

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET2703B**


HOLDER OF CERTIFICATE:
Nammo Raufoss AS

MANUFACTURER: Nefab Packaging OÜ, Killustiku 6, Rae Vald, 75303 Lagedi, Harjumaa, ESTONIA

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.

 **4D/Y252/S/YR/N/NET2703B - ID**

-  : The United Nations symbol
- 4D : Plywood boxes
- Y252 : Packaging group II and III, and max gross mass 252 kg, see content table
- S : Intended for carriage of solids, here article in custom made interior
- YR : To be replaced with the year (last two digits) of manufacture
- N : Norway, the state authorizing the allocation of the mark
- NET2703B - ID : Identification of the packaging followed by "ID" to be replaced by the name/ symbol of the manufacturer

PRODUCT:

Description/ Method of manufacture	Material/ thickness	External dimensions: L*W*H, mm
Screw-constructed plywood crate box with lid and faith reinforcement edges, integral pallet suitable for mechanical handling	7 layers of plywood, thickness 19 mm	2040*485*534



DIMENSIONS:

Tare weight, kg	Volume, l	Internal dimensions: L*W*H, mm	Explosive approved	Drawing
89	360	2004*449*400	Yes	941293-000-D

CLOSING MECHANISM:

Lid/ Strap	Producer	Drawings	Material
Plywood lid fixed with 3 pc of steel strapping band	Nefab Packaging OÜ	941293-000-D	Plywood 7 layers

LEGISLATION:

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:

6.1.5.3 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 P130.

Content
UN0281 ROCKET MOTORS, 1.2C
UN0186 ROCKET MOTORS, 1.3C

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
0108067	21.08.2001	Nammo	Type approval, new type of interior
NET24T04	27.08.2010	NET	Plywood testing
NET2703B2	31.10.2023	NET	Additional type test, SS band

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.



BREVIK, NORWAY

02.11.2023

CERTIFICATE IS VALID UNTIL:

30.11.2028

Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification