

# **PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET2723A**

HOLDER OF CERTIFICATE:  
**Nammo Raufoss AS**

**MANUFACTURER:** Kongsberg Emballasje AS, Sportsveien 9, N-3615 Kongsberg, 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.

④ **4D/Y152/S/YR/N/NET2723A-ID**

④	: The United Nations symbol
4D	: Plywood boxes
Y152	: 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
NET2723A - ID	: Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

## **PRODUCT:**

Packaging code	Drawings	Material
4D, Plywood boxes	Q100874	7 layer WISA-Wire Plywood/ Steel/ Wood



## **DIMENSIONS:**

Packaging weight, Kg	Volume, l	L*W*H, mm	Wall thickness, mm
53.0	355	2455*376*385	9

## **CLOSING MECHANISM:**

Closure type	Producer	Drawings	Material
Plywood lid, fixed with steel hinge clips	Kongsberg Emballasje AS	Q100874	Plywood/steel

### 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 - 06/6950-7/BJRU.

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. The packaging has been considered and approved for explosives (class 1).

Content
Rocket motors, UN0186 Class 1.3 C
Rocket motors, UN0281 Class 1.2 C

### DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET2401A-1	22.06.2009	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 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

19.04.2022 CERTIFICATE IS VALID UNTIL:

30.04.2027

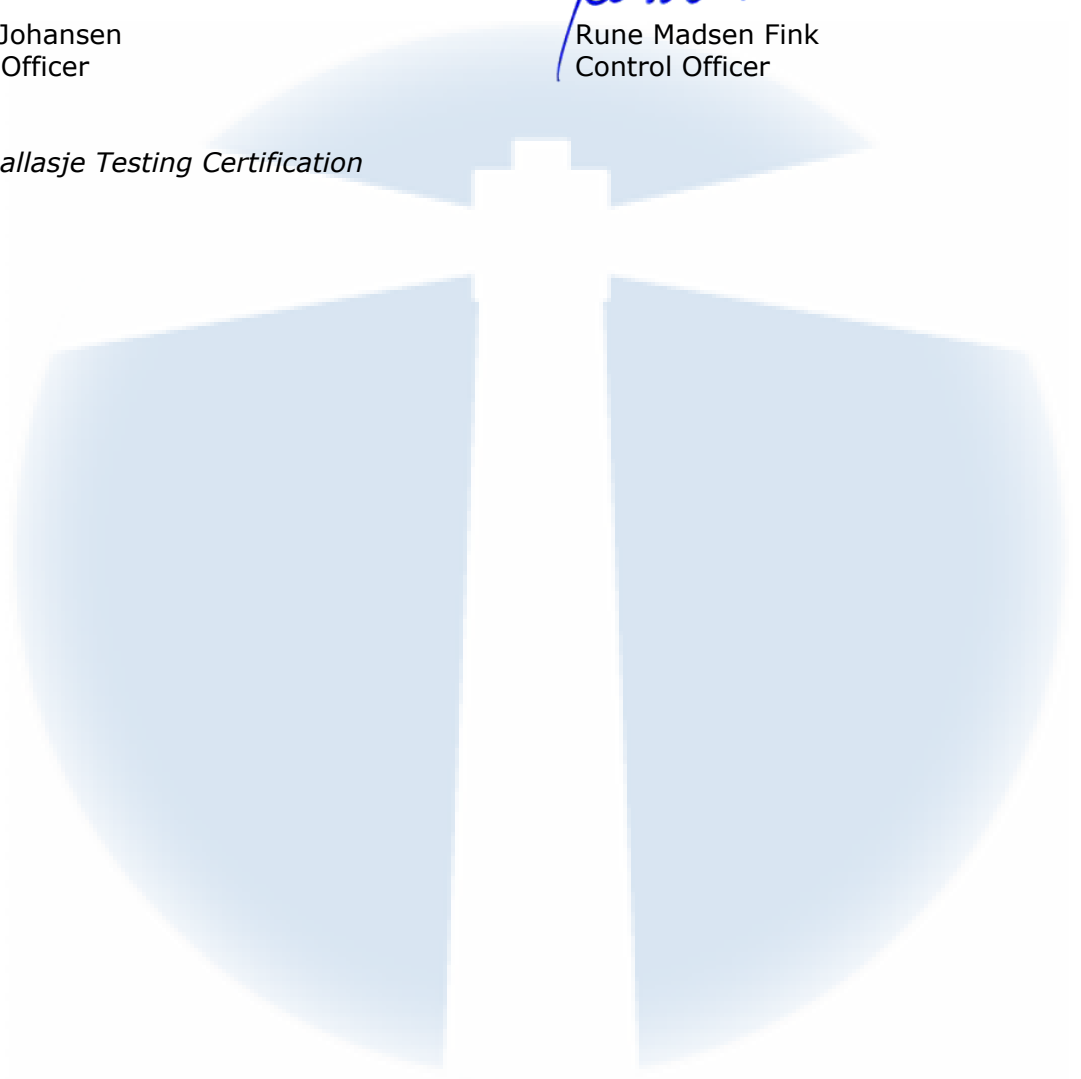
A handwritten signature in blue ink, reading 'Geir M. Johansen'.

Geir Morten Johansen  
Certification Officer

A handwritten signature in blue ink, reading 'Rune Madsen Fink'.

Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*

A large, faint, light blue background logo in the center of the page, resembling a stylized umbrella or a shield with a central vertical element.