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

HOLDER OF CERTIFICATE:
Emballator Mellerud AB

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

MARKING ON PACKAGING:
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 6 mm high. The packaging shall also be appropriately marked with the month of the manufacture. The period of use permitted for the carriage of dangerous substances shall be five years from the date of manufacture of the jerricans, except where a shorter period of use is prescribed because of the nature of the substance to be carried.

(un) 3H1/Y1.9/150/YR/N/NET0130A - ID

(un)	: The United Nations symbol
3H1	: Plastics jerricans, non-removable head
Y1.9	: Packaging group II and III, and relative density of the substance
150	: Hydraulic test pressure in kPa
YR	: To be replaced with the last two digits of the year of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET0130A - ID	: Identification of the jerrican followed by "ID" to be replaced by the name or symbol of the manufacturer

PRODUCT:

Method of manufacture/ Description
Blow moulded jerrican performed in HDPE, details in report.

NET 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

DIMENSIONS:

#: Weight of the jerrican, g	Volume, l	L*W*H, mm	Neck size, mm	Drawing
1: 157 - 290	5.0	194*127*290	40 std tread	PR-1308 151008
2: 230 - 290	5.0	194*127*290	40 UN tread	PR-1308 151008
3: 138 - 255	4.0	194*127*250	40 std tread	PR-1308 151008
4: 203 - 255	4.0	194*127*250	40 UN tread	PR-1308 151008
5: 198 - 290	5.0	194*127*290	40 std tread	PR-1308 151008
6: 176 - 255	4.0	194*127*250	40 std tread	PR-1308 151008
7: 198 - 290	5.0	194*127*290	40 UN tread	PR-1308 151008
8: 176 - 255	4.0	194*127*250	40 UN tread	PR-1308 151008
9: 117 - 216	3.0	194*127*205	40 std tread	D0300-410-450
10: 150 - 216	3.0	194*127*205	40 std tread	D0300-410-450
11: 173 - 216	3.0	194*127*205	40 UN tread	D0300-410-450
12: 150 - 216	3.0	194*127*205	40 UN tread	D0300-410-450

CLOSING MECHANISM:

#: Screw cap	Producer	Drawings	Material	Gasket	Torque
1: CR Std tread	Emballator Växjöplast AB	40-948/901G Cone	HDPE, details in report	Cone	5 Nm
2: CR Std tread	Emballator Växjöplast AB	40-983/901G EPE/PET	HDPE, details in report	EPE/PET	5 Nm
3: CR Std tread	Emballator Växjöplast AB	40-985/901G EPE/PET	HDPE, details in report	EPE/PET	5 Nm
4: CR Std tread	Emballator Växjöplast AB	40-900/901G MB7541/MB7541 Cone	HDPE, details in report	Cone	5 Nm
5: CR UN tread	Emballator Växjöplast AB	40-255/901G Cone	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: CR Std tread	Modulpac AB	40B/ 8400002	HDPE, details in report	Cone	5 Nm

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LEGISLATION:
The approval 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. This certificate is liable to withdrawal at any time, to ensure validation check the published version on the Internet (www.net17025.com/Sertifisering/UN_ADR/cid/30758/).

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 - 2023/4375 PRAX.
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.

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TESTS CARRIED OUT:
Prototype tests performed and approved according to the above regulations:
6.1.5.2.6 Chemical compatibility
6.1.5.3 Drop test
6.1.5.4 Leakproofness test
6.1.5.5 Internal pressure test
6.1.5.6 Stacking test
6.1.5.7 Supplementary permeability test

APPROVAL IS VALID FOR:
The packaging is valid for packaging group II and III containing liquid substances covered by the liquids listed in the table below. The liquids marked with letter A - F are referring to standard liquids listed in ADR 6.1.6.1 and verified by chemical compatibility testing, ADR 6.1.5.2.6, to this specific liquid.
The dangerous substances allowed to transport in the packaging after chemical compatibility with these liquids, are listed in the "Assimilation list" table 4.1.1.21.6 in ADR. Transport of the substance is only allowed if the approval of the standard liquid(S), covered by "Rule for collective entries", has the same or higher relative density as the substance to be transported.
The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Content	Max. relative density	Max. vapour pressure, 114 kPa at +50°C	Max. vapour pressure, 143 kPa at +50°C
Standard liquid A: Wetting Solution	1.2	Jerrican:5,6,10 Cap:1-4,7,8,9	Jerrican:2,4,7,8,11,12 Cap:5,6
Standard liquid B: Acetic Acid	1.1	Jerrican:1,3,9 Cap:1-4,7,8,9	Jerrican:2,4,7,8,11,12 Cap:5,6
Standard liquid C: n-Butyl acetate	1.0	Jerrican:1,3,9 Cap:1-4,7,8,9	Jerrican:2,4,7,8,11,12 Cap:5,6
Standard liquid D: Mixture of hydrocarbons	1.0	Jerrican:1,3,9 Cap:1-4,7,8,9	Jerrican:2,4,7,8,11,12 Cap:5,6
Standard liquid F: Water	1.9	Jerrican:1,3,9 Cap:1-4,7,8,9	Jerrican:2,4,7,8,11,12 Cap:5,6

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0130A7	04.02.21	NET	Type approval
NET0130A6	15.04.19	NET	Type approval
NET0130A5	14.09.17	NET	Type approval
NET2814A	08.01.21	NET	Type test, 40B
NET2817A2	03.09.21	NET	Type test, 40PM
NET0130A2	26.07.17	NET	Type approval
NET0130A	26.07.17	NET	Type approval
NET01TE17	31.05.2024	NET	Technical Evaluation, UN tread lw
NET01T20	17.10.2025	NET	Technical Evaluation, 3.0

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VALIDITY:
The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.
The validity of the type approval assume regular verification by means of periodic audits by NET in accordance with NET Doc 2: "Production control agreement". The packaging shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

TEST STANDARD:
All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with NS-EN ISO/IEC 17025:2017 approved by Norsk Akkreditering and according to NS-EN ISO 16495:2022 and NS-EN ISO 13274:2013.

NORSK AKKREDITERING TEST 259

BREVIK, NORWAY **20.10.2025** CERTIFICATE IS VALID UNTIL: **31.10.2030**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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