

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET9202A**

HOLDER OF CERTIFICATE:

Kongsberg Defence & Aerospace AS

MANUFACTURER: Ovun AS, Strandgata 108, 6300 Åndalsnes, 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 12 mm high. The packaging shall also be appropriately marked with the month of the manufacture.

Ⓢ **1H2/Z1.0/100/YRN/NET9202A - ID**

- Ⓢ : The United Nations symbol
- 1H2 : Plastics drums, removable head
- Z1.0 : Packaging group and III and Max. relative density
- 100 : max hydraulic test pressure
- YR : To be replaced with the year, last two digits, of manufacturer
- N : Norway, the state authorizing the allocation of the mark
- NET9202A - ID : Identification of the packaging followed by "ID" to be replaced by the name or of the manufacturer

PRODUCT:

Description	Drawings	Material
Rotational moulded plastics drums, removable head	1ICD60212348	Halar 6012F

DIMENSIONS:

Packaging weight, g	Volume, l	Max diameter, mm	Height, mm
10.75	60.0	350	982.5

CLOSING MECHANISM:

Closure type	Producer	Drawings	Material	Gasket	Torque
Lid	Kongsberg Defence & Aerospace AS	JSM-FT-9202	Aluminum	Rubber	-
42 pc of M4, conical head screw	Arvid Nilsson	-	Steel	-	2 Nm

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/).

NET issues the certification on described product according to delegated authority from Norwegian 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 Chemical compatibility

6.1.5.3 Drop test

6.1.5.4 Leakproofness test

6.1.5.5 Internal pressure test

and Permeability test in accordance with SEA J 2665

APPROVAL IS VALID FOR:

The packaging is valid for packaging group 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. Compatibility testing has been carried out according to ADR/RID with the content listed below:

Content	Max. vapour pressure, kPa at +50°C
JP-10	114

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET9202A	08.11.2016	NET	Type approval
NET9202A2	23.04.2024	NET	Selective test

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 ISO 16106.

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.



BREVIK, NORWAY

23.04.2024 CERTIFICATE IS VALID UNTIL:**30.04.2029**

Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification