PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0130A

HOLDER OF CERTIFICATE:

Emballator Mellerud Plast AB

MANUFACTURER: Emballator Mellerud Plast AB, Box 83, SE-464 22 Mellerud, SWEDEN

MARKING ON PACKAGING: (un) **3H1/Y1.9/150/YR/N/NET0130A - ID**

"YR" to be replaced with the two last digits of the year.
"ID" to be replaced by any identification as decided by the manufacturer.
The packaging shall also be appropriately marked with the month of the manufacture.

PRODUCT:

Packaging code	Description	Drawings	Material
3H1, plastics jerricans	Non-removable head	PR-1308 151008	HDPE, details in report

DIMENSIONS:

#: Jerricans weight, g	Volume, l	Length, mm	Width, mm	Height, mm	Neck size, mm
1: 157 - 290	5.0	194	127	290	40 std tread
2: 230 - 290	5.0	194	127	290	40 UN tread
3: 138 - 255	4.0	194	127	250	40 std tread
4: 203 - 255	4.0	194	127	250	40 UN tread
5: 198 - 290	5.0	194	127	290	40 std tread
6: 176 - 255	4.0	194	127	250	40 std tread

NET Emballasje- og Produkttesting AS
Blekebakkvegen 45
N-3950 Brevik
Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com
VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

CLOSING MECHANISM:

#: Screw cap, 40 mm	Producer	Drawings	Material	Gasket	Torque
1:Child resistant std tread	Emballator Växjöplast AB	40-948/901G	HDPE, details in report	Cone	5 Nm
2:Child resistant std tread	Emballator Växjöplast AB	40-983/901G	HDPE, details in report	EPE/PET	5 Nm
3:Child resistant std tread	Emballator Växjöplast AB	40-985/901G	HDPE, details in report	EPE/PET	5 Nm
4:Child resistant std tread	Emballator Växjöplast AB	40-900/901G	HDPE, details in report	Cone	5 Nm
5:Child resistant UN tread	Emballator Växjöplast AB	40-255/901G	HDPE, details in report	EPE/ALU	6 Nm
6:UN tread	Emballator Växjöplast AB	40-254GG	HDPE, details in report	Cone	5 Nm
7:Std tread	Emballator Växjöplast AB	40-900GG	HDPE, details in report	Cone	5 Nm
8:Std tread	Modulpac AB	40PM/ 8400013	HDPE, details in report	Cone	5 Nm
9:Child resistant std tread	Modulpac AB	40B/ 8400002	HDPE, details in report	Cone	5 Nm

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APPROVAL:
The certificate is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. To ensure validation of the certificate, check the NET website.
NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 06/6950-7/BJRU.
NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.
NET issues the certification on described product according to an agreement between Norwegian Civil Aviation Authority (Luftfartstilsynet) - 01.03.18 - 18/00114-8.

REGULATIONS BASED UPON FOR APPROVAL:
UN Recommendations on the Transport of Dangerous Goods.
ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID, International Regulations on Transport of Dangerous Goods by Rail.
IMDG, International Maritime Dangerous Goods Code, for sea transport.
ICAO, Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IATA, Dangerous Goods Regulations, for the air transport.

APPROVAL IS VALID FOR:
The jerricans is valid for packaging group II and III containing liquid substances that do not adversely affect the packaging materials. Permeability test has been carried out, according to ADR 6.1.5.7, and approved for jerricans #2. Compatibility testing has been carried out according to ADR/RID with the content listed on next page:

Content	Max. relative density	Max. vapour pressure, 114 kPa at +50°C	Max. vapour pressure, 143 kPa at +50°C
Water	1.9	Jerrican:1,3 Cap:1-4,7,8,9	Jerrican:2,4 Cap:5,6
Wetting solution	1.2	Jerrican:5,6 Cap:1-4,7,8,9	Jerrican:2,4 Cap:5,6
Acetic acid	1.1	Jerrican:1,3 Cap:1-4,7,8,9	Jerrican:2,4 Cap:5,6
n-Butylacetate	1.0	Jerrican:1,3 Cap:1-4,7,8,9	Jerrican:2,4 Cap:5,6
Mixture of hydrocarbons	1.0	Jerrican:1,3 Cap:1-4,7,8,9	Jerrican:2,4 Cap:5,6

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DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0130A	26.07.17	NET	Type approval
NET0130A2	26.07.17	NET	Type testing; cap 2,3,4
NET0130A5	14.09.17	NET	Type testing; J#2, MoH, n-Ba
NET0130A6	15.04.19	NET	Type testing, caps 6-9, n-Ba & Ws
NET2814A	08.01.2021	NET	Additional test, 40B
NET0130A7	04.02.2021	NET	Additional type test
NET2817A2	03.09.2021	NET	Additional test, 40PM

TEST STANDARD:
All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with ISO17025 approved by Norsk Akkreditering and based upon ISO16495 and ISO13274.
The packagings shall be manufactured, reconditioned and tested under a quality assurance programme which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

NORSK AKKREDITERING TEST 259

PORSGRUNN, NORWAY **10.09.2021** CERTIFICATE IS VALID UNTIL: **30.09.2026**

Geir Morten Johansen
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification

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