

# Presentation

# UNECE 22-06

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Presentation of the new regulation 22 version **06**  
Comparison with current 22-05

Into the pages below

The new elements for « 06 » are written **Bold / Red**

# Impact test ( linear shock )

linear	22-05				22-06			
	speed	conditioning	Threshold	HIC	speed	conditioning	Threshold	HIC
	7,5 m/s	-20°/+20°/+50°	275g	2400	<b>6 m/s</b>	<b>-10° /+20°/+50°</b>	<b>180g</b>	<b>1300</b>
					7,5 m/s	-10° /+20°/+50°	275g	2400
					<b>8,2 m/s</b>	<b>-10° /+20°/+50°</b>	<b>275g</b>	<b>2880</b>
impactors	Anvils : Kerbstone / Flat				Anvils : Kerbstone / flat			
Head forms	ISO				<b>EN960</b>			
Impact point numbers	6 ( B X P R X1 S )				<b>18</b> ( 6 = B X PR X1 S ) + ( <b>12 new impact points</b> )			

# Linear test : chin bar impact ( S point )

	22-05	22-06
impactors	Flat Anvil	Flat Anvil
conditioning	-20°	-20° only ? ( tbc)
speed	5,5 m/s	<b>6 m/s</b>
décélération ( g )	275 g	275 g
HIC	2400	2400

# Oblique impact test ( rotational acceleration )

Oblique	22-05	22-06			
	<p style="text-align: center;"><b>X</b></p> <p style="text-align: center;"><b>No oblique test</b></p>	rotational acceleration (in radiant <sup>2</sup> /s)	BRIC	linear	HIC
		10400	0,78	275g	2400
Speed		Vitesse = 8 m/s			
surface		abrasive P80			
anvil		45° angle			
Head forms		EN960			

# Homologation Full face & Jet : P / J

TEST	22-05	22-06
Roll off ( from rear to front )	yes	yes
« reverse roll off » ( from front to rear )	X no	<b>YES</b> <b>( For all Types P J NP and P/J )</b>
Roll off ( attached to the chin bar / in jet position ) from rear to front	X no	<b>YES</b>
Blocking of the chin bar (in P and J positions )	X No * ( only in Italy )	<b>YES</b>

# VISORS

Tint / test	22-05	22-06
clear	> above 80 % of LT	> Above 80% of LT
Tinted	from 50 % to 80 % of LT	from <b>35%</b> to 80 % of LT *
Penetration	yes	Yes ( striker )
Penetration +	no	<b>Yes ( 6mm steel ball at 60m/s )</b>
markings	Engraved	<b>Stickers Mandatory</b>
Anti Scratch	yes	<b>More restrictive / new test</b>
		*First mount of visor can be darker

# Sun Shields

Tint / test	22-05	22-06
diffraction	No	YES ( same as 22-05 visors )
Tint	No	> Above 20% of LT
LT after abrasion	No	YES ( same as 22-05 visors )
Homologation	No	YES ( phase 1 + QOP )
Homologation number	No	YES ( marking with stickers )
markings	No	Stickers mandatory
Anti scratch	No	YES ( same as 22-05 visors )
colorimetry	No	YES ( same as 22-05 visors )

# Weight / Accessories

test	22-05	22-06
Weight of the helmet	As sold +/- 50g ( without the weight of accessories )	As sold +/- 50g ( <b>with the weight of all accessories/ assembled on the helmet or not</b> )
Crash test with accessoires	no	<b>Yes*</b>
		* Helmets will be now tested and homologated with all the accessories proposed by the manufacturer ) *
		* Specialy : for audio devices
Pinlock ( optical test done on visor fitted with the Pinlock lense )	no	<b>Yes</b>



# Agenda

Date	Action
January 2020	Text of the standard UNECE 22-06 approved by United Nations.
January 2021	Possibility to certify helmets according 22-06 ( not mandatory / following manufacturers volunteering )
July 2022	22-06 mandatory ( not possible to certify according 22-05 anymore)
July 2023	Manufacturers are not allowed to produce 22-05 helmets anymore. Stop of 22-05 QOP and COP
January 2024	22-05 products , prohibited for sale *
	*( except national derogation , Decided by each country applying the UNECE R22 regulation )