



Kraftfahrt-Bundesamt

DE-24932 Flensburg



MITTEILUNG

Ausgestellt von:

Kraftfahrt-Bundesamt

über die Erweiterung der Genehmigung
für einen Schutzhelmtyp mit Visiertyp(en) nach der Regelung Nr. 22

COMMUNICATION

Issued by:

Kraftfahrt-Bundesamt

concerning approval extended
of a type of protective helmet with visor type(s) pursuant to Regulation
No. 22

Nummer der Genehmigung: **05300567**
Approval No.:

Erweiterung Nr.: **01**
Extension No.:

1. Fabrik- oder Handelsmarke:
Trade name or mark:
**Y, YOHE, MT, O'NEAL, LAZER, NOX, BiLT, ZOAN, GIVI, VEMAR, CASTLE, CASTLE
X, FTS, BIEFFE, SPYDER, BLACK BILMOLA, XVX, CORSA, MXO, FALCON**

2. Typ:
Type:
MX632

Ausführungen / versions:
1, 2, 3

**Ausführungen hinzugefügt
versions added**

Handelsbezeichnungen / Commercial descriptions:
2 SERIES, Sierra II, 2 Series Youth, MX632, MX632A, MX632S



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Nummer der Genehmigung: 05300567, Erweiterung 01
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3. Größen:
Sizes:
Ausführungen / versions 1 und / and 2:
XS(53/54), S(55/56), M(57/58), L(59/60), XL(61/62), XXL(63/64)

Ausführung / version 3:
S(49/50), M(51/52), L(53/54)
4. Name des Herstellers:
Manufacturer's name:
**Foshan City Nanhai Yongheng Helmet
Manufacturing Co. Ltd.
CN-Jiujiang Town, Nanhai, Foshan City**
5. Anschrift:
Address:
(s. 4.)
6. Gegebenenfalls Name des Vertreters des Herstellers:
If applicable, name of manufacturer's representative:
**entfällt
not applicable**
7. Anschrift:
Address:
(s. 6.)
8. Kurze Beschreibung des Helms:
Brief description of helmet:
**siehe Anlagen
see enclosures**
9. Helm mit schützender unterer Gesichtsabdeckung **(P)**
Helmet with protective lower face cover **(P)**
10. Visiertyp oder Visiertypen:
Type of visor or visors:
632A Visor, E1 22R 05300611 (Ausführung / version 2)
11. Kurze Beschreibung des Visiers oder der Visiere:
Brief description of visor or visors:
**siehe Anlagen
see enclosures**



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Nummer der Genehmigung: 05300567, Erweiterung 01
Approval No.:

12. Zur Genehmigung vorlegt am:
Submitted for approval on:
06.01.2017

13. Technischer Dienst, der die Prüfungen für die Genehmigungen durchführt:
Technical service responsible for conducting approval tests:
SGS-TÜV Saar GmbH
DE-81379 München

14. Datum des Gutachtens des Technischen Dienstes:
Date of report issued by that service:
06.01.2017

15. Nummer des Gutachtens des Technischen Dienstes:
Number of report issued by that service:
SHHOM160600460-01

16. Bemerkungen:
Comments:
entfällt
not applicable




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DE-24932 Flensburg

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Nummer der Genehmigung: 05300567, Erweiterung 01
Approval No.:

17. Die Genehmigung wird **erweitert**
Approval **extended**
18. Ort: **DE-24932 Flensburg**
Place:
19. Datum: **18.01.2017**
Date:
20. Unterschrift: **Im Auftrag**
Signature:


(D. Stieglitz)



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

Nebenbestimmungen und Rechtsbehelfsbelehrung
Collateral clauses and instruction on right to appeal

1 Prüfbericht mit Anlagen
1 Test report with appendices

1 Beschreibungsmappe R22-MX632-01 (32 Blatt)
1 Information folder R22-MX632-01 (32 sheets)



Kraftfahrt-Bundesamt

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Nr. der Genehmigung: 05300567, Erweiterung 01
Approval No.:

- Anlage -

Nebenbestimmungen und Rechtsbehelfsbelehrung

Nebenbestimmungen

Die Einzelerzeugnisse der reihenweisen Fertigung müssen mit den Genehmigungsunterlagen genau übereinstimmen. Die in der bisherigen Genehmigung enthaltenen Auflagen gelten auch für diese Erweiterung.

Rechtsbehelfsbelehrung

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

- Attachment -

Collateral clauses and instruction on right to appeal

Collateral clauses

The individual production of serial fabrication must be in exact accordance with the approval documents. The requirements contained in the previous approval are also valid for this amendment.

Instruction on right to appeal

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

Technical Report

Test standard:
ECE Regulation No. 22

Level of amendment:
Supplement 2 to the 05 series of amendments

Name of test standard
Protective helmets and their visors

Manufacturer:
FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.

Type:
MX632

Subject of testing:
Component

0	<u>General:</u>	
0.1	Make (trade name of manufacturer):	Y, YOHE, MT, O'NEAL , LAZER, NOX, BiLT, ZOAN, GIVI, VEMAR, CASTLE, CASTLE X, FTS, BIEFFE, SPYDER, BLACK BILMOLA, XVX, CORSA, MXO, FALCON
0.2	Type:	MX632
0.2.1	Commercial description(s):	2 SERIES, Sierra II, 2 Series Youth MX632, MX632A, MX632S
0.3	Means of identification of type, if marked on the vehicle / component / technical unit:	n.a.
0.3.1	Location of that markings:	n.a.
0.4	Category of vehicle:	n.a.
0.5	Manufacturer's name and address:	FOSHAN CITY NANHAI YONGHENG HEL- MET MANUFACTURING CO., LTD. Yannan Industrial Area, Longgao Road, Jiujiang, Foshan City, Guangdong Province, China
0.8	Address of assembly plant:	FOSHAN CITY NANHAI YONGHENG HEL- MET MANUFACTURING CO., LTD. Yannan Industrial Area, Longgao Road, Jiujiang, Foshan City, Guangdong Province, China
0.9	Name and address of representative:	n.a.
	Location of the approval mark:	refer to information document

1 **Test record:**

See appendix

2 **Attachments:**

2.1 List of modifications:

2.2 Information folder:

No.: **R22-MX632-01**

Date of issue: **28.12.2016**

3 Statement of conformity:

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

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

EN ISO/IEC 17025:2005 EN ISO/IEC 17020:2012

Test Laboratory
SGS-TÜV Saar GmbH

notified by

Kraftfahrt-Bundesamt (KBA),
Federal Republic of Germany

National Standards
Authority of Ireland (NSAI)

Rijksdienst voor het
Wegverkeer (RDW),
The Netherlands

No. KBA - P 00084 – 10

No. 101

No. 99050064 00

Responsible expert

Conformity check by



Lell Wu



Doris Yang

Shanghai, 06.01.2017

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Test record

1 Test object and measuring equipment

1.1 Test object

- Protective helmet (without visor)
- Protective helmet (with visor)
- Visor

1.1.1 Protective Helmet

Type: MX632
 Sizes: Version 1 helmets: XS(53/54), S(55/56), M(57/58), L(59/60), XL(61/62), XXL(63/64)
Version 2 helmets: XS(53/54), S(55/56), M(57/58), L(59/60), XL(61/62), XXL(63/64)
Version 3 helmets: S(49/50), M(51/52), L(53/54)

Lower face cover:

- Without lower face cover (J)
- Protective (P)
- Non protective (NP)

1.1.2 Helmet visor

Visor type: 632A Visor
Refer to approval no.: E1 22R 05300611

1.1.3 Sun shade

The helmet is equipped with a swivel-mounted sun shade, which may only be used in combination with the visor in closed position according to the user manual

Version 1: Helmet without a visor and a sun shade (MX632, 2 SERIES)
Version 2: Helmet with a visor and a sun shade (MX632A, Sierra II)
Version 3: Smaller Helmet without a visor and a sun shade (MX632S, 2 Series Youth)

1.1.4 Remarks:

n.a.

1.2 Equipments for measuring and testing:

1.2.1 Test equipment: The equipment and the test facilities on which the tests were carried out fulfilled the requirements of the ECE Regulation 22.05

1.2.2 Measurement procedure: according to ECE Regulation No. 22.05

2 Test Results

Due to the reason of extension (see attachment 2.1 List of modifications), all tests related were repeated according to this regulation, test results refer to bellow items. The former test results remain valid.

