

**TYPE APPROVAL OF PACKAGING FOR  
TRANSPORTATION OF DANGEROUS GOODS  
CERTIFICATE NO.: NET7105A**


HOLDER OF CERTIFICATE:  
**Kongsberg Emballasje 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. Each LP shall also be marked with maximum permitted stacking load according to ADR 6.6.3.3.1 (as shown in figure to left).

 **50D/X/MMYY/N/NET7105A - ID/526/292**

-  : The United Nations symbol
- 50D : Large Packaging, plywood
- X : Packaging group I, II and III
- MMYY : To be replaced with the month and year, last two digits, of manufacturer
- N : Norway, the state authorizing the allocation of the mark
- NET7105A - ID : Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer
- 526 : The stacking test load in kg
- 292 : The maximum permissible gross mass in kg

**PRODUCT:**

Description/ Method of manufacture	Drawings	Material
Screw-constructed plywood crate large packaging with aluminium profiles	71DR05A	7 layer waterproof plywood



**DIMENSIONS:**

Volume, l	Internal dimensions: L*W*H, mm	Thickness, mm
712	973*615*1190	9

**CLOSING MECHANISM:**

Lid with steel hinges and locks	Producer	Drawings	Material
7 layer plywood	Kongsberg Emballasje AS	71DR05A	Plywood / Aluminium
4 strut hinges	Penn Elcom	35*68 mm	Chrome steel
2 Butterfly locks	Penn Elcom	102*105 mm	Galavanised steel

**ACCESSORIES:**

Type	Description	Material
Interior of plastic foam	Fitted to the electric actuator	Polyethylen Stratocell

**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:

6.6.5.3.1 Bottom lift test

6.6.5.3.3 Stacking test

6.6.5.3.4 Drop 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
UN3481 Lithium Ion Batteries Packed with equipment according to report NET7105A

**DOCUMENTS BASED UPON FOR APPROVAL:**

Report id.	Date	Issued by	Scope
NET7105A	13.02.2019	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 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

**28.03.2024**

CERTIFICATE IS VALID UNTIL:

**31.03.2029**

Mathias Werner  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*