




# **PRODUCT 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:**  **3H1/Y1.9/150/YR/N/NET0113A - 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
1: 3H1	Plastics jerricans, non-removable head	H2511-610N 20080710	HDPE, Sabic B5210
2: 3H1	Plastics jerricans, non-removable head	H2011-610N 20050207	HDPE, Sabic B5210
3: 3H1	Plastics jerricans, non-removable head	H1511-610N 20050207	HDPE, Sabic B5210



**DIMENSIONS:**

Weight of jerrican, g	Volume, litre	Length, mm	Width, mm	Height, mm	Neck size, mm
1: 1100-1400	25.0	290	250	467	60
2: 970-1234	20.0	290	250	393	60
3: 835-1063	15.0	290	250	319	60

**CLOSING MECHANISM:**

#: Screw cap	Producer	Drawings	Material	Gasket	Torque
1: 60 mm	KTH GmbH	V 6126 OV	Marlex HXM 50100	Foamed PE	20 - 25 Nm
1.1: 60 mm	KTH GmbH	V 6126 OV	Marlex HXM 50100	Foamed PE	10 - 25 Nm
2: 60 mm	Bergi-Plast GmbH	00-1836	Total 51090	Foamed PE	20 - 25 Nm
2.1: 60 mm	Bergi-Plast GmbH	00-1836	Total 51090	Foamed PE, Rubber, Alveolit	10 Nm
3: 61 mm	Emballator Växjöplast AB	12575 18.08.15	HDPE	EPE/PET, EPE/IHS, EPE ALU	10 - 25 Nm
3.1: 61 mm	Emballator Växjöplast AB	12575 18.08.15	HDPE	EPE/PET, EPE ALU	10 Nm
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


**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 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	Max. vapour pressure, kPa at +50°C	Packaging #	Closure #
Standard liquid B: Acetic Acid	1.1	142	1,2,3	1, 2, 3
Standard liquid C: n-Butyl acetate	1.0	142	1,2,3	1, 2, 3
Standard liquid D: Mixture of hydrocarbons	1.0	142	1,2,3	1, 2, 3, 1.1, 2.1, 3.1, 4
Standard liquid E: Nitric Acid	1.4	142	1,2,3	1, 2, 3
Standard liquid F: Water	1.9	142	1,2,3	1, 2, 3

# 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 #1.1, 2.1
NET16T04	24.01.2017	NET	Additional type test, cap # 3
NET01T12-1	28.04.2017	NET	Additional type test, cap #1.1, 2.1, 3.1
NET0113A11	02.07.2020	NET	Additional type test, cap # 4

# 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.



PORSGRUNN, NORWAY

08.07.2020 CERTIFICATE IS VALID UNTIL:

31.07.2025

A handwritten signature in blue ink, reading 'Geir M. Johansen'.

Geir Morten Johansen  
Certification Officer

A handwritten signature in blue ink, reading 'Rune Madsen Fink'.

Rune Madsen Fink  
Control Officer

Nordisk Emballasje Testing AS Certification

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