2.1 Protective helmet

2.1.1 Marking (clause 4.1.1, 4.4)

All required information, in accordance with the ECE R22.05, is given by the labels

- fulfilled
- Not fulfilled
- n.a.

2.1.2 Basic construction (clause 6.1)

Shell + Protective padding + Retention system

- fulfilled
- Not fulfilled
- n.a.

2.1.3 If fitted with non protective lower face cover (clause 6.2)

- Marked "Does not protect chin from impacts"
- Marked with symbol
- n.a.



2.1.4	Extent of the protection (clauses 6.4, 6.5)	<p>The shell and the protective padding cover all areas as required</p> <p> <input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a. </p>
2.1.5	Projections / irregularities / sharp edges (clauses 6.6 to 6.9)	<p>All external projections other than press-fasteners are smooth and adequately faired, all external projections which are not more than 2 mm above the outer surface of the shell, have a radius of more than 1 mm, all external projections which are more than 2 mm above the outer surface of the shell have a radius of more than 2 mm.</p> <p>All projections or irregularities in the outer surface of the shell which are higher than 2 mm, fulfill the requirements after the shear assessment test. The outer surface of the helmet fulfills the requirements after the friction assessment test.</p> <p>There are no inward-facing sharp edges on the inside of the helmet; rigid, projecting internal parts are covered with padding so that any stresses transmitted to the head are not highly concentrated.</p> <p> <input checked="" type="checkbox"/> fulfilled <input type="checkbox"/> Not fulfilled <input type="checkbox"/> n.a. </p>

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

Helmet No.	Helmet Size (cm)	Condition	Projections	Friction
MX632A-M-3	57/58	Solvent plus ambient temperature and hygrometry conditioning	Pass	Pass
MX632S-L-8	53/54	Solvent plus ambient temperature and hygrometry conditioning	Pass	Pass

2.1.7 Peripheral vision (clause 6.14)

Horizontal ($\geq 105^\circ$): fulfilled
 Not fulfilled
 n.a.

Upwards ($\geq 7^\circ$): fulfilled
 Not fulfilled
 n.a.

Downwards ($\geq 45^\circ$): fulfilled
 Not fulfilled
 n.a.

2.1.8 Conspicuity marking (clause 6.16) fulfilled
 Not fulfilled
 n.a.

2.1.9 Impact-absorption tests
(clause 7.3)

x	fulfilled
	Not fulfilled
	n.a.

Size: 61/62 cm

Test Head Form: O (62 cm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G $\leq 275g$	HIC ≤ 2400
MX63 2A-XL- 1	Solvent plus ambient temperature and hygrometry conditioning	Kerbstone	B	7.59	173.1	1127
		Kerbstone	X	7.59	164.8	1135
		Flat	P	7.59	179.2	1624
		Flat	R	7.60	186.2	1517
MX63 2A-XL- 2	Solvent plus ambient temperature and hygrometry conditioning	Flat	B	7.57	177.7	1425
		Flat	X	7.58	216.1	1638
		Kerbstone	P	7.57	143.6	1014
		Kerbstone	R	7.58	136.0	943
MX63 2A-XL- 3	Solvent plus heat conditioning	Kerbstone	B	7.54	260.7	1339
		Kerbstone	X	7.62	170.0	1104
		Kerbstone	P	7.55	127.5	924
		Kerbstone	R	7.57	129.4	1046
MX63 2A-XL- 4	Solvent plus low temperature conditioning	Flat	B	7.61	198.5	1352
		Flat	X	7.58	219.8	1635
		Flat	P	7.59	175.1	1493
		Flat	R	7.57	182.1	1475
		Flat	S	5.50	110.4	213
MX63 2A-XL- 5	Solvent plus ultra-violet radiation conditioning and moisture conditioning	Kerbstone	B	7.57	159.8	1059
		Flat	X	7.62	231.7	1786
		Flat	P	7.57	178.0	1553
		Kerbstone	R	7.55	138.0	964

Size: 53/54 cm

Test Head Form: E (54 cm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤ 275g	HIC ≤ 2400
MX632 A-XS-1	Solvent plus heat conditioning	Kerbstone	B	7.58	136.0	1015
		Kerbstone	X	7.57	170.0	1190
		Kerbstone	P	7.62	151.2	988
		Kerbstone	R	7.56	135.4	1059
MX632 A-XS-2	Solvent plus low temperature conditioning	Flat	B	7.58	173.2	1267
		Flat	X	7.55	226.0	1775
		Flat	P	7.55	188.1	1733
		Flat	R	7.58	167.5	1378
		Flat	S	5.51	56.5	64

