



UN-DESIGN CERTIFICATION/PERIODIC RETEST

File Number # 56-11

Original File # 80-06

This is to certify that the packaging:**05704E OUDE23RG**

TYPE: 57 Vanguard OH

PACKAGING GROUP II

Closure	Gasket	Torque (Nm)	Description
V22-B-RC23	Rubber	2" NPS-27 3/4" - 12	21.5" Bung Lid
L22-18-P-TL-V1	N/A	N/A	Metal Closing Ring
Product Description	Height x Diameter (± 6mm)	Avg. Wall Thickness (±0.7mm)	Weight (kg)
57 gal blow molded HDPE drum. HLMI 4.5-6.5; 0.952-0.959density	927 x 585	3.4	11.50

UN CODE: 1H2

UN MARKING:



1H2/Y250/S/YR/USA/MXXXX

Manufacturer MAUSER Corp:

M4601 Homestead, M4602 Rancho Cucamonga, M4603 Romeoville, M4232 Addison, M4235 Woodlands, M4118 Mt Vernon, **M4895 East Brunswick**, M5123 Charlotte

Was tested to the following: 49 CFR § 178.601 (c)(1)

DROP TEST: (§178.603) From a height of 1.2 M (4.0 Ft.) with six (6) samples at -18°C.
Test Liquid: 50% aqueous Propylene Glycol s.g. 1.05 ±0.02. Test Solid: sodium bicarbonate <0.05 mm+ HDPE < 3mm
RESULTS: Pass

LEAK TEST: (178.604)(d) Packaging group II test pressure of ≥ ___ KPA for 5 min on 3 samples
RESULTS: N/A

HYDROSTATIC TEST: (178.605) Using a pressure of ≥N/A KPA (___) for 30 min. on 3 samples
RESULTS: N/A

STACK TEST: (178.606) (c) (2) Top load equivalent to 3 meter stack weight on 3 samples
RESULTS: Pass DOT min. **847 Kg** Force Applied **2550 Kg**

VIBRATION TEST: (178.608) Simulated transport vibration for 1 hour on 3 samples **3.8** Hz
RESULTS: Pass

CAPACITY: 217 L

TIP OVER TEST (OH): Pass



Signature	Date	Signature	Date
<i>Darren Wickes</i>	2/27/2011	<i>Quynh B. Lee</i>	2/27/2011
Technical Service representative		Director Technology & Regulatory Affairs	

EXPIRATION DATE: 2/27/2012

Test Facility: M4895/+CH – Mauser Corp, 35 Cotters Lane East Brunswick NJ 08816
Corporate Office: M5445 – Mauser Corp, 35 C Cotters Lane East Brunswick, NJ 08816