



# 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:**  **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 |

## **CLOSING MECHANISM:**

| #: Closure type              | Producer                 | Drawings    | Material                | Gasket  | Torque |
|------------------------------|--------------------------|-------------|-------------------------|---------|--------|
| 1: Screw cap child resistant | Emballator Växjöplast AB | 40-948/901G | HDPE, details in report | Cone    | 5 Nm   |
| 2: Screw cap child resistant | Emballator Växjöplast AB | 40-983/901G | HDPE, details in report | EPE/PET | 5 Nm   |
| 3: Screw cap child resistant | Emballator Växjöplast AB | 40-985/901G | HDPE, details in report | EPE/PET | 5 Nm   |
| 4: Screw cap child resistant | Emballator Växjöplast AB | 40-900/901G | HDPE, details in report | Cone    | 5 Nm   |
| 5: Screw cap child resistant | Emballator Växjöplast AB | 40-255/901G | HDPE, details in report | EPE/ALU | 6 Nm   |



#### DIMENSIONS:

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

#### 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.

#### 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, 100 kPa at +50°C | Max. vapour pressure, 150 kPa at +50°C |
|------------------|-----------------------|--|--|
| Water            | 1.9                   | Jerricans 1 and 3, closure 1-4         | Jerricans 2 and 4, closure 5           |
| Wetting solution | 1.2                   | -                                      | Jerricans 2 and 4, closure 5           |
| Acetic acid      | 1.1                   | Jerricans 1 and 3, closure 1-4         | Jerricans 2 and 4, closure 5           |
| n-Butyl acetate  | 1.0                   | -                                      | Jerricans 2 and 4, closure 5           |
| White spirit     | 1.0                   | Jerricans 1 and 3, closure 1-4         | Jerricans 2 and 4, closure 5           |

#### 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, WS, n-Ba |

#### 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

03.10.2018 CERTIFICATE IS VALID UNTIL:

31.10.2023



Geir Morten Johansen  
Certification Officer



Rune Madsen Fink  
Control Officer

Nordisk Emballasje Testing AS Certification