



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED ⁽¹⁾ / ~~APPROVAL EXTENDED ⁽⁴⁾ /~~
~~APPROVAL REFUSED ⁽⁴⁾ / APPROVAL WITHDRAWN ⁽⁴⁾ / PRODUCTION DEFINITELY~~
~~DISCONTINUED ⁽¹⁾~~ OF A TYPE OF HELMET VISOR TYPE PURSUANT TO UN REGULATION NO.
22.06



Approval No: E11*22R06/02*2029*00

Reason(s) for extension: Not applicable

1. Trade mark: KYT
2. Type: K8V
3. Manufacturer's name: PT TARA CITRA KUSUMA
4. Address:
Jalan Meranti 3 Blok L 10 No 3&5 Delta silicon Industrial park
Lippo Cikarang
Bekasi Jawa Barat - Indonesia 17550
5. If applicable, name of manufacturer's representative: Not applicable
6. Address: Not applicable
7. Brief description of visor, and inner visor if any: See manufacturer's documentation
8. Types of helmet to which the visor may be fitted: K8H
9. Submitted for approval on: 14 February 2024
10. Technical service responsible for conducting approval tests: OMEGA SRL

12. Number of report issued by that service: VCA007394
13. Remarks: None
14. Approval GRANTED / ~~EXTENDED~~ / ~~REFUSED~~ / ~~WITHDRAWN~~⁽¹⁾
15. Place: BRISTOL
16. Date: 06 JUNE 2024
17. Signature:



C McCABE
Chief Technical and Statutory Operations Officer

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

(1) Strike out what does not apply



Vehicle
Certification
Agency

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

APPROVAL NUMBER: E11*22R06/02*2029*00

INFORMATION PACKAGE CONTENTS

INDEX REVISION NUMBER: Not applicable

Conformity of Production (COP) Declaration COP Confirmed

Assessment Method COP Audit

Date of Initial Clearance April 2021

Date of Last Clearance October 2023

Total number of sheets: 03 (Three)

Reasons for Revision: Not applicable

Revision Date
&
Office Stamp



PT TARA CITRA KUSUMA

Jalan Meranti 3 Blok L 10 No. 3 & 5, Delta Silicon Industrial Park, Lippo Cikarang
Bekasi, Jawa Barat - Indonesia 17550
Tel : (62) (21) 89904777, 89904813 Fax : (62) (21) 89904785

Spett.le

VEHICLE CERTIFICATION AGENCY
C/o Mr.Woodruff
1 The Eastgate Office Centre
Eastgate Road
Bristol BS 5 6XX
United Kingdom

OBJECT : Homologation Visor

The undersigned Fabio Frattini as Delegate of the Company PT Tara Citra Kusuma based in Bekasi (Indonesia), applies for the K8V type visor to be subjected to the checks and tests provided for by the ECE / ONU Regulation no. 22/06 for the

HOMOLOGATION

In accordance with the provisions of the regulations, the following is attached for this purpose:

- Technical description of the visor specifying the materials and the procedure assembly
- Drawing.

The undersigned informs that samples necessary for the checks and tests will be available at the Omega laboratory in Rivalta Scrivia (AL) on 10.02.2024.

It also declares that it has not submitted a similar application to the competent authorities of other states.





PT TARA CITRA KUSUMA

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Tara Citra Kusuma	Information sheet drawn up on the basis of the Regulations ECE/ONU n° 22 rev. 06	Tecnical data n° K8V
	Visor K8V	Date 02 2 2024

DATI GENERALI:

Trademark : KYT

Visor: K 8 V

Name and manufactured adress : PT TARA CITRA KUSUMA Jalan Meranti 3 Blok L 10
No 3&5 Delta silicon Industrial park , Lippo Cikarang
Bekasi Jawa Barat - Indonesia 17550

Commercial name : TT Revo

GENERAL CONSTRUCTION FEATURES OF THE VISOR :

Material: Polycarbonate

Production system: Injection system

Thikness: 2,0~2,3 mm.

Colore: Clear

Surface threthment : Anti-scratch for lacquer , Mist retardant

Fixing system : POM visor ratchet fixed to the helmet with screws.

Accessories : Mist retardant sheet fixed by pivot

Applied on Helmet : KYT TT-Revo under homologation

POSIZIONAMENTO DELLE MARCATURE OBBLIGATORIE:

Trademark : moulded on visor

International approval mark: laser engraving on visor

Any unsuitability of the mounted visor for use at night or in poor visibility conditions: printed on the external
side of the visor

ATTACHMENTS: Drawings

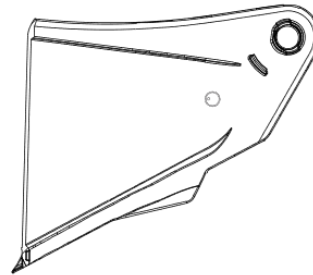
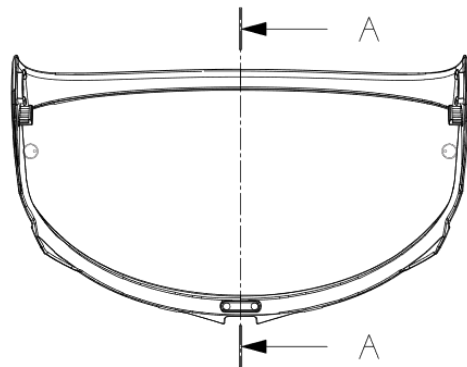




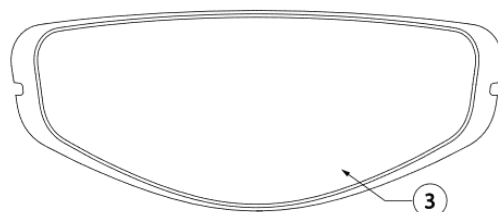
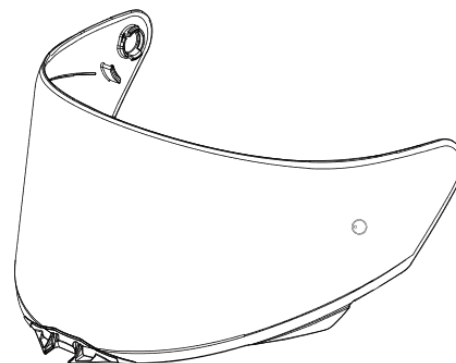
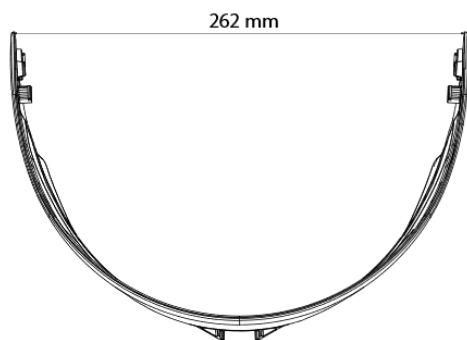
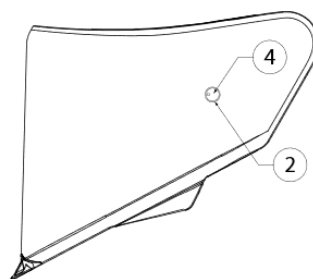
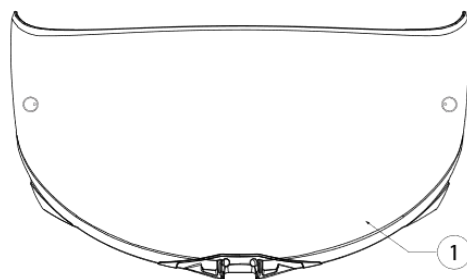
PT TARA CITRA KUSUMA

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Bekasi, Jawa Barat - Indonesia 17550

Tel : (62) (21) 89904777, 89904813 Fax : (62) (21) 89904785



SECTION A - A



4	ANTIFOG PIN SCREW	STEEL
3	ANTIFOG LENS	ACE TOBUTTIRATE
2	PINTEAR OFF PIVOT	POLYCARBON ATE
1	VISOR	POLYCARBON ATE
POS.	DESCRIPTION	MATERIAL
VISOR	K8V	01
		01
PT TARA CITRA KUSUMA		- 2024/02/02
PT TARA CITRA KUSUMA Jl. Raya B. 1 No. 6, B. 1, B		



06-Jun-24

QUALIFICATION
UNECE n°22 Series 06

Job Number	[VCA007394]		
Report	Code:	K8V Qualification 20022024	
	Date:	20 February 2024	
Manufacturer	Name:	PT TARA CITRA KUSUMA	
	Address:	Jalan Meranti 3 Blok L 10 No 3&5 Delta silicon Industrial park , Lippo Cikarang Bekasi Jawa Barat - Indonesia 17550	
Representative	[it does not apply]		
Sample	Visor model:	K8V	
	Approval n°:	E11*22R06/02*2029*00	
	Stickers from n°:	1	to n°: 3200 Batch n°:0
	Arrival date:	14/02/2024	Testing date: 20/02/2024

Essential Technical Data

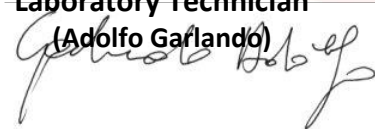
VISOR MATERIAL	PC	
OTHER TECHNICAL DETAILS	See Manufacturers Technical Specification	
ENVIRONMENTAL CONDITIONS	Temperature [°C]	[24.5]

Used Machine	Identifier /Manufacturer	Expiry Date
Mechanical Characteristics	M0060 (AD Engineering)	23/05/2024
Scratch resistance	M0087 (AD Engineering)	29/01/2025
Optical qualities	M0101 (AD Engineering)	29/01/2025
Luminous transmittance	M0115 (JASCO)	31/05/2024
Refractive Powers	M0144 (AD Engineering)	31/05/2024
Freezer	M0072 (Ocras)	14/09/2023

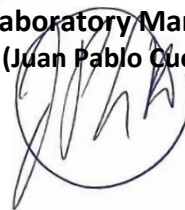
The Visor has been tested in the configuration as supplied by the client.

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

Laboratory Technician
(Adolfo Garlando)



Laboratory Manager
(Juan Pablo Cuesta)



Vehicle
Certification
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1/9
06-Jun-24

Job Number: [VCA007394]

M84 rev.0 09092020

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Strada Comunale Savonesa n.9 / 15057 Tortona (AL) / Italy / Tel. 0039-0131-860220 / VAT 0182830006

K8V Without pinlock

Group n°	Test	Visors
A	Light transmission	10
	Recognition of light signals	
	Spectral transmission	
	Light diffusion	
	Optical qualities and resistance to scratches	
B	Refractive Powers	10
	Mechanical characteristics	
C	Mist-retardant (OPTIONAL)	

OPTICAL QUALITIES AND SCRATCH RESISTANCE

(Ref. 7.8.3.2.1.2 – method B)

Internal Id	Condit. [°C]	Luminous transmittance Before scratch τ _v >35% Daytime τ _v >80% General	Light diffusion	
			Before scratch	After scratch
			<2,5%	<10%
24-0726	AMB	89,91%	0,5%	5,1%
24-0727	AMB	89,91%	0,5%	6,0%
24-0728	AMB	90,35%	0,5%	5,5%
24-0729	AMB	88,80%	0,4%	5,0%
24-0730	AMB	88,91%	0,5%	5,5%
24-0731	AMB	90,13%	0,4%	4,8%
24-0732	AMB	89,69%	0,4%	5,8%
24-0733	AMB	89,91%	0,4%	5,7%
24-0734	AMB	89,91%	0,4%	6,2%
24-0735	AMB	90,58%	0,4%	3,9%

Job Number: [VCA007394]



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2/9
06-Jun-24

REFRACTIVE POWERS

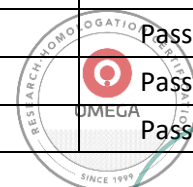
Ref. 6.15.3.8 – Annex 15

Internal Id	Side	Spherical power	Astigmatic power	Base	Prismatic power		RESULT
		+/-0,12	0,12		Limits Horiz	Limits Vert	
		[m ⁻¹]	[m ⁻¹]		Base IN:<0,25	<0,25	
					Base OUT:<1		
					[cm/m]	[cm/m]	[Pass/Fail]
24-0716	DX	0,019	0,023	OUT	0,063	0,024	PASS
	SX	-0,010	0,043		0,063	0,010	
24-0717	DX	0,010	0,006	OUT	0,019	0,024	PASS
	SX	-0,010	0,057		0,292	0,010	
24-0718	DX	-0,037	0,070	OUT	0,010	0,024	PASS
	SX	-0,008	0,037		0,063	0,010	
24-0719	DX	0,019	0,023	OUT	0,068	0,024	PASS
	SX	-0,006	0,035		0,063	0,010	
24-0720	DX	0,003	0,054	OUT	0,019	0,024	PASS
	SX	-0,012	0,006		0,068	0,010	
24-0721	DX	0,001	0,003	OUT	0,005	0,088	PASS
	SX	-0,017	0,042		0,015	0,010	
24-0722	DX	-0,007	0,008	OUT	0,015	0,010	PASS
	SX	-0,008	0,018		0,019	0,010	
24-0723	DX	0,019	0,023	OUT	0,024	0,015	PASS
	SX	-0,027	0,008		0,063	0,010	
24-0724	DX	0,011	0,008	OUT	0,015	0,024	PASS
	SX	-0,046	0,038		0,292	0,010	
24-0725	DX	0,008	0,015	OUT	0,097	0,024	PASS
	SX	-0,010	0,039		0,292	0,010	

VISOR MECHANICAL CHARACTERISTICS

Ref. 7.8.2

The visor has been tested on the helmet model: [K8H]					
Internal Id	Conditioning [°C]	Fragments	Sharp Fragments < 60°	Remarks	Result [Pass/Fail]
24-0716	-20	No	No		Pass
24-0717	-20	No	No		Pass
24-0718	-20	No	No		Pass
24-0719	-20	No	No		Pass
24-0720	-20	No	No		Pass
24-0721	-20	No	No		Pass
24-0722	-20	No	No		Pass
24-0723	-20	No	No		Pass
24-0724	-20	No	No		Pass
24-0725	-20	No	No		Pass



Job Number: [VCA007394]

M84 rev.0 09092020

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 3/9
06-Jun-24

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
	$\tau_v > 35\%$ <i>Daytime</i> $\tau_v > 80\%$ <i>General</i>	$\geq 0,8$	$\geq 0,6$	$\geq 0,6$	$\geq 0,6$	τ_f [475 – 650 nm]	$> 0,2 \tau_v$	[Pass/Fail]
24-0726	90,57% <i>General</i>	1,004	1,006	0,994	0,999	0,823	$> 0,181$	Pass
24-0727	90,68% <i>General</i>	1,008	1,007	0,994	1,004	0,800	$> 0,181$	Pass
24-0728	89,65% <i>General</i>	1,009	0,988	1,010	1,015	0,800	$> 0,179$	Pass
24-0729	90,77% <i>General</i>	0,985	0,996	1,003	1,001	0,823	$> 0,182$	Pass
24-0730	90,48% <i>General</i>	1,018	1,002	0,998	1,001	0,850	$> 0,181$	Pass
24-0731	91,29% <i>General</i>	1,008	1,002	0,998	0,997	0,850	$> 0,183$	Pass
24-0732	90,58% <i>General</i>	1,002	0,994	1,005	1,006	0,850	$> 0,181$	Pass
24-0733	91,51% <i>General</i>	0,999	0,999	1,000	1,003	0,850	$> 0,183$	Pass
24-0734	91,29% <i>General</i>	1,005	1,000	1,000	0,997	0,850	$> 0,183$	Pass
24-0735	90,42% <i>General</i>	0,994	0,995	1,003	1,004	0,760	$> 0,181$	Pass

Job Number: [VCA007394]



