



ERRL PTE LTD

(Internationally Recognised Packaging Material & Environmental Monitoring Testing Lab)

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UN CERTIFICATE

ERRL certifies that the samples of the design type described below have been tested in accordance with provisions of United Nations Recommendations of Transport of Dangerous goods (22nd Revised Edition: 2021), Chapter 6, International Maritime Dangerous Goods (IMDG) – (2020 Edition) International Civil Aviation Organization (ICAO) – (2021 – 22 Edition), International Air Transport Association (IATA) – (63rd Edition) - 2022

Name and address of customer

MACHINOGRAPH COMPANY

405, MAKER BHAVAN - III, 21, NEW MARINE LINES,
CHURCHGATE, MUMBAI - 400 020, INDIA.

Test Report No. [REDACTED]

Date of Issue [REDACTED]

Date of Sample Receipt [REDACTED]

Description of Sample

235 LTR NON REMOVABLE HEAD TYPE HDPE DRUM

UN Marking allotted



“*” To be replaced last two digits of year of manufacturing

Package Identification Code

1H1 - NON REMOVABLE HEAD TYPE PLASTIC DRUM

Performance Standard

Packaging meets Packing Group II and III

Maximum Relative Density

1.2

Internal Test Pressure

100 kPa

Tare Weight

8.70 KG

Number & Condition of Sample received

16 Samples in Satisfactory condition

Country Authorizing allocation of Mark

Singapore

Manufacturer Name

M/S. MACHINOGRAPH COMPANY



Summary of Test Results

UN / Test	UN Reference	Test condition	Test Method	Test Date	Test Results
Drop Test	6.1.5.3	1.2 m	UN Recommendation	22.12.2023	PASS
Stack Test	6.1.5.6	556 kg – 28 Days	ISO 2234:2000	16.12.2023	PASS
Leak proofness Test	6.1.5.4	20 kPa – 5 min	UN Recommendation	28.12.2023	PASS
Hydro static Test	6.1.5.5	100 kPa – 30 min	UN Recommendation	08.01.2024	PASS
Dimensions ⁵	590 x 590 x 1010 mm				

Packaging of the design type described above shall bear the UN Marking. Marking should be legible, durable and readily visible. It is the responsibility of the end user to determine authorization for use under these regulations. The use of other packaging methods or components other than those documented in this report may render this certification invalid. During providing statement of conformity as per specification addressed in first line, measurement uncertainty (@ 95% confidence level) is not taken into consideration, as agreed with the customer.


Date of Original Issue : [REDACTED]

Date of Last Revision : [REDACTED]

Date of Expiry : [REDACTED]

F/OPN/11, Revision No.00

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Approved by Technical Manager
ERRL PTE LTD