Size: 57/58 cm

Test Head Form: J (57 cm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤ 275g	HIC ≤ 2400
MX632 A-M-1	Solvent plus heat conditioning	Kerbstone	B	7.56	128.1	859
		Kerbstone	X	7.55	147.9	1059
		Kerbstone	P	7.61	133.9	922
		Kerbstone	R	7.54	132.3	860
MX632 A-M-2	Solvent plus low temperature conditioning	Flat	B	7.59	164.2	1081
		Flat	X	7.55	219.3	1630
		Flat	P	7.58	183.0	1592
		Flat	R	7.57	161.2	1246
		Flat	S	5.51	64.6	132

Size: 59/60 cm

Test Head Form: M (60 cm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤ 275g	HIC ≤ 2400
MX632 A-L-1	Solvent plus heat conditioning	Kerbstone	B	7.52	153.9	1102
		Kerbstone	X	7.56	146.7	987
		Kerbstone	P	7.58	145.2	1062
		Kerbstone	R	7.60	136.5	934
MX632 A-L-2	Solvent plus low temperature conditioning	Flat	B	7.58	182.9	1413
		Flat	X	7.56	217.2	1686
		Flat	P	7.59	165.7	1606
		Flat	R	7.63	190.4	1552
		Flat	S	5.51	84.2	129

Note: above test results were for helmet with a visor and a sun shade (Version 2).

Size: 53/54 cm

Test Head Form: E (54 cm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2400
MX63 2S-L-1	Solvent plus ambient temperature and hygrometry conditioning	Kerbstone	B	7.56	160.8	1167
		Kerbstone	X	7.58	190.7	1399
		Flat	P	7.58	172.9	1733
		Flat	R	7.55	174.0	1479
MX63 2S-L-2	Solvent plus ambient temperature and hygrometry conditioning	Flat	B	7.58	158.2	1160
		Flat	X	7.58	241.7	2070
		Kerbstone	P	7.63	167.4	944
		Kerbstone	R	7.59	119.5	811
MX63 2S-L-3	Solvent plus heat conditioning	Kerbstone	B	7.56	158.6	1110
		Kerbstone	X	7.61	219.3	1466
		Kerbstone	P	7.58	142.5	1074
		Kerbstone	R	7.60	114.2	788
MX63 2S-L-4	Solvent plus low temperature conditioning	Flat	B	7.59	157.6	1129
		Flat	X	7.57	235.7	2180
		Flat	P	7.57	193.6	2112
		Flat	R	7.60	178.4	1430
		Flat	S	5.51	102.8	267
MX63 2S-L-5	Solvent plus ultra-violet radiation conditioning and moisture conditioning	Kerbstone	B	7.56	204.4	1316
		Flat	X	7.60	235.1	2092
		Flat	P	7.60	193.1	1944
		Kerbstone	R	7.59	126.3	935

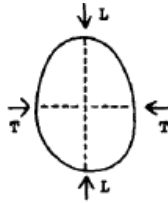
Size: 49/50 cm

Test Head Form: A (50 cm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤ 275g	HIC ≤ 2400
MX632 S-S-1	Solvent plus heat conditioning	Kerbstone	B	7.55	151.6	1261
		Kerbstone	X	7.55	182.1	1369
		Kerbstone	P	7.60	173.4	1490
		Kerbstone	R	7.59	186.9	1634
MX632 S-S-2	Solvent plus low temperature conditioning	Flat	B	7.57	203.9	1346
		Flat	X	7.54	226.7	1916
		Flat	P	7.59	194.4	2308
		Flat	R	7.59	184.9	1601
		Flat	S	5.50	64.5	145

Note: above test results were for smaller helmet without a visor and a sun shade (Version 3).

2.1.10 Rigidity test (clause 7.5)



- fulfilled
- Not fulfilled
- n.a.

