TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0113A

HOLDER OF CERTIFICATE:

Emballator Mellerud Plast AB

MANUFACTURER: Emballator Mellerud Plast 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 12 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/NET0113A - 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
NET0113A	: Identification of the jerrican

PRODUCT:

Method of manufacture/ Description/ Material	Min. wall thickness
Blow moulded/ stackable jerrican performed in HDPE, details in report	0.9 mm

DIMENSIONS:

#: Weight of jerrican, g	Volume, litre	L*W*H, mm	Drawing	Neck size, mm
1: 1100-1400	25.0	290*250*467	H2511-610N 20080710	60

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

2: 970-1234	20.0	290*250*393	H2011-610N 20050207	60
3: 835-1063	15.0	290*250*319	H1511-610N 20050207	60

CLOSING MECHANISM:

#: Screw cap	Producer	Drawings	Material	Gasket	Torque, Nm
1: 60 mm	KTH GmbH	V 6126 OV	Marlex HXM 50100	Foamed PE	10 - 25 on MoH, others 20 - 25
2: 60 mm	Bergi-Plast GmbH	00-1836	Total 51090	Foamed PE, Rubber, Alveolit	10 - 25 on MoH, others 20 - 25
3: 61 mm	Emballator Växjöplast AB	12575 18.08.15	HDPE	EPE/PET, EPE/IHS, EPE ALU	10 - 25 on MoH, others 20 - 25
4: CR 61 mm	Bericap GmbH	ENG-00-013532	HDPE	PE/Alkozell/PE	20 Nm
5: CR 22 mm	Modulpac AB	22YD / 22IO	HDPE / HDPE	Alu wad	3 Nm

LEGISLATION:
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.

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

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(www.net17025.com/Sertifisering/UN_ADR/cid/30758/).

Prior to reuse, UN-approved packaging intended for the transport of dangerous goods shall be inspected to confirm that it remains free from damage, corrosion, and contamination. Compliance with the original ADR type approval, including all applicable prototype test performance criteria, must be maintained. Packaging exhibiting any sign of reduced mechanical integrity shall be subject to reconditioning, repair, or be permanently withdrawn from use. All functional components - including closures, gaskets, and valves - must remain intact and operational to ensure continued conformity.
Packaging that no longer meets these conditions shall not be reused for the transport of dangerous goods in accordance with ADR 4.1.1.9.

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.

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 shall always be used according to the requirement of the applicable UN-code and its packaging instruction. The packaging has been permeability tested according to ADR/RID
Compatibility testing has been carried out according to ADR/RID with the content listed below:

Content	Max. relative density	Closure #
Standard liquid B: Acetic Acid	1.1	1, 2, 3
Standard liquid C: n-Butyl acetate	1.0	1, 2, 3
Standard liquid D: Mixture of hydrocarbons	1.0	1, 2, 3, 4, 5
Standard liquid E: Nitric Acid	1.4	1, 2, 3
Standard liquid F: Water	1.9	1, 2, 3

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DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0113A	04.10.2007	NET	Type approval
NET0113A-NA	08.11.2007	NET	Type approval
NET0120A	19.01.2011	NET	Type approval
NET0113A2	15.08.2016	NET	Additional type test, cap torque
NET16T04	24.01.2017	NET	Additional type test, cap # 3
NET01T12-1	28.04.2017	NET	Additional type test, cap torque
NET0113A11	02.07.2020	NET	Additional type test, cap # 4,5

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 NS-EN ISO 16106:2020.

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

PORSGRUNN, NORWAY **28.08.2025** CERTIFICATE IS VALID UNTIL: **31.08.2025**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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