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4/9
06-Jun-24

K5V With pinlock

Group n°	Test	Visors
A	Light transmission	10
	Recognition of light signals	
	Spectral transmission	
	Light diffusion	
	Optical qualities and resistance to scratches	
B	Refractive Powers	10
	Mechanical characteristics	
C	Mist-retardant (OPTIONAL)	

OPTICAL QUALITIES AND SCRATCH RESISTANCE

(Ref. 7.8.3.2.1.2 – method B)

Internal Id	Condit. [°C]	Luminous transmittance Before scratch	Light diffusion	
			Before scratch	After scratch
		$\tau_v > 35\%$ Daytime $\tau_v > 80\%$ General	<2,5%	<10%
24-0726	AMB	78,22%	0,5%	5,5%
		<i>Day time use only</i>		
24-0727	AMB	78,89%	0,5%	7,9%
		<i>Day time use only</i>		
24-0728	AMB	78,44%	0,6%	6,4%
		<i>Day time use only</i>		
24-0729	AMB	77,44%	0,5%	6,6%
		<i>Day time use only</i>		
24-0730	AMB	77,33%	0,5%	5,6%
		<i>Day time use only</i>		
24-0731	AMB	78,67%	0,5%	5,5%
		<i>Day time use only</i>		
24-0732	AMB	79,00%	0,4%	5,9%
		<i>Day time use only</i>		
24-0733	AMB	78,67%	0,5%	6,5%
		<i>Day time use only</i>		
24-0734	AMB	78,00%	0,5%	5,1%
		<i>Day time use only</i>		
24-0735	AMB	77,89%	0,5%	4,6%
		<i>Day time use only</i>		

Job Number: [VCA007394]

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5/9
06-Jun-24

REFRACTIVE POWERS

Ref. 6.15.3.8 – Annex 15

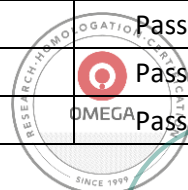
Internal Id	Side	Spherical power	Astigmatic power	Prismatic power			RESULT
		+/-0,12 [m ⁻¹]	0,12 [m ⁻¹]	Base OUT	Limits Horiz Base IN:<0,25 Base OUT:<1 [cm/m]	Limits Vert <0,25 [cm/m]	
24-0716	DX	0,019	0,023	OUT	0,063	0,024	PASS
	SX	-0,010	0,057		0,063	0,010	
24-0717	DX	0,019	0,023	OUT	0,019	0,024	PASS
	SX	-0,010	0,057		0,292	0,010	
24-0718	DX	-0,035	0,066	OUT	0,010	0,024	PASS
	SX	-0,012	0,028		0,015	0,010	
24-0719	DX	0,019	0,023	OUT	0,068	0,024	PASS
	SX	-0,010	0,057		0,063	0,010	
24-0720	DX	-0,005	0,038	OUT	0,019	0,024	PASS
	SX	-0,017	0,002		0,092	0,010	
24-0721	DX	-0,018	0,038	OUT	0,063	0,088	PASS
	SX	-0,013	0,026		0,015	0,010	
24-0722	DX	-0,006	0,010	OUT	0,015	0,010	PASS
	SX	-0,003	0,008		0,010	0,010	
24-0723	DX	0,019	0,023	OUT	0,024	0,015	PASS
	SX	-0,041	0,034		0,063	0,010	
24-0724	DX	0,011	0,008	OUT	0,015	0,024	PASS
	SX	-0,046	0,038		0,063	0,010	
24-0725	DX	0,002	0,003	OUT	0,097	0,024	PASS
	SX	-0,014	0,015		0,063	0,010	

VISOR MECHANICAL CHARACTERISTICS

Ref. 7.8.2

The visor has been tested on the helmet model: [K8H]

Internal Id	Conditioning [°C]	Fragments	Sharp Fragments < 60°	Remarks	Result [Pass/Fail]
24-0716	-20	No	No		Pass
24-0717	-20	No	No		Pass
24-0718	-20	No	No		Pass
24-0719	-20	No	No		Pass
24-0720	-20	No	No		Pass
24-0721	-20	No	No		Pass
24-0722	-20	No	No		Pass
24-0723	-20	No	No		Pass
24-0724	-20	No	No		Pass
24-0725	-20	No	No		Pass