Helmet No.	Size	Condition	Direction	Max. deformation (≤ 40 mm)	Residual deformation (≤ 15 mm)
MX632 A-XL-6	61/62	Solvent plus ambient temperature and hygrometry conditioning	Longitudinal axis	20.4	4.0
MX632 A-XL-7	61/62	Solvent plus ambient temperature and hygrometry conditioning	Transverse axis	16.9	2.4
MX632 S-L-6	53/54	Solvent plus ambient temperature and hygrometry conditioning	Longitudinal axis	21.6	4.3
MX632 S-L-7	53/54	Solvent plus ambient temperature and hygrometry conditioning	Transverse axis	17.2	2.3

2.2 Retention system

2.2.1 The retention system is protected from abrasion

- fulfilled
- Not fulfilled
- n.a.

2.2.2 Chin strap (clause 6.11.1, 6.11.2)

The width of the chin strap is more than 20 mm under load of 150 N and it doesn't include a chin-cup.

- fulfilled
- Not fulfilled
- n.a.

- 2.2.3 Adjustment device (clause 6.11.3) The retention system includes a device to adjust and maintain tension.
- fulfilled
 Not fulfilled
 n.a.
-
- 2.2.4 Fastening devices (clauses 6.11.4 to 6.11.9) The requirements for fastening devices and release mechanisms are in accordance to the requirements of the test standard.
- fulfilled
 Not fulfilled
 n.a.
-
- 2.2.5 Retention system dynamic test (clause 7.6)
- fulfilled
 Not fulfilled
 n.a.

Helmet No.	Helmet Size (cm)	Condition	Dynamic displacement (≤ 35 mm)	Residual displacement (≤ 25 mm)
MX632A-XS-3	53/54 (With type 1 retention system)	Solvent plus ambient temperature and hygrometry conditioning	28.7	16.0
MX632A-XS-4	53/54 (With type 2 retention system)		27.9	16.5
MX632A-XS-5	53/54 (With type 3 retention system)		29.4	16.1
MX632A-XS-6	53/54 (With type 4 retention system)		32.3	17.8
MX632S-S-3	49/50 (With type 1 retention system)		30.1	14.5
MX632S-S-4	49/50 (With type 2 retention system)		30.0	17.8
MX632S-S-5	49/50 (With type 3 retention system)		31.3	15.7
MX632S-S-6	49/50 (With type 4 retention system)		33.6	17.4

2.2.6 Retention (detaching) test
(clause 7.7)

fulfilled
 Not fulfilled
 n.a.

Helmet No.	Helmet Size (cm)	Condition	Movement of the reference line ($\leq 30^\circ$)
MX632A-XS-3	53/54 (With type 1 retention system)	Solvent plus ambient temperature and hygrometry conditioning	19°
MX632A-XS-4	53/54 (With type 2 retention system)		21°
MX632A-XS-5	53/54 (With type 3 retention system)		24°
MX632A-XS-6	53/54 (With type 4 retention system)		27°
MX632S-S-3	49/50 (With type 1 retention system)		25°
MX632S-S-4	49/50 (With type 2 retention system)		25°
MX632S-S-5	49/50 (With type 3 retention system)		26°
MX632S-S-6	49/50 (With type 4 retention system)		28°

2.2.7 Micro-slip test of the chin strap
(clause 7.9)

fulfilled
 Not fulfilled
 n.a.

Slippage of chin strap: ($\leq 10\text{mm}$): <10 mm

2.2.8 Chin strap, resistance to abrasion test
(clause 7.10)

fulfilled
 Not fulfilled
 n.a.

2.2.8.1 Chin strap, withstand a tension of 3 kN
(clause 7.10.5)

fulfilled
 Not fulfilled
 n.a.

2.2.9 Retention systems relying on quick-release mechanisms (clause 7.11)

2.2.9.1 Inadvertent release by pressure (clause 7.11.1)

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

2.2.9.2 Ease of release (clause 7.11.2)

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

2.2.9.3 Durability of quick-release mechanisms (clause 7.11.3)

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

2.3 Visor

<input type="checkbox"/>	n.a. (no visor)
<input checked="" type="checkbox"/>	n.a. (visor separately approved)

Refer to approval no.: E1 22R 05300611

2.4 Information for wearers
(clauses 14.1 to 14.6)

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

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

x	fulfilled
	Not fulfilled
	n.a.

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

"Does not protect chin from impacts"

	fulfilled
	Not fulfilled
x	n.a.

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

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

x	fulfilled
	Not fulfilled
	n.a.

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

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

x	fulfilled
	Not fulfilled
	n.a.

- | | | |
|---------|---|--|
| 2.4.4 | Every protective helmet offered for sale shall bear a label showing the type or types of visor that have been approved at the manufacturer's request. | <input checked="" type="checkbox"/> fulfilled
<input type="checkbox"/> Not fulfilled
<input type="checkbox"/> n.a. |
| 2.4.5 | Every visor offered for sale shall bear a label showing the types of protective helmet for which it has been approved | <input checked="" type="checkbox"/> fulfilled
<input type="checkbox"/> Not fulfilled
<input type="checkbox"/> n.a. |
| 2.4.6 | Every visor placed on the market with a protective helmet shall be accompanied by information in the national language, or in at least one of the national languages, of the country of destination. This information shall contain: | |
| 2.4.6.1 | General Instruction for Storage and Care | <input checked="" type="checkbox"/> fulfilled
<input type="checkbox"/> Not fulfilled
<input type="checkbox"/> n.a. |
| 2.4.6.2 | Specific instructions for cleaning and their notice of use. These instructions shall include a warning regarding the dangers of using unsuitable agents for cleaning (such as solvents), especially if abrasion resistant coatings are to be preserved. | <input checked="" type="checkbox"/> fulfilled
<input type="checkbox"/> Not fulfilled
<input type="checkbox"/> n.a. |
| 2.4.6.3 | Advice as to the suitability of the visor for use in conditions of poor visibility and during the hours of darkness. The following warning shall be included: | |
| | Visors with the marking indicating "day-time use only" are not suitable for use during the hours of darkness or in conditions of poor visibility. | <input checked="" type="checkbox"/> fulfilled
<input type="checkbox"/> Not fulfilled
<input type="checkbox"/> n.a. |

2.4.6.4 If appropriate, the following warning shall also be included

The fastening of this visor is such that it will not be possible to remove it instantly from the line of sight with one hand should an emergency (such as headlamp glare or misting) occur.

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

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

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

2.4.6.6 Instructions regarding the detention of obsolescence

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

3 Other information

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

Date of testing: 03.01.2017

4 Remarks: ---

List of modifications:

- | | | |
|---|------------------|--|
| 1 | Correction of: | Correct trade names or marks from “ONEAL” to “O’NEAL” |
| 2 | Modification of: | n.a. |
| 3 | Addition of: | <ol style="list-style-type: none">1. Further trade names or marks were added2. Further General commercial descriptions were added3. Variants / Versions add “Version 2: Helmet with a visor and a sun shade; Version 3: Smaller Helmet without a visor and a sun shade”4. Type(s) of visor to which may be equipped with this helmet add “632A Visor (For Version 2 helmets only)”5. Retention system add “Type 1: With K-001 buckle; Type 2: With K-002 buckle; Type 3: With StepMetic Lock buckle; Type 4: Double “D” ring” for Version 2 and Version 3 helmets. |
| 4 | Deletion of: | n.a. |

INFORMATION DOCUMENT

No.: R22-MX632-01



FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.

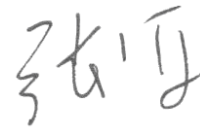
TYPE: MX632

Protective helmet with/without 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: 28.12.2016

Reason of extension:

Correction: Correct trade names or marks from "ONEAL" to "O'NEAL"

Modification: n.a.

Addition: 1. Further trade names or marks were added
2. Further General commercial descriptions were added
3. Variants / Versions add "Version 2: Helmet with a visor and a sun shade
Version 3: Smaller Helmet without a visor and a sun shade"
4. Type(s) of visor to which may be equipped with this helmet add "632A Visor (For
Version 2 helmets only)"
5. Retention system add "Type 1: With K-001 buckle; Type 2: With K-002 buckle;
Type 3: With StepMetic Lock buckle; Type 4: Double "D" ring" for Version 2 and
Version 3 helmets

Deletion: n.a.



Type : MX632
Manufacture : FOSHAN CITY NANHAI YONGHENG HELMET
MANUFACTURING CO., LTD.

