

**TYPE APPROVAL OF PACKAGING FOR  
TRANSPORTATION OF DANGEROUS GOODS  
CERTIFICATE NO.: NET7702A**

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.

Ⓢ **1A2/Y1.6/100/YR/N/NET7702A - ID**

- Ⓢ : The United Nations symbol
- 1A2 : Steel drums, removable head
- Y1.6 : Packaging group II and III, and max gross mass in kg
- S : Intended for carriage of solids
- YR : To be replaced with the year (last two digits) of manufacture
- N : Norway, the state authorizing the allocation of the mark
- NET7702A - ID : Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

**PRODUCT:**

Method of manufacture/ Description	Material
Rolled steel pail with one beam and longitudinal welded side seam and triple-seamed bottom	Steel Sheet EN10202



**DIMENSIONS:**

Volume, l	H * Ø top/ Ø bottom, mm	Head/ Body/ Bottom, mm	Drawing
20.0	370 * 285/ 270	0.44 / 0.35 / 0.34	PZ 5 285 07

**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	20.2	20.7	21.1	21.6	22.0

**CLOSING MECHANISM:**

#: Closure type	Producer	Drawings	Material	Gasket
1: Lug lid	Emballator metalpak OY	PAA5007-4	Steel Sheet EN 10202	PVC compound
1.1: Plastic plug, S2 KAK	Bericap GmbH	ENG-00-004512	LDPE	None, velded


**LEGISLATION:**

The approval 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. This certificate is liable to withdrawal at any time, to ensure validation check the published version on the Internet ([www.net17025.com/Sertifisering/UN\\_ADR/cid/30758/](http://www.net17025.com/Sertifisering/UN_ADR/cid/30758/)).

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:

6.1.5.3 Drop test

6.1.5.6 Stacking test

**APPROVAL IS VALID FOR:**

The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

Content
Liquid substances that do not adversely affect the packaging materials

**DOCUMENTS BASED UPON FOR APPROVAL:**

Report id.	Date	Issued by	Scope
NET7702A	07.11.2019	NET	Type approval

**VALIDITY:**

The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.

The validity of the type approval assume regular verification by means of 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 which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the 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.



BREVIK, NORWAY

**04.12.2024** CERTIFICATE IS VALID UNTIL:**31.12.2029**

Mathias Werner  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*