121
000019	21-3323		7.55	732	139
000027	21-3324		7.53	730	144
Mean of the value				$g_m = \sum g_i / 10$	141
Standard deviation			$S = \left[\sum (g_i - g_m)^2 / 9 \right]^{1/2}$		9
Condition				$g_m + 2.4 \cdot S \leq 275$	162

Group n°2		XXXL (65-66)			
Head-form: “62”		Impact Point: “P”		Anvil:	FLAT
Sticker n°	Helmet Internal Id	Cond. [-10°C]	Speed [m/s]	HIC ≤ 2400	Deceleration ≤ 275 [g]
000001	21-3315		7.55	1369	155
000003	21-3316		7.55	1620	163
000007	21-3317		7.55	1569	156
000036	21-3318		7.55	1520	163
000037	21-3319		7.55	1691	188
000031	21-3320		7.58	1529	154
000032	21-3321		7.55	1350	157
000026	21-3322		7.51	1500	157
000019	21-3323		7.6	1601	157
000027	21-3324		7.55	1291	140
Mean of the value				$g_m = \sum g_i / 10$	159
Standard deviation				$S = \left[\sum (g_i - g_m)^2 / 9 \right]^{1/2}$	12
Condition				$g_m + 2.4 \cdot S \leq 275$	188

Group n°2X		XXXL (65-66)			
Head-form: “62”		Impact Point: “S”		Anvil:	FLAT
Sticker n°	Helmet Internal Id	Cond. [-10°C]	Speed [m/s]	HIC ≤ 2400	Deceleration ≤ 275 [g]
000001	21-3315		6.02	177	62
000003	21-3316		6.01	212	67
000007	21-3317		6.01	187	69
000036	21-3318		6.02	122	62
000037	21-3319		6.01	130	59
000031	21-3320		6.01	180	64
000032	21-3321		6.01	140	55
000026	21-3322		6	129	64
000019	21-3323		6.01	190	82
000027	21-3324		6.01	151	69
Mean of the value				$g_m = \sum g_i / 10$	65
Standard deviation			$S = \left[\sum (g_i - g_m)^2 / 9 \right]^{\frac{1}{2}}$		7
Condition				$g_m + 2.4 \cdot S \leq 275$	83

Group n°3X		XXXL (65-66)			
Head-form: “62”		Impact Point: “B”		Anvil:	FLAT
Sticker n°	Helmet Internal Id	Cond. [-10°C]	Speed [m/s]	HIC ≤ 2400	Deceleration ≤ 275 [g]
000051	22-0036		7.65	1542	228
000053	22-0037		7.53	1373	190
000056	22-0038		7.51	1456	211
000057	22-0039		7.53	1608	247
000052	22-0040		7.51	1262	182
000055	22-0041		7.53	1063	157
000059	22-0042		7.53	1270	173
000054	22-0043		7.53	1298	180
000058	22-0044		7.53	1348	188
000059	22-0045		7.51	1372	198
Mean of the value				$g_m = \sum g_i / 10$	195
Standard deviation				$S = \left[\sum (g_i - g_m)^2 / 9 \right]^{1/2}$	27
Condition				$g_m + 2.4 \cdot S \leq 275$	260

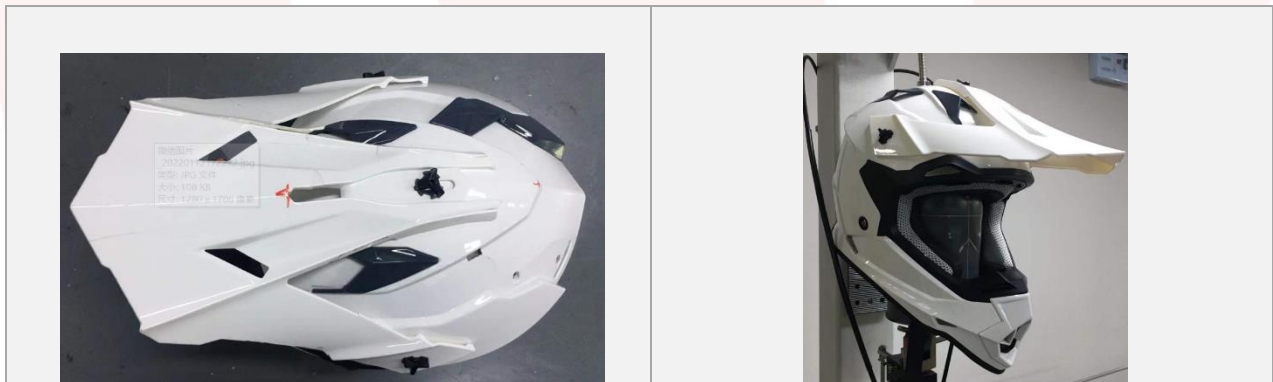
RETENTION SYSTEM STRENGTH

Ref. 7.6

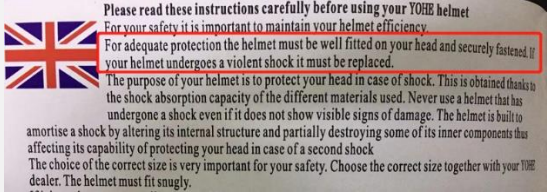
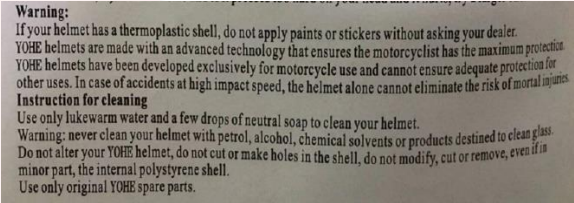
Group n°4			XS (53-54)		
Head-form: “54”		Description: [DD]			
Sticker n°	Helmet Internal Id	Cond. [22°C]		Dynamic Ext. ≤ 35 [mm]	Residual Ext. ≤ 25 [mm]
000009	21-3335			29.1	11.9
000012	21-3336			27.3	10.5
000030	21-3337			27.5	10.6
000031	21-3338			30.1	12
000033	21-3339			28.6	10.8
000035	21-3340			30.2	12.6
000038	21-3341			29.5	12.1
000039	21-3342			28.6	11.1
000021	21-3343			28	10.9
000022	21-3344			29.2	11.7
Mean of the value				Xm	29
Standard deviation			S	1	1
Condition			$Xm + 2,4S$	31	13

Group n°5
XS (53-54)
Head-form: "54"
Description: [Ratchet]

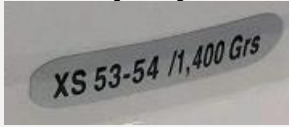
Sticker n°	Helmet Internal Id	Cond. [22°C]		Dynamic Ext. ≤ 35 [mm]	Residual Ext. ≤ 25 [mm]
000044	21-3345			30.4	12.4
000041	21-3346			30	11.5
000040	21-3347			31.1	14
000042	21-3348			28.2	11
000043	21-3349			29.6	12.8
000045	21-3350			30.7	11.8
000048	21-3351			31.2	13.2
000049	21-3352			30	11.9
000046	21-3353			31.6	13.9
000047	21-3354			31.9	14.6
Mean of the value			Xm	30	13
Standard deviation			S	1	1
Condition			$Xm + 2,4 \cdot S$	33	16