Date: 28.12.2016

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0 GENERAL INFORMATION

- 0.1 Make (trade name of manufacturer) : Y, YOHE, MT, **O'NEAL**, LAZER, NOX, BiLT, ZOAN, GIVI, VEMAR, **CASTLE, CASTLE X, FTS, BIEFFE, SPYDER, BLACK BILMOLA, XVX, CORSA, MXO, FALCON**
- 0.2 Type : MX632
- 0.2.1 Commercial description : 2 SERIES, **Sierra II, 2 Series Youth MX632, MX632A, MX632S**
- 0.3 Variants / Versions : **Version 1: Helmet without a visor and a sun shade (MX632, 2 SERIES)**
Version 2: Helmet with a visor and a sun shade (MX632A, Sierra II)
Version 3: Smaller Helmet without a visor and a sun shade (MX632S, 2 Series Youth)
- 0.4 Name and address of manufacturer : FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.
Yannan Industrial Area, Longgao Road, Jiujiang, Foshan City, Guangdong Province, China
- 0.5 Name and address of assembly plant : FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.
Yannan Industrial Area, Longgao Road, Jiujiang, Foshan City, Guangdong Province, 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: XS(53/54), S(55/56), M(57/58), L(59/60), XL(61/62), XXL(63/64)
Version 2 helmet: XS(53/54), S(55/56), M(57/58), L(59/60), XL(61/62), XXL(63/64)
Version 3 helmet: S(49/50), M(51/52), L(53/54)
- 1.1.4 Drawing of the helmet : See Annex 1
- 1.1.5 Type(s) of visor to which may be equipped with this helmet : **632A Visor (For Version 2 helmets only)**
- 1.2 Description of the visor : **Visor type: 632A Visor**
Refer to approval no.: E1 22R 05300611
- 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



INFORMATION DOCUMENT

R22-MX632-01

Type : MX632
Manufacture : FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.

Date: 28.12.2016

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- 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) (Kg/m ³)	Protective padding Thickness (mm)	Protective padding Weight (Main + Top + Ear) (grams)
XS(53/54)	L	35+50+65	35-42	90+45+14
S(55/56)	L	35+50+65	35-42	90+45+14
M(57/58)	L	35+50+65	35-42	90+45+14
L(59/60)	L	45+65+65	32-41	100+55+14
XL(61/62)	L	45+65+65	32-41	100+55+14
XXL(63/64)	L	45+65+65	32-41	100+55+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+60+80	35-42	104+13+55+15
S(55/56)	L	40+20+60+80	35-42	104+13+55+15
M(57/58)	L	40+20+60+80	35-42	104+13+55+15
L(59/60)	L	50+20+75+80	32-41	112+13+68+15
XL(61/62)	L	50+20+75+80	32-41	112+13+68+15
XXL(63/64)	L	50+20+75+80	32-41	112+13+68+15

Version 3 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)	S	35+20+65+80	32-40	90+10+38+14
S(55/56)	S	35+20+65+80	32-40	90+10+38+14
M(57/58)	S	35+20+65+80	32-40	90+10+38+14

- 1.4.3 Drawing of the protective padding : See Annex 3

1.5 Description of comfort padding

- 1.5.1 Composition of Comfort padding : Compound sponge
- Comfort tissue : Compound cloth
- Protection of the back of the nape : Compound sponge
- Lateral packing : EPS and compound sponge
- Lower face cover : EPS and PC
- 1.5.2 Drawing of the comfort padding : See Annex 4



Type : MX632
Manufacture : FOSHAN CITY NANHAI YONGHENG HELMET
MANUFACTURING CO., LTD.

- 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:
Type 1: Quick release mechanism
Type 2: Double "D" ring

