



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de la Mobilité
et des Travaux publics

Département de la mobilité
et des transports

SOCIÉTÉ NATIONALE DE
CERTIFICATION ET D'HOMOLOGATION
S.A.

Registre de Commerce: B 27180

L-8070 Bertrange



Référence: E13*22R05/03*10397*01

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Bertrange, le 31 août 2020

Communication concernant ⁽²⁾:

Communication concerning ⁽²⁾:



- ~~la délivrance d'une homologation~~
approval granted
- ~~l'extension d'homologation~~
approval extended
- ~~le refus d'homologation~~
approval refused
- ~~le retrait d'homologation~~
approval withdrawn
- ~~l'arrêt définitif de la production~~
production definitely discontinued

**d'un type de casque de protection sans / avec / un / plusieurs / type(s) d'écran
en application du Règlement N°22**

of a type of protective helmet ~~without~~ / with / one / ~~more~~ / visor type(s) pursuant to regulation N°22

Homologation N°:

Approval number:

E13*22R05/03*10397*01

Marque(s) d'homologation:

Approval mark(s):

Casque:

Helmet:



0510397/P-XXXX

Ecran(s):

Visor(s):



0510338

1. Marque de fabrique ou de commerce:

Trade mark:

TCK

Marque(s) de commerce:

Commercial mark(s):

TCK, KYT, INK, SUOMY

2. Type:

NX RACE

Version(s):

NX RACE, NZ RACE

Dénomination(s) commerciale(s):

Commercial description(s):

NX RACE, NZ RACE, NZ-Race, NZ-Race R,

NX- Race R, NZ-Race 2, NX-Race 2



3. **Tailles:**
Sizes: XS 54, S 56, M 58, L 60, XL 62, XXL 63
4. **Nom du fabricant:**
Manufacturer's name: PT TARA CITRA KUSUMA
5. **Adresse du fabricant:**
Address of manufacturer: Jalan Meranti 3 Blok L 10 No. 3 & 5,
Delta Silicon Industrial Park,
Lippo Cikarang Bekasi,
Jawa Barat – Indonesia 17550
6. **Le cas échéant, nom de son représentant:**
If applicable, name of manufacturer's representative: not applicable
7. **Adresse du représentant:**
Address of manufacturer's representative: not applicable
8. **Description sommaire du casque:**
Brief description of helmet: The integral-faced helmet NX RACE is composed of a shell made fiberglass.
The protective padding is made of one EPS (Expanded Poly Styrene) size liner, two EPS side liner and one EPS crown liner at the top area.
The adaptation to the different head sizes is done by different thickness of the size liner, and different thickness of the comfort padding
9. **Casque dépourvu de protection maxillaire (J) muni d'une protection maxillaire intégrale (P) d'une protection maxillaire non intégrale (NP) ⁽²⁾:**
~~Helmet without lower face cover (J)~~
~~with protective lower face cover (P)~~
~~with non-protective lower face cover (NP) ⁽²⁾:~~ with protective lower face cover (P)
10. **Type de l'écran ou des écrans:**
Type of visor or visors: NFR
11. **Description sommaire de l'écran ou des écrans:**
Brief description of visor or visors: Clear visor, made of Polycarbonate (PC) with hardened coating on the surface, and a thickness of 2.0 mm
12. **Présenté à l'homologation le:**
Submitted for approval on: 19.05.2020
13. **Service technique chargé des essais d'homologation:**
Technical service responsible for conducting approval tests: TÜV Rheinland Luxemburg s.à r.l.
2-4, rue Edmond Reuter
L-5326 Contern
14. **Date du procès-verbal délivré par ce service:**
Date of report issued by that service: 19.08.2020
15. **Numéro du procès-verbal délivré par ce service:**
Number of report issued by that service: 85-R22-517/20-00
16. **Remarques:**
Comments: not applicable
17. **Homologation ⁽²⁾:**
Approval ⁽²⁾: granted / extended / refused / withdrawn



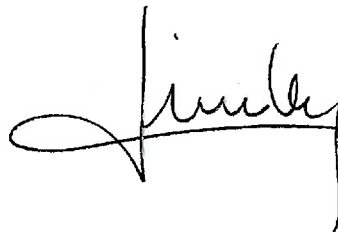
18. **Lieu:**
Place: Bertrange
19. **Date:**
Date: 31 août 2020
20. **Signature:**
Signature:

Pour le Ministre de la Mobilité
et des Travaux publics



Alain DISIVISCOUR
Conseiller

Pour la SNCH



Laurent LINDEN
Directeur opérationnel



21. **Les documents suivants portant le numéro d'homologation indiqué ci-dessus peuvent être obtenus sur demande:**
The following documents, bearing the approval number shown above, are available on request:

see: INDEX to TYPE-APPROVAL REPORT

Modifications faisant l'objet de la présente extension:
Reason for extension:

refer to Appendix 0 of test report

(2) **Biffer les mentions inutiles.**
Strike out what does not apply.





Référence: E13*22R05/03*10397*01

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Bertrange, le 31 août 2020

INDEX DU DOSSIER D'HOMOLOGATION INDEX TO TYPE-APPROVAL REPORT

	Numéro d'homologation: Approval number:	E13*22R05/03*10397*01
	Révision: Revision:	00
	Marque de fabrique ou de commerce: Trade name or mark:	TCK
	Type: Type:	NX RACE
1.	Procès-verbal d'essai: Test report:	N° 85-R22-517/20-00
	- Test report:	Pages 1 to 4;
	- List of modifications:	Appendix 0 Page 5;
	- Technical information:	Appendix L Page 6;
	- Test minutes:	Appendix 1 Pages 7 to 14.
2.	Dossier du constructeur: Report of the manufacturer:	N° TCK-NX RACE-01
	- Manufacturer's information document:	Pages <u>1</u> to <u>22</u> .
3.	Autres documents annexés: Other documents annexed:	not applicable
4.	Date de délivrance de l'homologation initiale: Date of issue of initial type approval:	03.09.2018
5.	Date de la dernière délivrance de pages révisées: Date of last issue of revised pages:	not applicable
6.	Date de la dernière délivrance d'une homologation révisée: Date of last extension:	31.08.2020



TEST REPORT

according with UN-Regulation

**Protective helmets and their visors for drivers and passengers of
motor cycles and mopeds**

UN-Regulation No. 22
including all amendments
Amend. 05, Suppl. 3

Previously granted	
UN approval	: E13*22R05/02*10397*00

Structure of report :

0. General
1. Test object(s)
2. Test minutes
3. Comments to test object
4. Appendices
5. Statement of conformity

The Test Report shall be reproduced and published only in its entirety by the client. It may however be reproduced and published partially, but only with the written permission of the Testing Laboratory.

Manufacturer : PT TARA CITRA KUSUMA
Type : NX RACE

0. General

- 0.1. Trade name or mark : TCK
Commercial mark(s) : TCK, KYT, INK, SUOMY
- 0.2. Type : NX RACE
Commercial description(s) : NX RACE, NZ RACE, NZ-Race, NZ-Race R, NX-Race R, NZ-Race 2, NX-Race 2
Version(s) : NX RACE, NZ RACE
- 0.3. Helmet category : P (acc. 5.1.4.1.2.1 of UN-Reg. No. 22.05)
- 0.4. Name and address of the manufacturer : PT TARA CITRA KUSUMA
Jalan Meranti 3 Blok L 10 No. 3 & 5,
Delta Silicon Industrial Park, Lippo Cikarang
Bekasi, Jawa Barat – Indonesia 17550
of the authorized representative : Not applicable
- 0.5. Number of information folder : TCK-NX RACE-00
TCK-NX RACE-01
Date : August 16, 2018
June 10, 2020
Revision status : Not applicable

1. Test object(s)

- 1.1. Description
Identification number : Prototype, marking after granting UN approval
Type : NX RACE
- 1.1.1. Structure of the helmet : The integral-faced helmet NX RACE is composed of Fiberglass shell.
The protective padding is made of one EPS (Expanded Poly Styrene) size liner, one EPS crown liner at the top area and two EPS side liners.
The adoption to the different head sizes is done by different thickness of the size liner, and different thickness of the comfort padding.
- 1.1.2. Structure of visor : Clear visors, made of Polycarbonate (PC) with hardened coating on the surface, and a thickness of 2.0 mm.

Manufacturer : PT TARA CITRA KUSUMA
Type : NX RACE

- 1.1.3 List of parts : See information document of the manufacturer
- 1.1.4 Location of the marking : The UN-label is sewed on the chinstrap.
- 1.1.5 Helmet sizes : XS 54, S 56, M 58, L 60, XL 62, XXL 63
- 1.1.6 Material of the outer shell : Fiberglass
- 1.1.7 Material of the visor : Polycarbonate (PC)
- 1.1.8 Marking of the visor : Approval marking
NFR
- 1.2. Worst case configuration : No worst case assessment required (only one variant/version or no variants/versions).
There is no worst case selection applicable because all versions mentioned in the information folder are tested.
- 1.3. Remarks : Without
- 2. Test minutes**
- 2.1. Test equipment : The measurement equipment used was in compliance with the test requirements.
- 2.2. Test results
- 2.2.1. Summary of test results : See test minutes Appendix 1
- 2.3. Additional information
- 2.3.1. Test object received on : July 09, 2018
May 19, 2020
- 2.3.2. Test date : July 09, 2018
May 19, 2020
- 2.3.3. Test site : TÜV Rheinland (Guangdong) Ltd.
Guangzhou Helmet Laboratory
Room 103, Building A, No. 11 Jingye 3rd Street,
Yushu Industrial Park, Guangzhou Science City,
Guangzhou 510663, P.R. China
- 2.3.4. Remark : The results of the test refer exclusively to the object(s) mentioned at point 1 of this report.

3. Comments to the test object : ---

4. Appendices

0 List of modifications

L Technical description of type and communication concerning the UN approval

1 Test minutes : Appendix 1

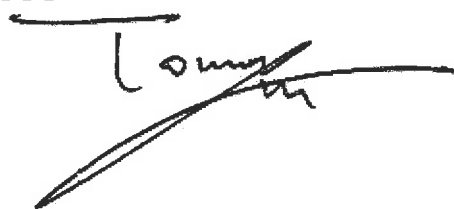
Information folder : TCK-NX RACE-01 (22 pages)

5. Statement of conformity

The Information Document listed in section 0.5., and the type described therein, comply with the requirements stated on page 1. The test results in this report refer to the vehicle(s)/object(s) described under section 1.1. With regards to the required level of performance to be achieved, the tested samples were representative for the type to be approved (see section 1.2).

Engineering centre Shanghai, August 19, 2020

TYT



M.S. Tony Yan
Expert Technical Service

List of modifications

Appendix 0

Correction of	: ---
Modification of	: Editorial changes, standard supplement number
Addition of	: New version, new commercial descriptions
Deletion of	: ---

Manufacturer : PT TARA CITRA KUSUMA
Type : NX RACE

Technical description of type and communication concerning the UN approval

Appendix L

1. **Trade mark** : TCK
- Commercial mark(s)** : TCK, KYT, INK, SUOMY
2. **Type** : NX RACE
- Commercial description(s)** : NX RACE, NZ RACE, NZ-Race, NZ-Race R, NX-Race R, NZ-Race 2, NX-Race 2
- Version(s)** : NX RACE, NZ RACE
3. **Sizes** : XS 54, S 56, M 58, L 60, XL 62, XXL 63
4. **Manufacturer's name** : PT TARA CITRA KUSUMA
5. **Address** : Jalan Meranti 3 Blok L 10 No. 3 & 5,
Delta Silicon Industrial Park, Lippo Cikarang
Bekasi, Jawa Barat – Indonesia 17550
6. **If applicable, name of manufacturer's representative** : Not applicable
7. **Address** : Not applicable
8. **Brief description of helmet** : The integral-faced helmet NX RACE is composed of Fiberglass shell.
The protective padding is made of one EPS (Expanded Poly Styrene) size liner, one EPS crown liner at the top area and two EPS side liners.
The adoption to the different head sizes is done by different thickness of the size liner, and different thickness of the comfort padding.
9. **Helmet** : With protective lower face cover (P)
10. **Type of visor or visors** : NFR
11. **Brief description of visor or visors** : Clear visors, made of Polycarbonate (PC) with hardened coating on the surface, and a thickness of 2.0 mm.
12. **Submitted for approval on** : May 19, 2020
13. **Date of report issued by that service** : August 19, 2020

Manufacturer : PT TARA CITRA KUSUMA
Type : NX RACE

Test minutes

Appendix 1

1. General

- | | | | |
|------|--|---|--|
| 1.1. | Make | : | TCK |
| | Commercial mark(s) | : | TCK, KYT, INK, SUOMY |
| 1.2. | Type | : | NX RACE |
| | Commercial description(s) | : | <u>NX RACE, NZ RACE, NZ-Race, NZ-Race R, NX-Race R, NZ-Race 2, NX-Race 2</u> |
| | Version(s) | : | <u>NX RACE, NZ RACE</u> |
| | Technical description helmet | : | The integral-faced helmet NX RACE is composed of Fiberglass shell.
The protective padding is made of one EPS (Expanded Poly Styrene) size liner, one EPS crown liner at the top area and two EPS side liners.
The adoption to the different head sizes is done by different thickness of the size liner, and different thickness of the comfort padding. |
| | Technical description visor | : | Clear visors, made of Polycarbonate (PC) with hardened coating on the surface, and a thickness of 2.0 mm. |
| 1.3. | Name and address of manufacturer | : | PT TARA CITRA KUSUMA
Jalan Meranti 3 Blok L 10 No. 3 & 5,
Delta Silicon Industrial Park, Lippo Cikarang
Bekasi, Jawa Barat – Indonesia 17550 |
| 1.4. | Name and address of manufacturer's authorized representative | : | Not applicable |

2. General arrangement of the helmet

- | | | | |
|------|----------------------|---|--|
| 2.1. | General requirements | : | The requirements of the covered zones are fulfilled for all helmet-sizes.
There are projections of the outer shell, greater than 2 mm. All external projections have a radius ≥ 1 mm, respectively ≥ 2 mm for external projections which are more than 2 mm above the outer shell.
The here described parts are rounded and convex to the outer shell surface. The outer shell is smooth in the meaning of the requirement. Under a load of 150 N the width of the chin strap is ≥ 20 mm. The chin strap is covered with an additional comfort padding. |
|------|----------------------|---|--|

The helmet is equipped with DD-rings.
The free end of the chin strap is adjusted.
Means are provided to prevent the retention system being completely undone.
Manufacturer-information about size and weight are located on the outer shell by adhesive label(s). Additional consumer information, in accordance to the UN-Reg. No. 22, is given by the owners manual, which is enclosed to the offered helmet.
The helmet is not equipped with retro reflective parts in accordance to the item 6.16 of the UN-Reg. No. 22.

- 2.2. Shock-absorption-tests : The determined values of acceleration were below the limit of 275g at an impact speed of 7,5 m/s (esp. 5,5 m/s at point S). The HIC-values were below the limit of 2400.

Shock-absorption-test results of NX RACE:

helmet size : XS 54
test-head-size : 54
anvil : Flat (Helm. 1), Kerbstone (Helm. 2)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 1 Low Temp. (-20°C)	B	209	1790
	XR	193	1565
	P	212	2177
	R	174	1243
	S	149	479
Helmet 2 High Temp. (+50°C)	B	139	921
	XR	141	988
	P	159	1263
	R	135	851
	S	---	---

Manufacturer : PT TARA CITRA KUSUMA
Type : NX RACE

helmet size : S 56
test-head-size : 54
anvil : Flat (Helm. 3), Kerbstone (Helm. 4)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 3	B	213	1874
Low Temp. (-20°C)	XR	196	1734
	P	225	2209
	R	177	1172
	S	113	316
Helmet 4	B	144	943
High Temp. (+50°C)	XR	145	1034
	P	158	1293
	R	124	824
	S	---	---

helmet size : M 58
test-head-size : 57
anvil : Flat (Helm. 5), Kerbstone (Helm. 6)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 5	B	180	1425
Low Temp. (-20°C)	XR	229	1937
	P	199	1723
	R	170	1287
	S	111	342
Helmet 6	B	139	959
High Temp. (+50°C)	XR	163	1169
	P	163	1267
	R	119	813
	S	---	---

Manufacturer : PT TARA CITRA KUSUMA
Type : NX RACE

helmet size : L 60
test-head-size : 60
anvil : Flat (Helm. 7), Kerbstone (Helm. 8)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 7	B	187	1363
Low Temp. (-20°C)	XR	187	1437
	P	213	2128
	R	148	956
	S	148	507
Helmet 8	B	130	802
High Temp. (+50°C)	XR	209	1253
	P	141	1132
	R	109	740
	S	---	---

helmet size : XL 62
test-head-size : 62
anvil : Flat (Helm. 9), Kerbstone (Helm. 10)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 9	B	201	1715
Low Temp. (-20°C)	XR	188	1421
	P	218	2172
	R	164	1066
	S	173	682
Helmet 10	B	136	960
High Temp. (+50°C)	XR	146	969
	P	160	1019
	R	115	757
	S	---	---

Manufacturer : PT TARA CITRA KUSUMA
Type : NX RACE

helmet size : XL 62
test-head-size : 62
anvil : Flat (Helm. 11), Kerbstone (Helm. 12)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 11	B	190	1616
Ambient	XL	199	1520
	P	195	1972
	R	168	1211
	S	---	---
Helmet 12	B	124	883
Ambient	XL	140	922
	P	204	1546
	R	114	759
	S	---	---

Shock-absorption-test results of NZ RACE:

helmet size : XL 62
test-head-size : 62
anvil : Flat (Helm. 1), Kerbstone (Helm. 2)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 1	<u>B</u>	<u>190</u>	<u>1407</u>
Low Temp. (-20°C)	<u>XR</u>	<u>216</u>	<u>1655</u>
	<u>P</u>	<u>203</u>	<u>1843</u>
	<u>R</u>	<u>170</u>	<u>1003</u>
	<u>S</u>	<u>112</u>	<u>336</u>
Helmet 2	<u>B</u>	<u>113</u>	<u>838</u>
High Temp. (+50°C)	<u>XR</u>	<u>143</u>	<u>964</u>
	<u>P</u>	<u>157</u>	<u>1079</u>
	<u>R</u>	<u>121</u>	<u>591</u>
	<u>S</u>	<u>---</u>	<u>---</u>

Manufacturer : PT TARA CITRA KUSUMA
Type : NX RACE

helmet size : XL 62
test-head-size : 62
anvil : Flat (Helm. 3), Kerbstone (Helm. 4)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 3	<u>B</u>	<u>166</u>	<u>1283</u>
Ambient	<u>XL</u>	<u>226</u>	<u>1792</u>
	<u>P</u>	<u>197</u>	<u>1762</u>
	<u>R</u>	<u>154</u>	<u>954</u>
	<u>S</u>	<u>---</u>	<u>---</u>
Helmet 4	<u>B</u>	<u>119</u>	<u>799</u>
Ambient	<u>XL</u>	<u>146</u>	<u>994</u>
	<u>P</u>	<u>183</u>	<u>1250</u>
	<u>R</u>	<u>113</u>	<u>676</u>
	<u>S</u>	<u>---</u>	<u>---</u>

2.3. Dynamical Test of the retention system

Helmet size	XS 54	XL 62	Limits
Test head size	54	62	
Dynamic movement (mm)	29.0	32.5	≤ 35 mm
Permanent movement after 2 min. (mm)	11.7	16.7	≤ 25 mm

2.4. Test of field of vision

Helmet size	XS 54	XL 62	Limits
Test head size	54	62	
Vertical angle of vision (°)			
Upwards	7	7	≥ 7°
Downwards	45	47	≥ 45°
Horizontal angle of vision (°)	212	214	≥ 210°

Manufacturer : PT TARA CITRA KUSUMA
Type : NX RACE

2.5. Rigidity-test

Rigidity-test results for NX RACE:

Helmet size	XL 62	Limits
Deformation under load (mm)		
Along the longitudinal axis	10.0	≤ 40 mm
Along the transversal axis	9.0	≤ 40 mm
Permanent deformation after 5 min		
Along the longitudinal axis	5.0	≤ 15 mm
Along the transversal axis	3.0	≤ 15 mm

Rigidity-test results for NZ RACE:

Helmet size	<u>XL 62</u>	Limits
Deformation under load (mm)		
Along the longitudinal axis	<u>16.0</u>	≤ 40 mm
Along the transversal axis	<u>7.0</u>	≤ 40 mm
Permanent deformation after 5 min		
Along the longitudinal axis	<u>5.0</u>	≤ 15 mm
Along the transversal axis	<u>3.0</u>	≤ 15 mm

2.6. Retention (detaching) test

Helmet size	XS 54	XL 62	Limits
Test head size	54	62	
Movement of the reference line (°)	21	17	≤ 30°

Manufacturer : PT TARA CITRA KUSUMA
Type : NX RACE

2.7. Chin strap and buckle test

	1.	Operation force of the automatic buckle according 7.11.2. Measured at static load of 150 N	
Helmet size		XS 54	XL 62
Test head size		54	62
Opening force (N)		Not applicable	
	2.	Resistance of the automatic buckle according 7.11.2. The load of 2000 N at the automatic buckles made no fracture or disengage. After the test the automatic buckle was still be capable of operation.	
	3.	Microslip-test of the chin strap according 7.9	
		DD-rings: < 5 mm	≤ 10 mm
	4.	Abrasion test the chin strap according 7.10. Not necessary in acc. with 7.10 (a), because the movement of the chin strap after 500 cycles was less than 5 mm	

2.8. Shear assessment test for projections or irregularities in the outer surface according 7.4.2

Helmet size	XL 62	
Test head size	62	
	Test with positive result at the following points of the outer shell:	
	1.	Rear air vent sliding tangential at the projection
		Positive

2.9. Test for friction assessment in acc. with 7.4.2

	The requirements are fulfilled.
--	---------------------------------

2.10. Visor tests

1. Mechanical characteristics in acc. to 7.8.2	
Helmet size	XL 62
Test head size	62
Conditioning of the visor	Low temp. (-20 °C)
Visor test piece 1	positive, no penetration, no sharp splinter
Visor test piece 2	positive, no penetration, no sharp splinter
Visor test piece 3	positive, no penetration, no sharp splinter
2. Optical characteristics and scratch resistance in acc. to 7.8.3	
Refer to visor type approval E13*22R05/02*10338*00	

PT TARA CITRA KUSUMA

Information folder No. TCK-NX RACE-01

Application date: June 10, 2020

Content

Content of Document No. TCK-NX RACE-00

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	Type	NX RACE
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PT TARA CITRA KUSUMA

Information folder No. TCK-NX RACE-01

Application date: June 10, 2020

INFORMATION DOCUMENT FOR TYPE-APPROVAL OF PROTECTIVE HELMETS AND/ ~~OR¹ OF THEIR VISORS~~ FOR DRIVERS AND PASSENGERS OF MOTOR CYCLES AND MOPEDS

Reason for extension: addition of new version; addition of commercial descriptions,
modification of regulation number.