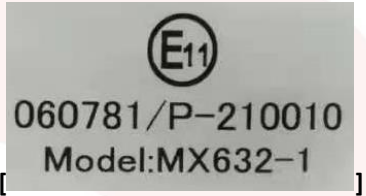


LABELLING

Ref.	Requirement	Description or image
	Method of Attachment to helmet at point of sale	
14.1	"For adequate protection, this helmet must fit closely and be securely attached. Any helmet that has sustained a violent impact should be replaced"	[PASS]  Please read these instructions carefully before using your YOHE helmet For your safety it is important to maintain your helmet efficiency For adequate protection the helmet must be well fitted on your head and securely fastened. If your helmet undergoes a violent shock it must be replaced. The purpose of your helmet is to protect your head in case of shock. This is obtained thanks to the shock absorption capacity of the different materials used. Never use a helmet that has undergone a shock even if it does not show visible signs of damage. The helmet is built to amortise a shock by altering its internal structure and partially destroying some of its inner components thus affecting its capability of protecting your head in case of a second shock The choice of the correct size is very important for your safety. Choose the correct size together with your YOHE dealer. The helmet must fit snugly.
	if fitted with a non protective lower face cover: "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.	[Not Applicable]
14.2	specific warning in the above-mentioned label: " 'Warning' - Do not apply paint, stickers, petrol or other solvents to this helmet".	[PASS]  Warning: If your helmet has a thermoplastic shell, do not apply paints or stickers without asking your dealer. YOHE helmets are made with an advanced technology that ensures the motorcyclist has the maximum protection. YOHE helmets have been developed exclusively for motorcycle use and cannot ensure adequate protection for other uses. In case of accidents at high impact speed, the helmet alone cannot eliminate the risk of mortal injuries. Instruction for cleaning Use only lukewarm water and a few drops of neutral soap to clean your helmet. Warning: never clean your helmet with petrol, alcohol, chemical solvents or products destined to clean glass. Do not alter your YOHE helmet, do not cut or make holes in the shell, do not modify, cut or remove, even if in minor part, the internal polystyrene shell. Use only original YOHE spare parts.
14.4	bears a label showing the type or types of visor that have been approved at the manufacturer's request.	[PASS] 

MARKING

Ref.	Requirement	Description or image
	Method of Marking to the helmet	
14.3	protective helmet is clearly marked with its size and its maximum weight, to the nearest 50 grams, as placed on the market.	[PASS] 

ANNEX 2A	The approval number and the production serial number shall be placed close to the circle and either above or below the letter "E" or to the left or right of that letter.	
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THE SAMPLES TESTED MEET THE REQUIREMENTS OF THE REFERENCE NORM

Laboratory Technician
(Gao Yaming)
Gao Yaming

Laboratory Manager
(Kidman Yu)
Kidman Yu

(Juan Pablo Cuesta)

END OF REPORT

SUN VISOR TEST REPORT

UNECE n°22 Series 06

Job Number	XSU002183		
Report	Code:	MX632A-SV E2206 20012022	
	Date:	20 January 2022	
Manufacturer	Name:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.	
	Address:	Yannan Industrial Area, Longgao Road Jiujiang Town, Nanhai, Foshan City, Guangdong China	
Representative	[it does not apply]		
Sample	Visor model:	MX632A-SV	
	Arrival date:	14/01/2022	Testing date: 20/01/2022

Essential Technical Data

VISOR MATERIAL	moulded in PC
OTHER TECHNICAL DETAILS	See Manufacturers Technical Specification
ENVIRONMENTAL CONDITIONS	Temperature [°C] 21.4

Used Machine	Identifier /Manufacturer	Expiry Date
Optical qualities	M0101 (AD Engineering)	05/06/2022
Luminous transmittance	M0115 (V730 JASCO)	05/06/2022
Refractive Powers	M0144 (AD Engineering)	28/06/2022

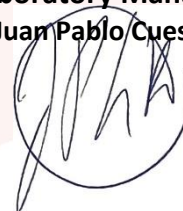
The Visor has been tested in the configuration as supplied by the client.

THE SAMPLES TESTED [PASS] THE REQUIREMENTS OF THE REFERENCE NORM.

