

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0235A


HOLDER OF CERTIFICATE:
Berry Norway Containers AS

MANUFACTURER: Berry Norway Containers AS, Kambo, Brevikveien 535, N-1506 Moss, Norway

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.

 **3H1/Y1.2/150/YR/N/NET0235A-ID**

	: The United Nations symbol
3H1	: Plastics jerricans, non-removable head
Y1.2	: 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
NET0235A - ID	: Identification of the jerrican followed by "ID" to be replaced by the name or symbol of the manufacturer

PRODUCT:

Description/ Method of manufacture

Blow molded jerrican performed in HDPE, details in report.



DIMENSIONS:

Weight of the jerrican, g	Volume, l	L*W*H, mm	Neck size, mm	Min. wall thickness, mm	Drawing, Product
250.0 - 262.5	5.0	189.0 * 128.0 * 319.7	40	0.99	1-050/16/E, 5355

CLOSING MECHANISM:

Screw cap	Producer	Drawings	Material	Gasket	Torque, Nm
Child resistant, 40 mm	Modulpac AB	40BGPP	Exxon Mobil HYA 600	PET coated PE	10
Child resistant, 40 mm	Emballator Växjöplast AB	12436, 255/901G	ACP6541/ MB7541	EPE	5



LEGISLATION:

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 - 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.

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.

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, kPa at +50°C
Standard liquid D: Mixture of hydrocarbons	1.0	142
Standard liquid F: Water	1.2	142

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0235A	23.03.2020	NET	Type approval

VALIDITY:

The continued validity of the type approval requires that the certificate holder and/or the manufacturer inform NET Certification of any changes to the packaging design, characteristics, or any factors that may affect the transport safety of the approved type. This is to ensure that the packaging continues to conform to the design originally tested and approved.

The validity of the type approval is contingent upon regular verification through periodic audits conducted by NET in accordance with NET Doc 2: "Production Control Agreement". The packaging must be manufactured, reconditioned, and tested under a quality assurance program that meets the requirements of NET Certification, ensuring continued compliance with the ADR regulations and the guidelines set out 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.



BREVIK, NORWAY

14.03.2025 CERTIFICATE IS VALID UNTIL:

31.03.2030



Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification