TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET7701A

HOLDER OF CERTIFICATE:

Emballator Metalpak Oy

MANUFACTURER: Emballator Metalpak Oy, Tampereentie 463, 33880 Lempäälä, Finland

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.

(un) 1A2/Y1.6 Z2.4/100/YR/N/NET7701A - ID

(un)	: The United Nations symbol
1A2	: Steel drums, removable head
Y1.6 Z2.4	: Packaging group II and III, followed by max relative density
100	: Hydraulic test pressure in kPa
YR	: To be replaced with the year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET7701A - ID	: Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PRODUCT:

Description/ Method of manufacture/ Material
Series 285 UN-pail, welded steel sheet EN10202 with longitudinal side seam, one or none bead, triple-seamed bottom

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

DIMENSIONS:

#: Capacity (L) / No. of Beads	H * Ø top/bottom (mm)	Head/Body/Bottom (mm)	Drawing
1: 20 / 1	370 * 285 / 270	0.43/0.36/0.36	KAR1090-2 / MS230005-M
2: 20 / 1	370 * 285 / 270	0.43/0.36/0.36	KAR1059-4 / MS230012-M
3: 13 / 1	270 * 285 / 270	0.43/0.36/0.36	KAR1094-3 / MS230015-M
5: 10 / 1	210 * 285 / 270	0.43/0.36/0.36	KAR1083-2 / MS230011-M
6: 10 / 1	207 * 285 / 270	0.43/0.36/0.36	KAR1060-5 / MS230016-M
7: 10 / 0	207 * 285 / 270	0.43/0.36/0.36	KAR1033-6 / MS230006-M
8: 7 / 0	195 * 285 / 270	0.43/0.36/0.36	KAR1093-2 / MS230007-M

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	19.8	20.2	20.7	21.1	21.6

CLOSING MECHANISM:

18 lug lid	Producer	Drawings	Material	Gasket
1: Plain	Emballator Ulrichehamn Bleck AB	EUB-102444	Steel sheet EN10202	PVC compound
2: 51 mm HZB spout center	EUB/ Frii-Plast OY	EUB-10960	Steel sheet EN10202	PVC compound
3: S2 spout side	EUB/ Bericap GmbH	EUB-10741	Steel sheet EN10202	PVC compound
4: HZB spout center	EUB/ Rieke Germany GmbH	EUB-12249	Steel sheet EN10202	PVC compound
5: HZB spout side	EUB/ Rieke Germany GmbH	EUB-10246	Steel sheet EN10202	PVC compound

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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.

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:
6.1.5.3 Drop test
6.1.5.4 Leakproofness test
6.1.5.5 Internal pressure test
6.1.5.6 Stacking test

APPROVAL IS VALID FOR:
The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Content	Max. vapour pressure at +50°C
Liquid substances that do not adversely affect the packaging materials	114

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DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET7701A4	30.09.2025	NET	Type test
NET7701A5	31.10.2025	NET	Type test

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 programme 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.

NORSK AKKREDITERING TEST 259

BREVIK, NORWAY **30.10.2025** CERTIFICATE IS VALID UNTIL: **31.10.2030**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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