Laboratory Technician
(Adolfo Garlondo)



Laboratory Manager
(Juan Pablo Cuesta)




Vehicle
Certification
Agency

1/2
08-Jul-22

Job Number: [XSU002183]

M85 rev.0 09092020

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REFRACTIVE POWERS

Ref. Annex 15

Internal Id	Side	Spherical power	Astigmatic power	Base	Prismatic power		RESULT
		+/-0,12 [m ⁻¹]	0,12 [m ⁻¹]		Limits Horiz Base IN:<0,25 Base OUT:<1 [cm/m]	Limits Vert <0,25 [cm/m]	
22-0234	DX	-0,02	0,01	OUT	0,097	0,024	PASS
	SX	-0,02	0,03		0,292	0,010	
22-0235	DX	-0,01	0,01	OUT	0,097	0,024	PASS
	SX	-0,02	0,01		0,010	0,010	
22-0236	DX	0,00	0,02	OUT	0,005	0,024	PASS
	SX	-0,02	0,00		0,292	0,010	

LUMINOUS TRANSMITTANCE (Ref. 7.8.3.2.1.1 – A13)
RECOGNITION OF SIGNAL LIGHTS (7.8.3.2.1.1)
SPECTRAL TRANSMITTANCE (Ref. 7.8.3.2.1.1)

Internal Id	Luminous transmittance	Recognition of signal lights				Spectral Transmittance		
		Qred	Qyellow	Qgreen	Qblu	Result	Limit	Result
	$\tau_v > 20\%$	$\geq 0,8$	$\geq 0,6$	$\geq 0,6$	$\geq 0,6$	τ_f [475 – 650 nm]	$> 0.2 \tau_v$	[Pass/Fail]
22-0237	22,66%	1,012	1,025	0,991	1,043	0,205	> 0,045	Pass
	Pass							
22-0238	22,96%	0,989	1,024	0,987	1,043	0,196	> 0,046	Pass
	Pass							
22-0239	23,73%	0,960	1,017	0,997	0,997	0,196	> 0,047	Pass
	Pass							

SUN VISOR IMAGES

END OF REPORT

Job Number: [XSY002183]

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M85 rev.0 09092020



QUALIFICATION
UNECE n°22 Series 06

Job Number	XSY002183		
Report	Code:	MX632A-SV Q.o.P E2206 21012022	
	Date:	21/01/2022	
Manufacturer	Name:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.	
	Address:	Yannan Industrial Area, Longgao Road Jiujiang Town, Nanhai, Foshan City, Guangdong China	
Representative	N/AP		
Sample	Sun Visor model:	MX632A-SV	
	Arrival date:	14/01/2022	Testing date: 21/01/2022

Essential Technical Data

VISOR MATERIAL	moulded in PC
OTHER TECHNICAL DETAILS	See Manufacturers Technical Specification

ENVIRONMENTAL CONDITIONS	Temperature [°C] 21.6
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Used Machine	Identifier /Manufacturer	Expiry Date
Optical qualities	M0101 (AD Engineering)	05/06/2022
Luminous transmittance	M0115 (V730 JASCO)	05/06/2022
Refractive Powers	M0144 (AD Engineering)	28/06/2022

The Sun Visor has been tested in the configuration as supplied by the client.

THE SAMPLES TESTED PASS THE REQUIREMENTS OF THE REFERENCE NORM.

Laboratory Technician
(Adolfo Garlando)



Laboratory Manager
(Juan Pablo Cuesta)



Vehicle
Certification
Agency

1/3
08-Jul-22

Job Number: [XSY002183]

M90 rev.0 22032021

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Group n°	Test	Visors
A	Light transmission	10
	Recognition of light signals	
	Spectral transmission	
B	Refractive Powers	10

REFRACTIVE POWERS

Ref. 6.15.3.8 – Annex 15

Internal Id	Side	Spherical power	Astigmatic power	Base	Prismatic power		RESULT
		+/-0,12	0,12		Limits Horiz	Limits Vert	
		[m ⁻¹]	[m ⁻¹]	OUT	Base IN:<0,25	<0,25	
					Base OUT:<1		
					[cm/m]	[cm/m]	[Pass/Fail]
22-0240	DX	-0,03	0,04	OUT	0,097	0,024	PASS
	SX	-0,03	0,04		0,292	0,010	
22-0241	DX	-0,04	0,03	OUT	0,097	0,024	PASS
	SX	-0,03	0,04		0,292	0,010	
22-0242	DX	-0,03	0,05	OUT	0,097	0,005	PASS
	SX	-0,03	0,04		0,049	0,010	
22-0243	DX	-0,04	0,05	OUT	0,024	0,024	PASS
	SX	-0,03	0,06		0,292	0,010	
22-0244	DX	-0,07	0,01	OUT	0,049	0,024	PASS
	SX	-0,03	0,03		0,010	0,010	
22-0245	DX	-0,04	0,04	OUT	0,097	0,024	PASS
	SX	-0,02	0,03		0,044	0,010	
22-0246	DX	-0,02	0,03	OUT	0,097	0,024	PASS
	SX	-0,03	0,02		0,021	0,010	
22-0247	DX	-0,02	0,03	OUT	0,015	0,024	PASS
	SX	-0,03	0,02		0,292	0,015	
22-0248	DX	0,00	0,01	OUT	0,097	0,024	PASS
	SX	-0,03	0,03		0,024	0,010	
22-0249	DX	-0,03	0,03	OUT	0,039	0,024	PASS
	SX	-0,02	0,05		0,058	0,010	

Job Number: [XSY002183]

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M90 rev.0 22032021


 2/3
 08-Jul-22

LUMINOUS TRANSMITTANCE (Ref. 7.8.3.2.1.1 – A13)
RECOGNITION OF SIGNAL LIGHTS (Ref. 7.8.3.2.1.1)
SPECTRAL TRANSMITTANCE (Ref. 7.8.3.2.1.1)

Internal Id	Luminous transmittance	Recognition of signal lights				Spectral Transmittance		
		Qred	Qyellow	Qgreen	Qblu	Result	Limit	Result
	$\tau_v > 20\%$	$\geq 0,8$	$\geq 0,6$	$\geq 0,6$	$\geq 0,6$	τ_f [475 – 650 nm]	$> 0.2 \tau_v$	[Pass/Fail]
22-0250	22,96% Pass	0,992	1,039	0,982	1,006	0,196	> 0,046	Pass
22-0251	21,89% Pass	1,027	1,026	0,992	1,042	0,196	> 0,044	Pass
22-0252	22,30% Pass	1,052	1,041	0,981	1,026	0,196	> 0,045	Pass
22-0253	22,39% Pass	1,030	1,041	0,980	1,026	0,196	> 0,045	Pass
22-0254	22,60% Pass	1,026	1,032	0,987	1,030	0,196	> 0,045	Pass
22-0255	22,46% Pass	1,012	1,031	0,983	1,041	0,196	> 0,045	Pass
22-0256	22,37% Pass	1,021	1,038	0,981	1,022	0,196	> 0,045	Pass
22-0257	22,39% Pass	36,258	14,969	0,980	14,161	0,196	> 0,045	Pass
22-0258	23,15% Pass	1,010	1,030	0,985	1,004	0,202	> 0,046	Pass
22-0259	22,35% Pass	1,004	1,030	0,989	1,025	0,196	> 0,045	Pass

END OF REPORT

Job Number: [XSY002183]



M90 rev.0 22032021

Vehicle
Certification
Agency

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3/3
08-Jul-22

VCA JOB NUMER: XSJ002183MANUFACTURER: FOSHAN CITY NANHAI YONGHENG
HELMET MANUFACTURING CO., LTD.TYPE: MX632-1

The undersigned confirms that the tests conducted under the above job number have been carried out in accordance with the requirements of the specified Regulation/Directive and the Licence between OMEGA S.R.L. and VCA relating to type approval testing.

The undersigned has not been involved in any design nor development work on the products to be approved nor, any related product.



SIGNED:

NAME (in capitals): J.P. CUESTA RUIZ

DATE: 17 January 2022