Job Number: [VCA007394]

M84 rev.0 09092020

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 Vehicle
Certification
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 6/9
06-Jun-24

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
	$\tau_v > 35\%$ Daytime $\tau_v > 80\%$ General	$\geq 0,8$	$\geq 0,6$	$\geq 0,6$	$\geq 0,6$	τ_f [475 – 650 nm]	$> 0,2 \tau_v$	[Pass/Fail]
24-0726	78,95% Daytime	0,994	0,993	1,007	1,012	0,750	$> 0,158$	Pass
24-0727	78,18% Daytime	1,004	0,985	1,012	1,029	0,670	$> 0,156$	Pass
24-0728	78,34% Daytime	1,003	1,000	1,000	1,003	0,690	$> 0,157$	Pass
24-0729	77,90% Daytime	1,008	1,001	0,999	1,016	0,700	$> 0,156$	Pass
24-0730	79,26% Daytime	0,991	0,992	1,007	1,013	0,753	$> 0,159$	Pass
24-0731	78,31% Daytime	0,958	0,982	1,013	1,022	0,600	$> 0,157$	Pass
24-0732	78,72% Daytime	0,998	0,996	1,005	1,007	0,690	$> 0,157$	Pass
24-0733	78,38% Daytime	1,002	0,990	1,008	1,021	0,720	$> 0,157$	Pass
24-0734	77,21% Daytime	1,017	0,993	1,003	1,028	0,680	$> 0,154$	Pass
24-0735	78,42% Daytime	0,991	0,987	1,010	1,021	0,710	$> 0,157$	Pass

Job Number: [VCA007394]



M84 rev.0 09092020


Vehicle
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7/9
06-Jun-24

LABELLING
Re Requirement
Description or image

f.

Method of Attachment to helmet at point of sale

14. Bears a label showing the types of protective helmet for which it has been approved.



14. specific warnings in the national language, or in at least one of the national languages, of the country of destination:

1. General instruction for storage and care.
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.
3. The following warning shall be included: "Visors with the marking indicating "daytime use only" are not suitable for use during the hours of darkness or in conditions of poor visibility."
4. If appropriate: "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."
5. If the visor is MIST RETARDANT approved it may be indicated.

Instructions regarding the detection of obsolescence.

PASS
- Shield Cleaning

The helmet shield is made of polycarbonate materials with a polyurethane abrasion resistance coating. It should be cleaned using mild soap and warm water. Never use hot water, salt water, benzene, thinner, gasoline or any other harsh agents. Additionally the use of commercial shield cleaners is not recommended because they may affect the quality of the shield material. Treat carefully when cleaning the shield to preserve the abrasion resistant coating. When deep scratches are visible, it is highly recommended that the helmet shield be replaced. Tinted shield are for "Day time use only" and are not suitable for use at night or in conditions of poor visibility.

MARKING
Ref. Requirement
Description or image


Job Number: [VCA007394]

M84 rev.0 09092020

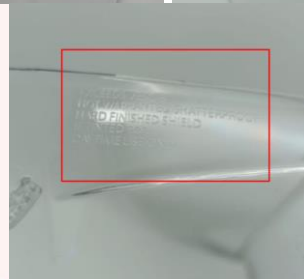
Vehicle
Certification
Agency

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8/9
06-Jun-24

Method of Marking to the visor

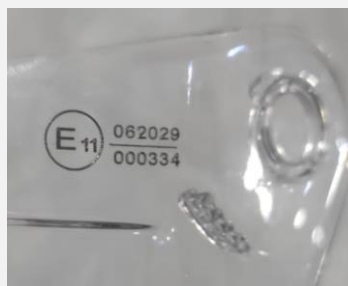


- 4.2 The visors shall bear the applicant's trade name or mark

and, if appropriate, an indication of the unsuitability of the visor for use during the hours of darkness or in conditions of poor visibility.



- Annex 2B Approval mark for the helmet visor:
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. The digits of the approval number and of the production serial number shall be on the same side of the letter "E" and face the same direction.



END OF REPORT

Job Number: [VCA007394]

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M84 rev.0 09092020

Approval Authority

Vehicle
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9/9
06-Jun-24

TYPE APPROVAL TESTING
UNECE n°22 Series 06

Job Number	VCA007394
Report	Code: K8V Approval E06 19022024
	Date: 19 February 2024
Manufacturer	Name: PT TARA CITRA KUSUMA
	Address: Jalan Meranti 3 Blok L 10 No 3&5 Delta silicon Industrial park , Lippo Cikarang Bekasi Jawa Barat - Indonesia 17550
Representative	[it does not apply]
Sample	Visor model: K8V
	Approval n°: n/a
	Stickers from n°: n/a to n°: n/a Batch n°: n/a
	Arrival date: 14/02/2024 Testing date: 19/02/2024

Essential Technical Data

VISOR MATERIAL	PC
OTHER TECHNICAL DETAILS	See Manufacturers Technical Specification

ENVIRONMENTAL CONDITIONS	Temperature [°C]22.5
--------------------------	----------------------

Used Machine	Identifier /Manufacturer	Expiry Date
Mechanical Characteristics	M0060 (AD Engineering)	23/05/2024
High Speed Particles	M0135 (AD Engineering)	15/11/2024
Scratch resistance	M0087 (AD Engineering)	29/01/2025
Optical qualities	M0101 (AD Engineering)	31/05/2024
Luminous transmittance	M0115 (JASCO)	31/05/2024
Refractive Powers	M0144 (AD Engineering)	31/05/2024
Freezer	M0072 (Ocras)	14/09/2024

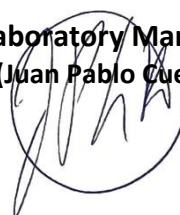
The Visor has been tested in the configuration as supplied by the client.

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

Laboratory Technician
(Adolfo Garlando)



Laboratory Manager
(Juan Pablo Cuesta)



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1/6
06-Jun-24

Job Number: [VCA007394]

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K8V Without Pinlock

VISOR MECHANICAL CHARACTERISTICS

Ref. 7.8.2

The visor has been tested on the helmet model:

K8H

Internal Id	Conditioning [°C]	Fragments	Sharp Fragments < 60°	Remarks	Result [Pass/Fail]
24-0676	-20	No	No	No	Pass
24-0677	-20	No	No	No	Pass
24-0678	-20	No	No	No	Pass

HIGH SPEED PARTICLE TEST: 80ms⁻¹

Ref. 7.8.2.3

Internal Id	Conditioning [°C]	Visor Fracture	Visor Deformation	Visor Housing Fail	Result [Pass/Fail]
24-0682	-10	No	No	No	Pass
24-0683	-10	No	No	No	Pass
24-0684	+50	No	No	No	Pass
24-0685	+50	No	No	No	Pass

OPTICAL QUALITIES AND SCRATCH RESISTANCE

Ref. 7.8.3

Internal Id	Condit. [°C]	Luminous transmittance Before scratch τ _v >35% Daytime τ _v >80% General	Light diffusion	
			Before scratch	After scratch
			<2,5%	<10%
24-0679	AMB	89,81%	0,3%	5,2%
24-0680	AMB	90,25%	0,3%	4,7%
24-0681	AMB	90,03%	0,3%	5,4%

Job Number: [VCA007394]

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2/6
06-Jun-24

REFRACTIVE POWERS

Ref. 6.15.3.8 & 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]	
24-0676	DX	-0,006	0,006	OUT	0,092	0,024	PASS
	SX	-0,006	0,050		0,015	0,005	
24-0677	DX	-0,006	0,014	OUT	0,063	0,010	PASS
	SX	-0,010	0,005		0,078	0,010	
24-0678	DX	-0,004	0,015	OUT	0,015	0,024	PASS
	SX	0,006	0,026		0,015	0,010	

