

# E.C.E. REGULATION No. 22-05

## A. Shell Testing: 帽殼試驗

Type of Conditioning: (環境試驗)

(ECE22-04, 7.2)

1. Solvent conditioning. (溶劑)

2. Ambient temp. and Hygrometry conditioning. (恆溫恆濕箱, 或是有冷氣防間)

25°C±5°C, relative humidity 65%±5% for at least 4 hours.

3. Heat conditioning: (高溫箱)

50°C±2°C, not less than 4 hours and not more than 6 hours.

4. Low temp. conditioning: (低溫箱)

-20°C±2°C, not less than 4 hours and not more than 6 hours.

5. Ultraviolet-Radiation conditioning: (紫外線輻射箱)

The outer surface of the protective helmet shall be exposed successively to UV irradiation by a 125 Watt zenon-filled quartz lamp for 48 hours at a range of 25 cm

6. Spraying conditioning: (噴水箱)

Spraying for 4 to 6 hours with water at ambient temp. at the rate of 1 liter per min.

Impact tester:	(ECE22-05, 7.3)	自由落體衝擊試驗
Dynamic chin strap tester	(ECE22-05, 7.6)	動態頤帶試驗
Rigidity tester	(ECE22-05, 7.5)	側向鋼性試驗
Retention tester	(ECE22-05, 7.7)	防脫落試驗
Surface friction	(ECE22-05, 7.5)	表面摩擦試驗
Tracking impact points	(ECE22-05, 7.3.4)	衝擊點劃線儀
ECE headform A,E,J,M,O	(ECE22-05, 7.3.3.2)	鎂合金全頭型

## B. Visor Tester 護目鏡試驗

Sand Spray tester	(ECE22-04, Annex10)	落沙試驗
Light Diffusion	(ECE22-04, Annex 11, ECE22-05, 6.15.3.5)	光擴散試驗
Spectrometer	(ECE22-05, 6.15.3.4, 6.15.3.6, 6.15.3.7)	分光光度儀
Refractive powers tester	(ECE22-05, 6.15.3.8)	光散度試驗

## Optional: 選配

Mist retardant tester (Fogging)	(ECE22-05, 6.15.3.9)	防霧試驗
Micro-slip test of the chin strap	(ECE22-04, 7.9)	頤帶耐滑試驗
Test for resistance to abrasion of the chin strap	(ECE22-04, 7.10)	頤帶摩擦試驗