1. Make (trade name or mark of the manufacturer) : TCK
Commercial mark(s) : TCK, KYT, INK, SUOMY
2. Type : NX RACE
Commercial description(s) : NX RACE, NZ RACE, NZ-Race, NZ-Race R,
NX-Race R, NZ-Race 2, NX-Race 2
Version(s) : NX RACE, NZ RACE
3. Sizes : XS 54, S 56, M 58, L 60, XL 62, XXL 63
4. Name of the manufacturer : PT TARA CITRA KUSUMA
5. Address of the manufacturer : Jalan Meranti 3 Blok L 10 No. 3 & 5,
Delta Silicon Industrial Park, Lippo Cikarang
Bekasi, Jawa Barat – Indonesia 17550
6. Name of the manufacturer's representative : Not applicable
7. Address of the manufacturer's representative : Not applicable

Brief description of the helmet : Protective helmet equipped with visor for
drivers and passengers of mopeds and
and/or¹ motorcycles

~~Brief description of visor~~

NOTE:

¹ striketrough where not applicable

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Information folder No. TCK-NX RACE-01

Application date: June 10, 2020

ADDITIONAL INFORMATION

Helmet ~~without lower face cover (J)~~ / with
protective lower face cover (P) / ~~with non~~
~~protective lower face cover (NP)~~

Type of visor or visors : NFR

~~Types of helmet to which the visor may be
fitted~~

Name and address of assembly plant : PT TARA CITRA KUSUMA
Jalan Meranti 3 Blok L 10 No. 3 & 5,
Delta Silicon Industrial Park, Lippo Cikarang
Bekasi, Jawa Barat – Indonesia 17550

Applicable regulation : UN-Reg. No. 22, 05 series of amendments

NOTE:

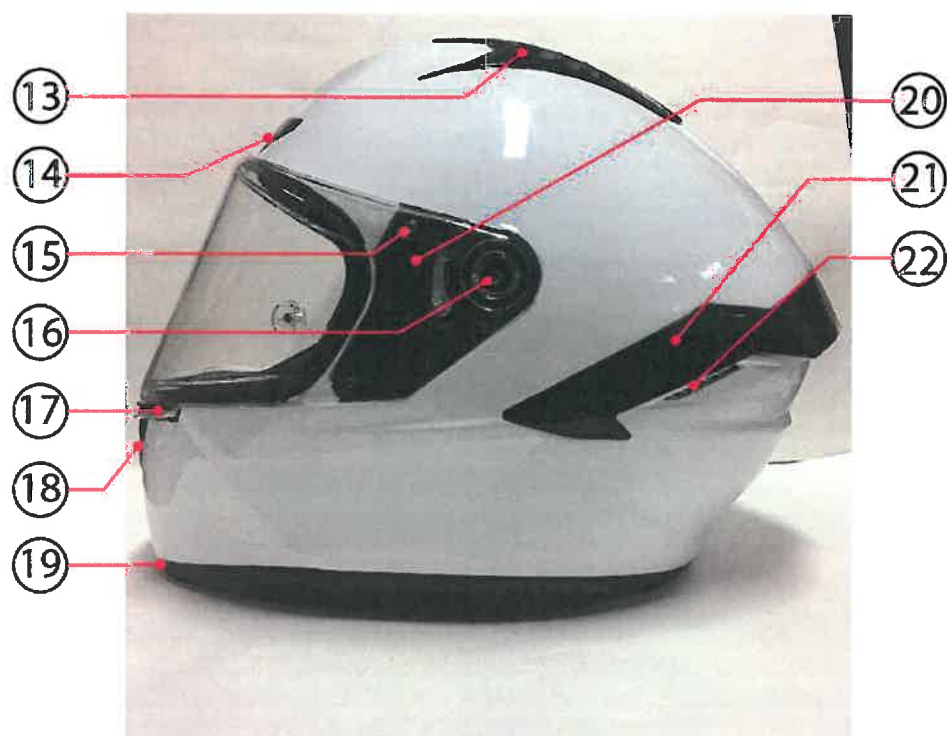
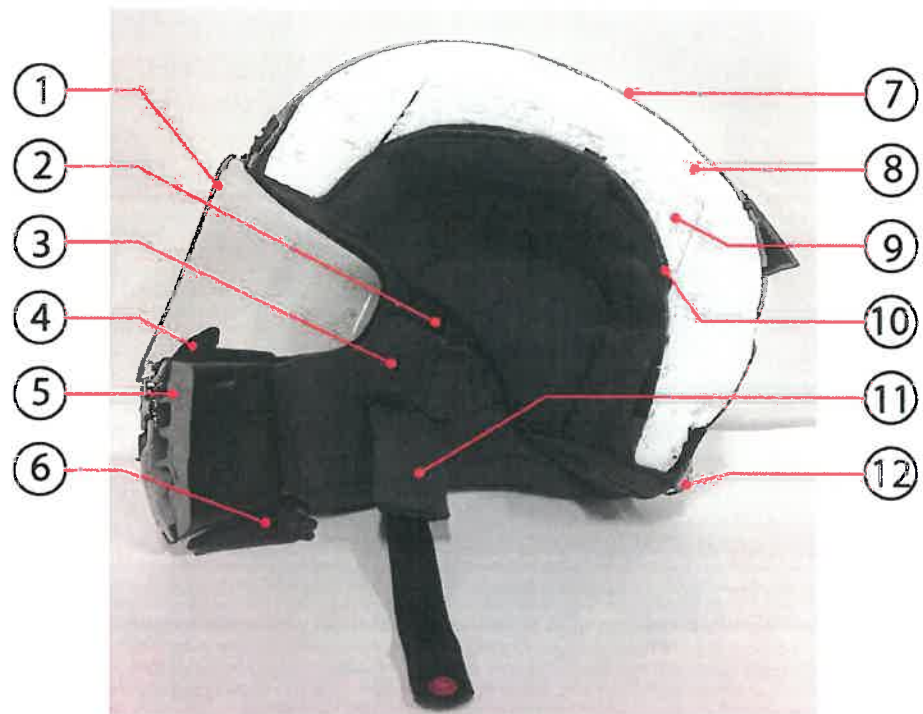
¹ strike through where not applicable

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DRW.

NX RACE-01

Assembly Drawing

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Part No.	Subject or name	Material
1	Visor	Polycarbonate
2	Side EPS	EPS
3	Side lining	Fabric + Foam
4	Nose guard	PVC
5	Chin guard	Polyurethane
6	Wind Stopper	Fabric + Polypropylene
7	Outer shell	Fiberglass
8	Protective padding	EPS
9	Crown EPS	EPS
10	Comfort padding	Fabric + Foam
11	Chinstrap	Leather + Nylon + Polyester
12	Trim connector	PVC
13	Top vent	Polycarbonate ABS
14	Front vent	Polycarbonate ABS
15	Ratchet	Polyacetal
16	Screw	Stainless steel
17	Visor lock	Polycarbonate ABS
18	Chin vent	Polycarbonate ABS
19	Bottom rubber trim	PVC
20	Spring	Steel
21	Spoiler vent	Polycarbonate ABS
22	Metal mesh	Aluminum
		Material list of parts

	Type	NX RACE
	Page	5 of 22

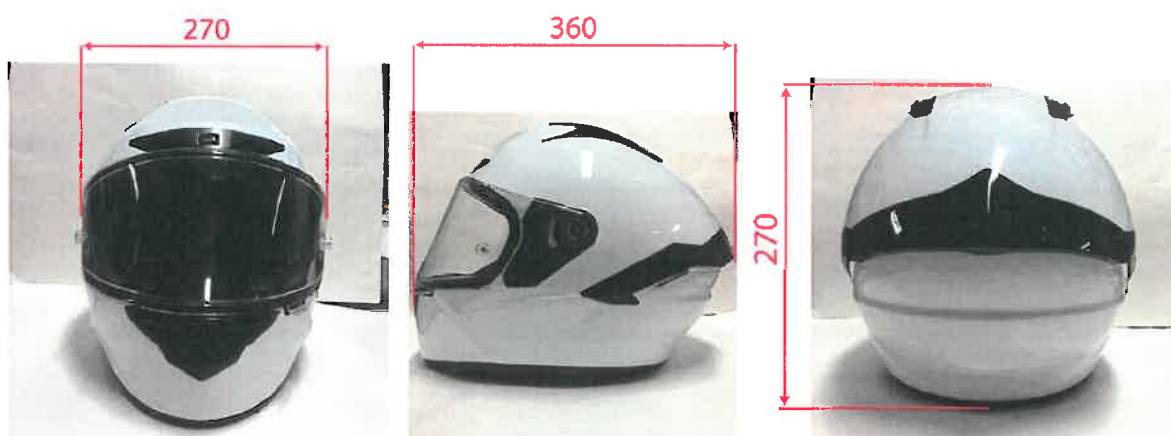
PT TARA CITRA KUSUMA

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SHELL SIZE M (for SIZES XS-L)



SHELL SIZE XL (for SIZES XL-XXL)

DRW.

NX RACE-02

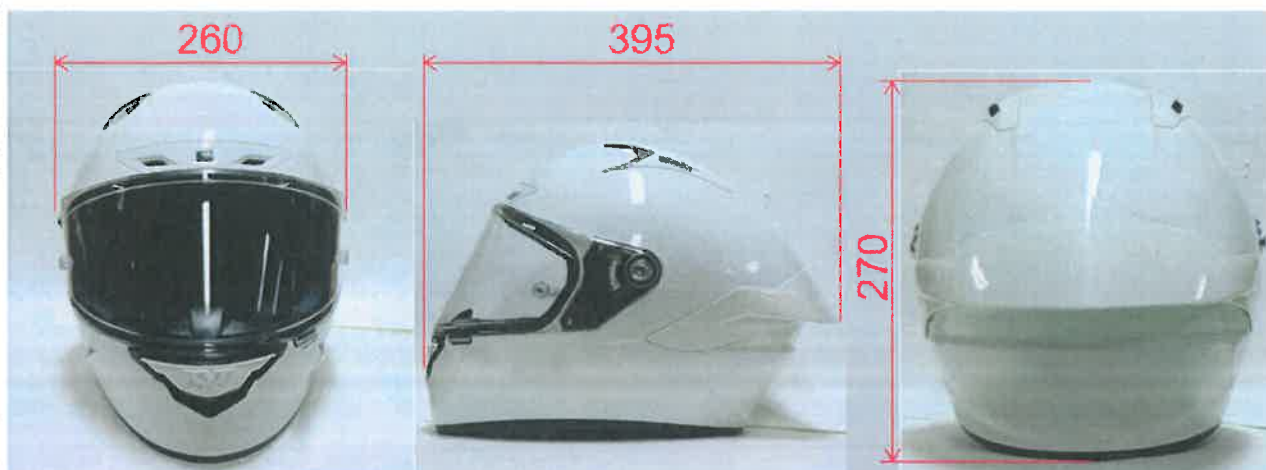
**Helmet section view
(for version of NX RACE)**

	Type	NX RACE
	Page	6 of 22

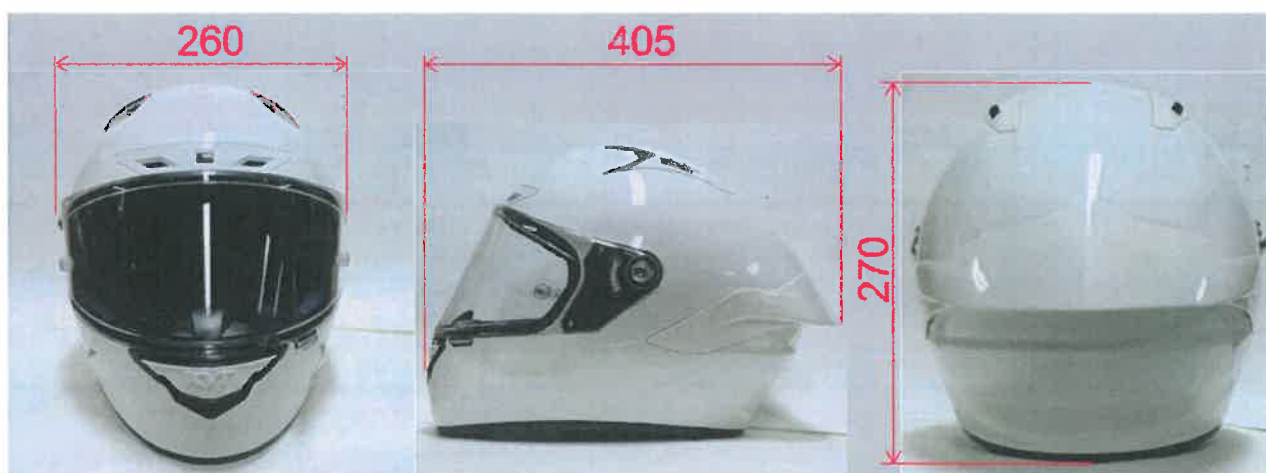
PT TARA CITRA KUSUMA

Information folder No. TCK-NX RACE-01

Application date: June 10, 2020



SHELL SIZE M (for SIZES XS-L)



SHELL SIZE XL (for SIZES XL-XXL)

DRW.

NX RACE-03

**Helmet section view
(for version of NZ RACE)**

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Impact absorption material thickness in millimeter, SHELL					
Size	Section B-Point	Section P-Point	Section R-Point	Section X-Point	Lower Face cover
XS	2	1.5	3.7	5.5	2.8
S	2	1.5	3.7	5.5	2.8
M	2	1.5	3.7	5.5	2.8
L	2	1.5	3.7	5.5	2.8
XL	2	1.3	2.3	5.1	2.9
XXL	2	1.3	2.3	5.1	2.9

Impact absorption material thickness in millimeter, LINER				
Size	Section B-Point	Section P-Point	Section R-Point	Section X-Point
XS	52	47	55	26
S	52	47	55	26
M	47	43	49	28
L	47	43	49	28
XL	48	40	39	28.5
XXL	48	40	39	28.5

Impact absorption material thickness in millimeter, LINING					
Size	Section B-Point	Section P-Point	Section R-Point	Section X-Point	Side Part Lining
XS	12	15	12	25	25
S	10	15	10	20	20
M	10	15	10	15	15
L	8	15	8	10	10
XL	23	15	12	15	15
XXL	20	15	8	10	10

	Type	NX RACE
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PT TARA CITRA KUSUMA

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Dimension and weight

1. Dimension of the shell:

For version of NX RACE:

SIZE	Length (mm)	Width (mm)	Height (mm)
XS-L	360	260	270
XL-XXL	360	270	270

For version of NZ RACE:

SIZE	Length (mm)	Width (mm)	Height (mm)
XS-L	<u>395</u>	<u>260</u>	<u>270</u>
XL-XXL	<u>405</u>	<u>270</u>	<u>270</u>

2. Total weight of the helmet:

Size	Weight (g)	Tolerance (g)
XS	1350	± 50
S	1350	± 50
M	1350	± 50
L	1350	± 50
XL	1500	± 50
XXL	1500	± 50

3. Specific gravity of the impact absorption liner

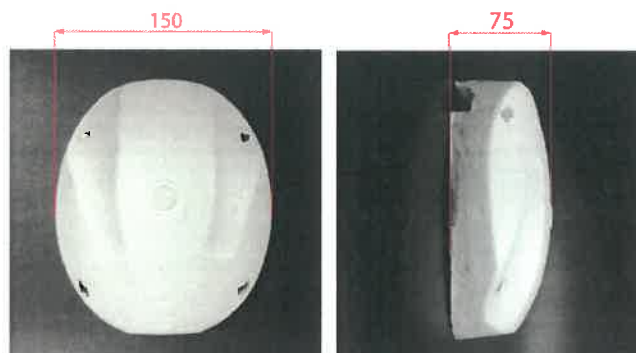
Size	Specific gravity of size liner (kg/m³)	Specific gravity of side liner (kg/m³)	Specific gravity of crown liner (kg/m³)
XS	35	45	25
S	35	45	25
M	35	45	25
L	35	45	25
XL	50	60	30
XXL	50	60	30

	Type	NX RACE
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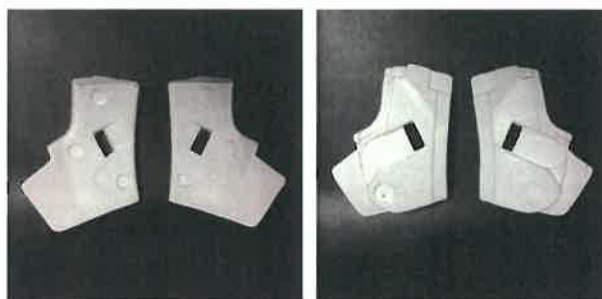
PT TARA CITRA KUSUMA

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CROWN EPS SIZE S



SIDE EPS SIZE M



SIZE EPS SIZE S

DRW.

NX RACE-04

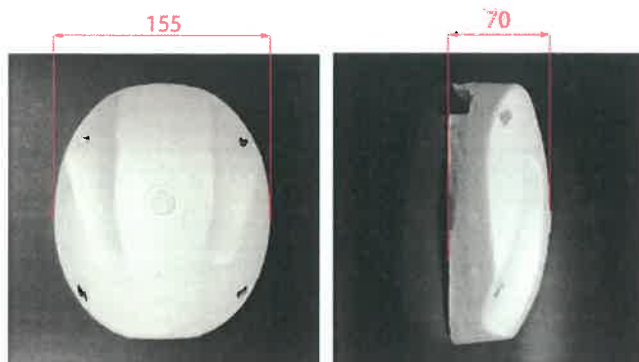
EPS details
(for SIZES XS- S)

	Type	NX RACE
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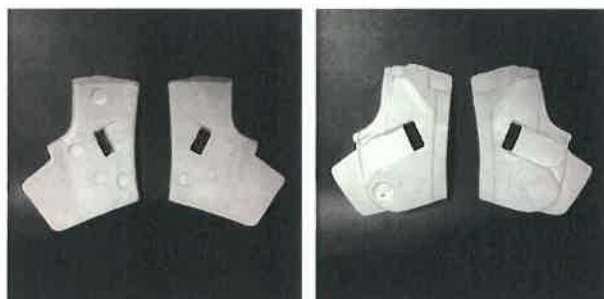
PT TARA CITRA KUSUMA

Information folder No. TCK-NX RACE-01

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CROWN EPS SIZE M



SIDE EPS SIZE M



SIZE EPS SIZE M

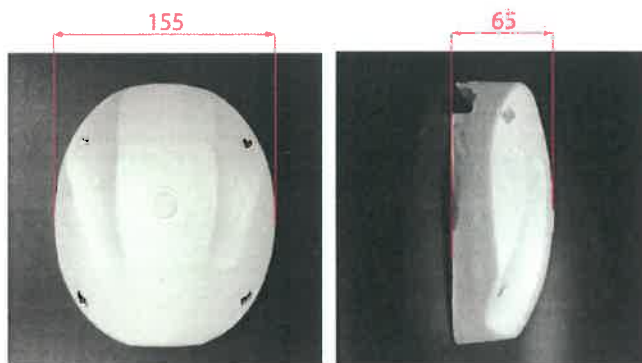
DRW.	NX RACE-05	EPS details (for SIZES M-L)
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	Type	NX RACE
	Page	11 of 22

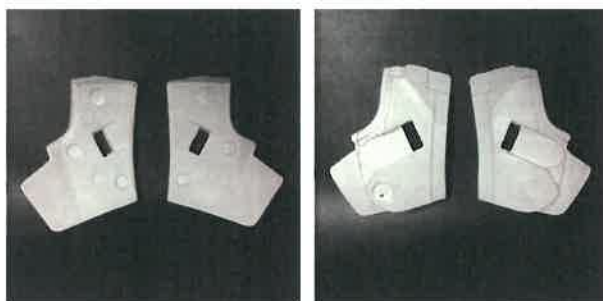
PT TARA CITRA KUSUMA

Information folder No. TCK-NX RACE-01

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CROWN EPS SIZE XL



SIDE EPS SIZE XL



SIZE EPS SIZE XL

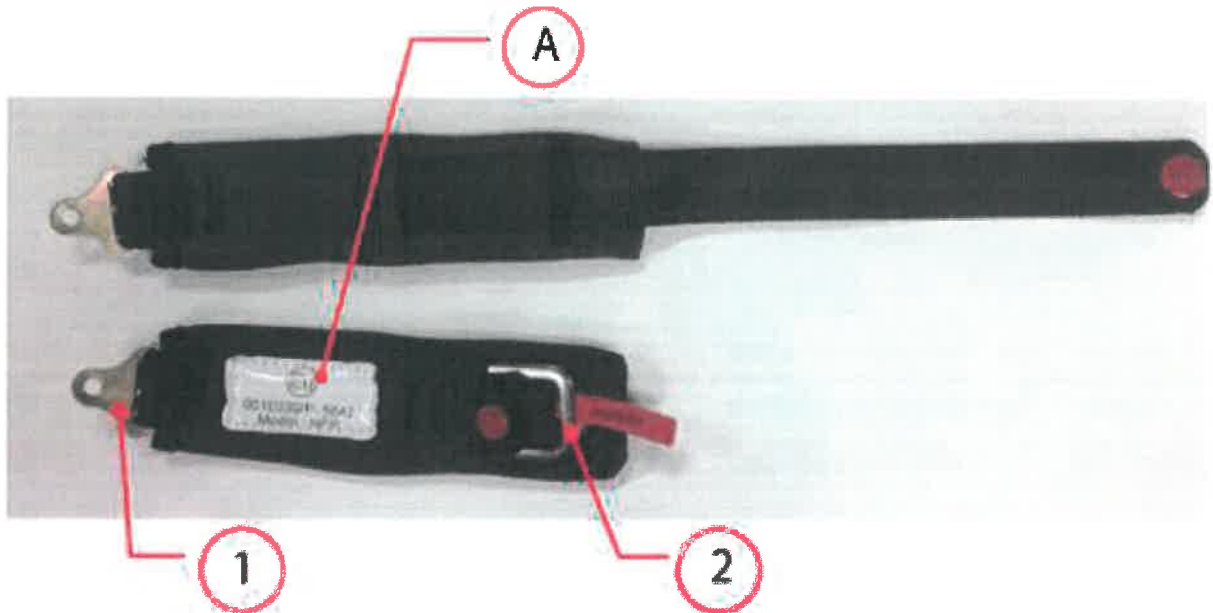
DRW.	NX RACE-06	EPS details (for SIZES XL-XXL)
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	Type	NX RACE
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CHINSTRAP

E13

0510397/P-XXXX
Model : NX RACE

VIEW A

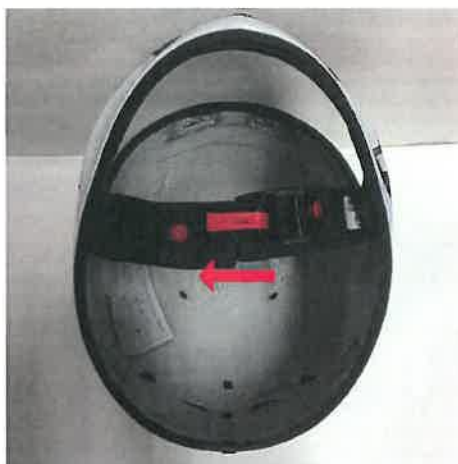
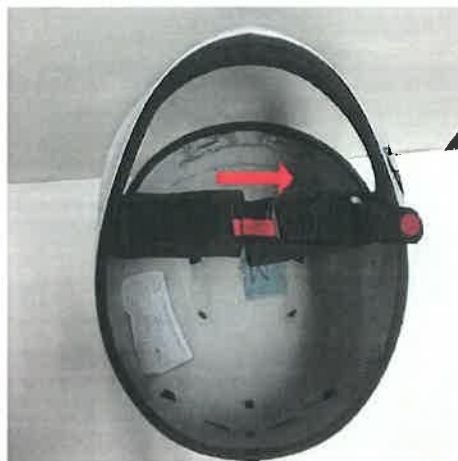
Part No.	Subject or name		Material
1	Bracket		Stainless Steel
2	DD RING BUCKLE		Stainless steel
	DRW.	NX RACE-07	Retention system

	Type	NX RACE
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DRW.

NX RACE-08

Retention system, chin
strap operation

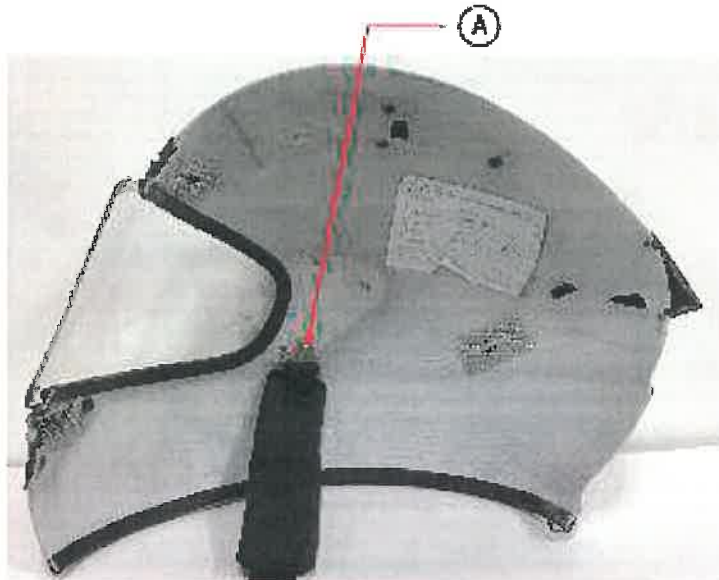
Type NX RACE

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VIEW A

DRW.

NX RACE-09

**Chinstrap Anchorage
position details**

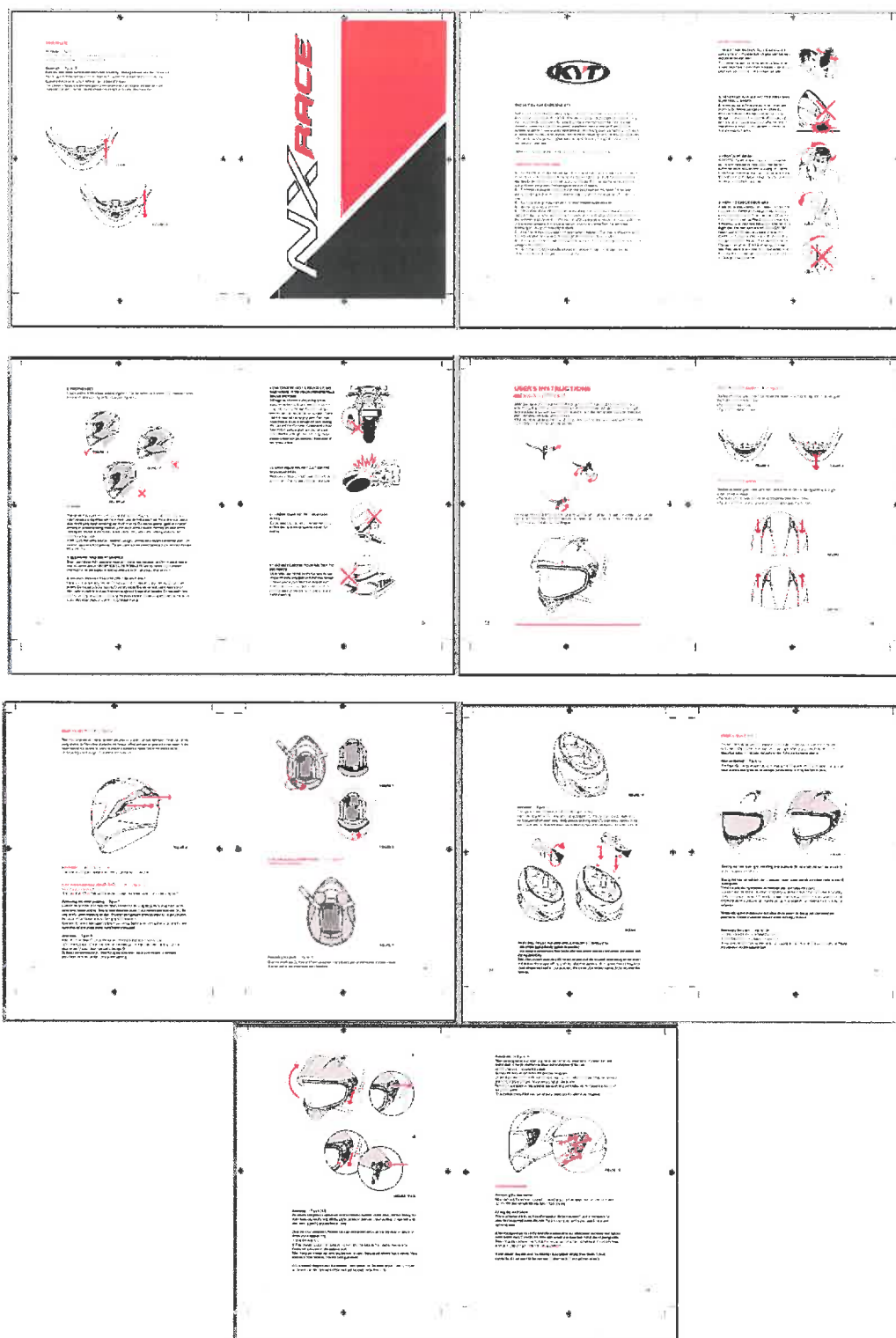
Type NX RACE

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DRW.

NX RACE-10

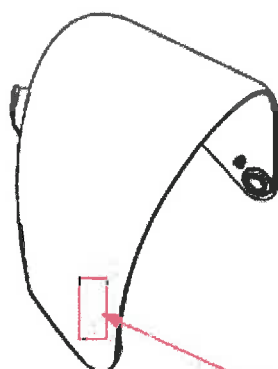
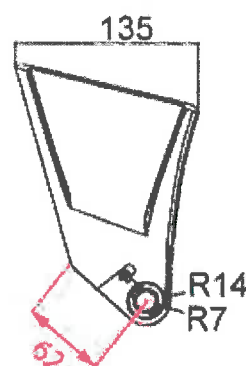
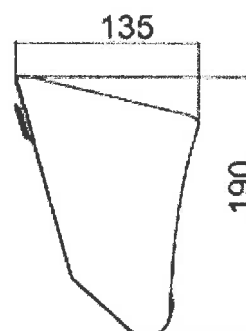
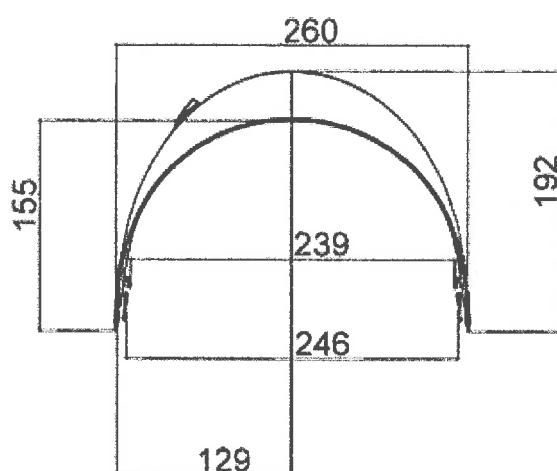
Instruction

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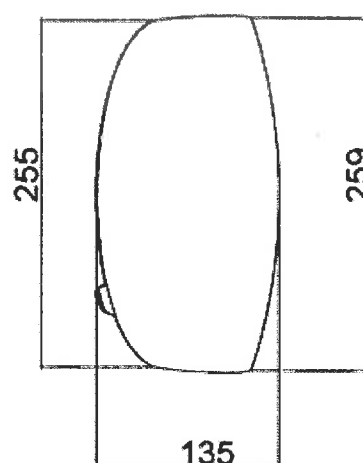
Information folder No. TCK-NX RACE-01

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0510338
Model: NFR

E13



Remark: the thickness of the visor is 2.0 mm.

DRW.

NX RACE-11

Drawing and details of visor

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Top vent



Spoiler rear vent



Chin Vent



Top vent

DRW.

NX RACE-12

Accessories
(for version of NX RACE)

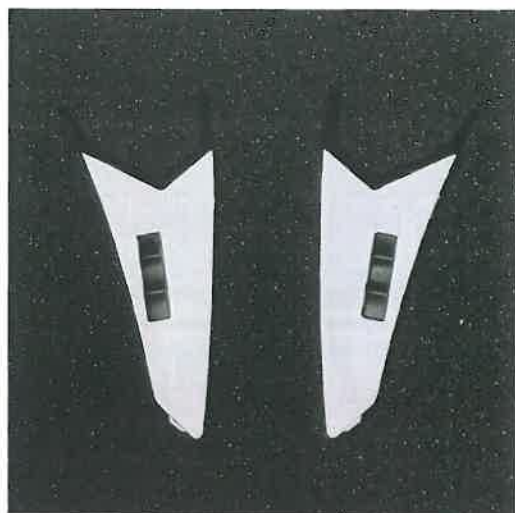
Type NX RACE

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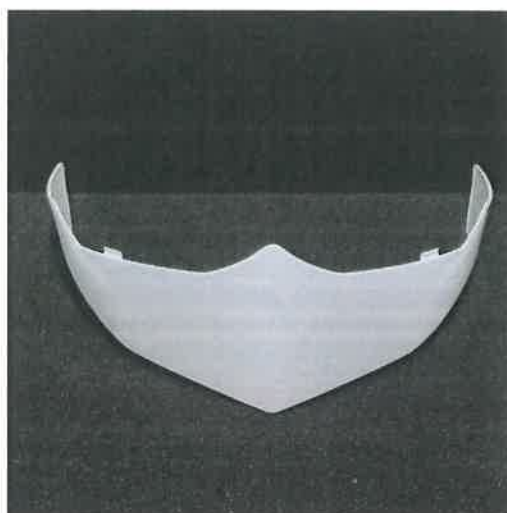
PT TARA CITRA KUSUMA

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Top vent



Spoiler rear vent



Chin Vent



Top vent

DRW.

NX RACE-13

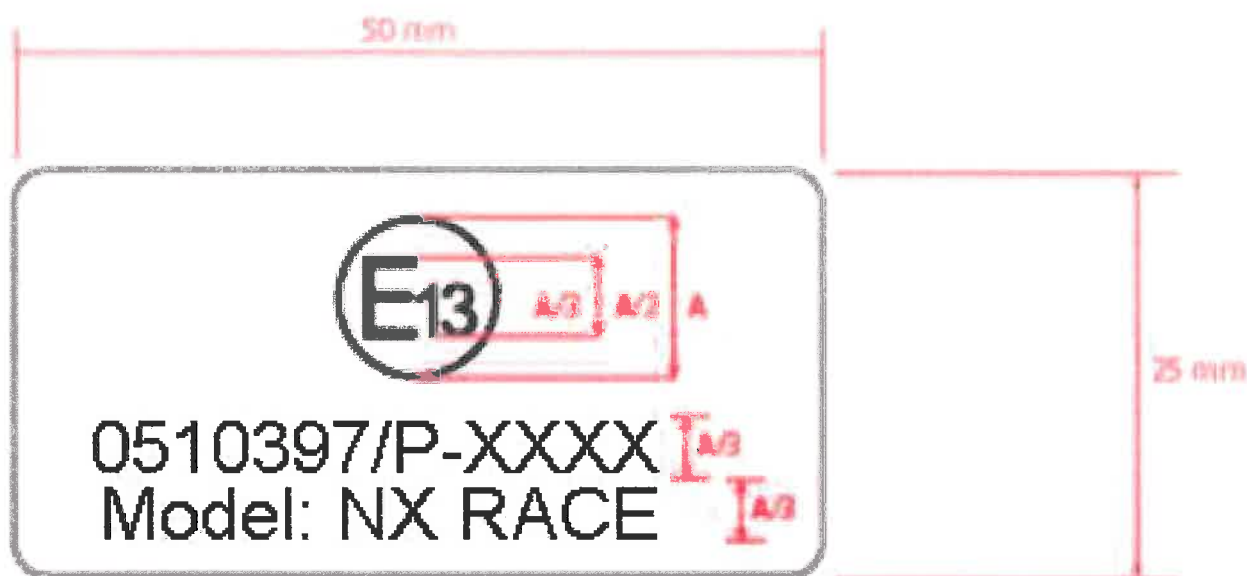
Accessories
(for version of NZ RACE)

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A = 8 mm

HELMET TYPE : NX RACE
COLOR OF LABEL : WHITE
COLOR OF PRINT : BLACK
MATERIAL OF LABEL : NYLON

DRW.	NX RACE-14	Approval marking(s)
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Type	NX RACE
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FRONT VIEW



REAR VIEW



SIDE VIEW



TOP VIEW

DRW.

NX RACE-15

**Helmet assembly pictures
(for version of NX RACE)**

Type NX RACE

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FRONT VIEW



REAR VIEW



SIDE VIEW



TOP VIEW

DRW.

NX RACE-16

**Helmet assembly pictures
(for version of NZ RACE)**

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