LUMINOUS TRANSMITTANCE (Ref. 7.8.3.2.1.1. – A13)
LIGHT DIFFUSION (Ref. 7.8.3.2.1.2 - method B)
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
	$\tau_v > 35\%$ Daytime $\tau_v > 80\%$ General	$\geq 0,8$	$\geq 0,6$	$\geq 0,6$	$\geq 0,6$	τ_f [475 – 650 nm]	$> 0,2 \tau_v$	[Pass/Fail]
24-0679	89,58% General	0,990	1,000	0,999	1,007	0,803	$> 0,179$	Pass
24-0680	90,71% General	0,999	1,000	0,999	1,001	0,803	$> 0,181$	Pass
24-0681	89,57% General	0,977	0,996	1,001	1,009	0,800	$> 0,179$	Pass

Job Number: [VCA007394]

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K8V With Pinlock

VISOR MECHANICAL CHARACTERISTICS

Ref. 7.8.2

The visor has been tested on the helmet model:				K8H	
Internal Id	Conditioning [°C]	Fragments	Sharp Fragments < 60°	Remarks	Result [Pass/Fail]
24-0676	-20	No	No	No	Pass
24-0677	-20	No	No	No	Pass
24-0678	-20	No	No	No	Pass

HIGH SPEED PARTICLE TEST: 80ms⁻¹

Ref. 7.8.2.3

Internal Id	Conditioning [°C]	Visor Fracture	Visor Deformation	Visor Housing Fail	Result [Pass/Fail]
24-0682	-10	No	No	No	Pass
24-0683	-10	No	No	No	Pass
24-0684	+50	No	No	No	Pass
24-0685	+50	No	No	No	Pass

OPTICAL QUALITIES AND SCRATCH RESISTANCE

Ref. 7.8.3

Internal Id	Condit. [°C]	Luminous transmittance Before scratch	Light diffusion	
			Before scratch	After scratch
		$\tau_v > 35\%$ Daytime $\tau_v > 80\%$ General	<2,5%	<10%
24-0679	AMB	77,61%	0,3%	6,0%
		<i>Day time use only</i>		
24-0680	AMB	77,83%	0,3%	5,4%
		<i>Day time use only</i>		
24-0681	AMB	77,27%	0,3%	6,3%
		<i>Day time use only</i>		

Job Number: [VCA007394]

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REFRACTIVE POWERS

Ref. 6.15.3.8 & 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]	
24-0676	DX	-0,006	0,006	OUT	0,092	0,024	PASS
	SX	-0,006	0,050		0,015	0,005	
24-0677	DX	-0,006	0,014	OUT	0,063	0,010	PASS
	SX	-0,010	0,005		0,078	0,010	
24-0678	DX	-0,004	0,015	OUT	0,015	0,024	PASS
	SX	0,006	0,026		0,015	0,010	

LUMINOUS TRANSMITTANCE (Ref. 7.8.3.2.1.1. – A13)

LIGHT DIFFUSION (Ref. 7.8.3.2.1.2 - method B)

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
	$\tau_v > 35\%$ Daytime $\tau_v > 80\%$ General	$\geq 0,8$	$\geq 0,6$	$\geq 0,6$	$\geq 0,6$	τ_f [475 – 650 nm]	$> 0,2 \tau_v$	[Pass/Fail]
24-0679	79,19% Daytime	1,021	0,995	1,003	1,022	0,700	$> 0,158$	Pass
24-0680	78,35% Daytime	1,017	0,986	1,011	1,031	0,690	$> 0,157$	Pass
24-0681	79,42% Daytime	1,004	0,992	1,006	1,017	0,700	$> 0,159$	Pass

Job Number: [VCA007394]

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 5/6
06-Jun-24

VISOR IMAGES**END OF REPORT**Job Number: **[VCA007394]**

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M83 rev.0 09092020

Approval Authority


Vehicle
Certification
Agency6/6
06-Jun-24

VCA JOB NUMER: VCA007394MANUFACTURER: PT. TARA CITRA KUSUMA.TYPE: K8V

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: 23th February 2024