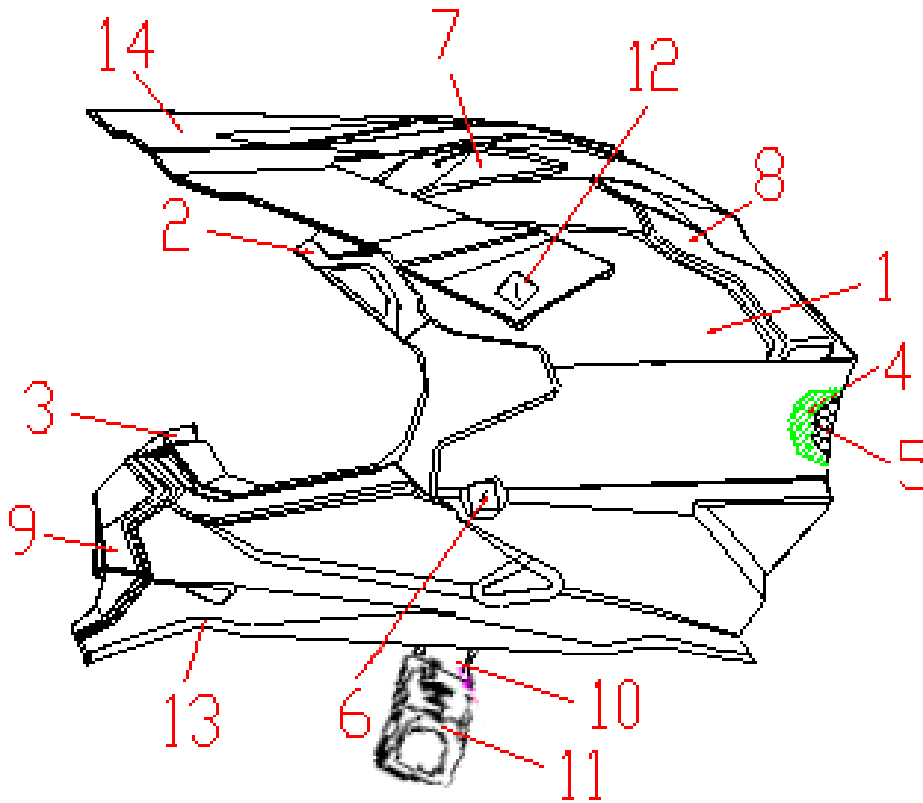
 - Version 2 and Version 3 helmets:**
Type 1: With K-001 buckle
Type 2: With K-002 buckle
Type 3: With StepMetic Lock buckle
Type 4: Double "D" ring
 - 1.6.3 Comfort padding of the retention system
 - Composition : Leather and fabric
 - Thickness : 2 mm
 - 1.6.4 Anchorage system to the shell : By a metallic piece fitted to the internal part of the shell by a rivet
 - 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



Type : MX632
Manufacture : FOSHAN CITY NANHAI YONGHENG HELMET
MANUFACTURING CO., LTD.

ANNEXS		
Annex 1	Drawing of the helmet	
	MX632 helmet (Version 1)	28.12.2016
	MX632A helmet (Version 2)	28.12.2016
	MX632S helmet (Version 3)	28.12.2016
Annex 2	Drawing of the shell	
	MX632 shell	30.05.2016
	MX632A shell	28.12.2016
	MX632S shell	28.12.2016
Annex 3	Drawing of the protective padding	
	MX632 Large protective padding	30.05.2016
	MX632 Small protective padding	30.05.2016
	MX632 Ear protective padding	30.05.2016
	MX632 Mouth protective padding	30.05.2016
	MX632A Large protective padding	28.12.2016
	MX632A Small protective padding	28.12.2016
	MX632A Ear protective padding	28.12.2016
	MX632A Mouth protective padding	28.12.2016
	MX632A Top outer protective padding	28.12.2016
	MX632S Protective padding	28.12.2016
	MX632S Ear protective padding	28.12.2016
	MX632S Mouth protective padding	28.12.2016
	MX632S Top outer protective padding	28.12.2016
Annex 4	Drawing of the comfort padding	30.05.2016
Annex 5	Drawing of the retention system	
	MX632 Retention system (Quick release buckle)	30.05.2016
	MX632 Retention system (Double "D" ring)	30.05.2016
	MX632A/MX632S Retention system (with K-001 buckle)	28.12.2016
	MX632A/MX632S Retention system (with K-002 buckle)	28.12.2016
	MX632A/MX632S Retention system (with StepMetic Lock buckle)	28.12.2016
	MX632A/MX632S Retention system (Double "D" ring)	28.12.2016
Annex 6	Information for wearer	28.12.2016

Annex 1: Drawing of the helmet



Number	Name	Material	Number	Name	Material
1	Shell	ABS	8	After top vents	ABS
2	Upper rubber trim	PVC	9	Mouth vent	ABS
3	Edge trim	PVC	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 vents	ABS	14	Peak	PP
Description	MX632 helmet (Version 1)		Code No.:	MX632	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang, Foshan City, Guangdong Province, China				
Drawn by:	Pang Yunqiang	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	28.12.2016	Date:	28.12.2016	Date:	28.12.2016