

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0208C

HOLDER OF CERTIFICATE:

Berry Norway Containers AS, Kambo
MANUFACTURER:

Berry Norway Containers AS, Kambo, Boks 3054, 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 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.

③ **3H1/Y1.9/150/YR/N/NET0208C - ID**

③	: The United Nations symbol
3H1	: Plastics jerricans, non-removable head
Y1.9	: Packing group II and III, and maximum 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
NET0208C - 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 with open handle, manufactured from HDPE. Details are given in the reports.


DIMENSIONS:

#: Weight of jerrican, g	Volume, l	L*W*H, mm	Neck size, mm	Drawing/ Product	Thickness, mm
1: 130 - 270	4.0	193.5*129*249	40	B-30913 / 9457, 4 L	0.57
2: 160 - 270	4.0	193.5*129*249	40	B-30896A / 9454, 4 L	0.67

MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C, SHALL BE:

Initial boiling point in °C	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
Degree of filling in liter	3.9	4.0	4.1	4.2	4.3

CLOSING MECHANISM:

#: Screw cap	Producer	Drawing	Material	Gasket	Torque
1: 40 mm, child resistant	Modulpac AB	40BPP/ 8400002	HDPE, details in report	PET/ PE/ foamed EPE/ PE/ PET	5 Nm
2: 40 mm	Modulpac AB	40PM/ 8400013	HDPE, details in report	Cone	6 Nm
4: 40 mm	Modulpac AB	40PMF/ 8400028	HDPE, details in report	Cone	10 Nm
5: 40 mm, child resistant	Modulpac AB	40BPP POM/ 840002	POM/ HDPE details in report	PET/ PE/ foamed EPE/ PE/ PET	5 Nm
6: 40 mm, child resistant	Emballator Växjöplast AB	12445	MB7541/ MB7541	EPE/ALU	5 Nm
7: 40 mm, child resistant	Emballator Växjöplast AB	12445	MB7541/ MB7541	EPE/PET	5 Nm



LEGISLATION:

NET issues this certification pursuant to delegated authority from the Norwegian Directorate for Civil Protection (DSB), in accordance with the Regulation of 1 April 2009 No. 384 on the land transport of dangerous goods, Chapter 6a (ref. 2023/4375 PRAX). NET is designated as the competent body for allocation of the UN mark on packagings, including IBCs and large packagings, as published by the United Nations (UNECE) list of competent authorities.

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.

REGULATORY BASIS 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 approved for Packing Groups II and III for liquid substances covered by the standard liquids specified in the table below.

The liquids identified by letters A-F refer to the standard liquids specified in ADR 6.1.6.1. Chemical compatibility with the relevant standard liquid has been demonstrated in accordance with ADR 6.1.5.2.6. Dangerous substances that may be transported in the packaging on the basis of chemical compatibility with these standard liquids are identified in the Assimilation List in ADR 4.1.1.21.6.

Where the provisions for collective entries apply, a substance may only be transported if the approved standard liquid has a relative density equal to or greater than that of the substance to be transported.

The packaging shall always be used in accordance with the requirements applicable to the relevant UN number, classification and packing instruction.

Prior to reuse, all UN-approved packagings intended for the transport of dangerous goods shall be inspected to ensure that they remain free from damage, corrosion and contamination and continue to comply with the approved design type.

All functional components, including closures, gaskets and valves, shall remain intact and fully operational. Packagings showing signs of reduced mechanical integrity shall be reconditioned or repaired, where permitted, or permanently withdrawn from service.

Packagings that no longer comply with these requirements shall not be reused for the transport of dangerous goods, in accordance with ADR 4.1.1.9.

Approved content	Max. relative density	Jerrican #	Screw cap #	Max. vapour pressure, kPa at +50°C
Standard liquid F: Water	1.9	1	1, 2, 6, 7	143
Standard liquid C: n-Butyl acetate	1.0	1	1, 2, 6, 7	143
Standard liquid D: Mixture of hydrocarbons	1.0	1	1, 2, 5, 6, 7	143
Standard liquid B: Acetic Acid	1.1	1	1, 2, 4, 6, 7	143
Standard liquid A: Wetting Solution	1.2	2	1, 2, 6, 7	143
Standard liquid B: Acetic Acid	1.2	2	1, 2, 6, 7	143

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0203A	27.03.2007	NET	Type testing
NET0208A	06.11.2007	NET	Technical evaluation
NET0203C	26.01.2009	NET	Type testing
NET0208C	26.01.2009	NET	Technical evaluation
NET02T07	07.06.2012	NET	Type testing
NET0208C-1	04.09.2013	NET	Type testing
NET28POM40B	29.03.2017	NET	Additional test, cap 5
NET0211D4	17.12.2018	NET	Additional test, cap 6,7
NET0211D5	11.12.2018	NET	Additional test, cap 6,7 W.s.
NET2823A	23.03.2021	NET	Additional test, 40BPP
NET2821A	23.03.2021	NET	Additional test, 40BPP POM
NET2817A2	03.09.2021	NET	Additional test, 40PM
NET2832A	03.09.2021	NET	Additional test, 40PMF

VALIDITY:

This approval is valid for five (5) years, provided no modifications are made to the packaging design, materials, dimensions, closure system, or method of construction.

The certificate may be withdrawn at any time.

The published version on www.net17025.com/Sertifisering/UN_ADR/cid/30758/ shall always be considered the valid one.

The certificate holder/manufacturer must notify NET Certification of any changes that may influence transport safety.

Continued validity requires 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 meeting ADR requirements and 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.



BREVIK, NORWAY

08.09.2026 CERTIFICATE IS VALID UNTIL:**30.09.2031**

Anita Gusfre Thoner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification