TYPE APPROVAL OF PACKAGING FOR TRANSPORT OF DANGEROUS GOODS CERTIFICATE NO.: NET21550A

CERTIFICATE HOLDER:
NEFAB AB

MANUFACTURING SITE: According to agreement, 215-2600129/1

UN MARKING:
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.

(un) 4D/XKG YKG ZKG/S/YR/N/NET21550A - ID

(un)	: The United Nations symbol
4D	: Plywood boxes
XKG YKG ZKG	: Packing groups I, II and III, and "KG" = max gross mass in kg according to "Approved content" table
S	: Intended for carriage of solids or inner packagings, according to "Approved content" table
YR	: To be replaced with the year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET21550A - ID	: Identification of the packaging, with ID as listed in NEFAB table of manufacturer sites

PACKAGING DESIGN:

Description/ Method of manufacture	Material/ thickness
Plywood box. Manufacturer's designation: ExPak P, hybrid.	5 and 7 layers of plywood with water resistant adhesive. Thickness: 6 mm in long, top and one short side; 8 mm in bottom and the locking cap by one short side.

DIMENSIONS:

#: Volume, l / Tare weight, kg	Internal dimensions: L*W*H, mm	External dimensions: L*W*H, mm	Explosive approved	Drawing
1: 186.5 / 15.9	1037*775*232	1050*790*245	YES	00819
2: 192.4 / 15.9	1070*775*232	1085*790*245	YES	01314
3: 49.3 / 7.1	1037*205*232	1077*230*252	YES	06641, 13.08.1999
4: 98.6 / 13.1	1070*397*232	1090*415*250	YES	08107 Rev F; 08398 Rev C

CLOSURES AND FITTINGS:

Closure / fittings
The box is put together with locking tongues made of steel BA500, the box is closed with lock fittings.

NET AS
Blekebakkvegen 45
N-3950 Brevik

Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com

VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

AUTHORITY:
NET issues this certification pursuant to delegated authority from the Norwegian Directorate for Civil Protection (DSB), in accordance with the Regulation of 1 April 2009 No. 384 on the land transport of dangerous goods, Chapter 6a (ref. 2023/4375 PRAX). NET is designated as the competent body for allocation of the UN mark on packagings, including IBCs and large packagings, as published by the United Nations (UNECE) list of competent authorities.
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.

APPLICABLE REGULATIONS:
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 PERFORMED:
Prototype tests performed and approved according to the above regulations:
6.1.5.3 Drop test
6.1.5.6 Stacking test
Vibration test according to U.S. DOT 178.608, for variant 4 (report P801008).

SCOPE OF APPROVAL:
The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instruction, and is restricted to the content specified below as documented in test report.
The packaging has been considered and approved for explosives (class 1), within the packing groups and configurations specified under Dimensions and Approved content.

Prior to reuse, all UN-approved packagings intended for the transport of dangerous goods shall be inspected to confirm that they remain free from damage, corrosion, and contamination. Compliance with the original ADR type approval, including all applicable prototype test performance criteria, must be ensured.
Packagings showing any sign of reduced mechanical integrity shall be subject to reconditioning, repair, or permanent withdrawal from service. All functional components, including lid, fasteners and internal fittings, must remain intact and fully functional to ensure continued conformity.
Packagings that no longer fulfil these requirements shall not be reused for the transport of dangerous goods, in accordance with ADR 4.1.1.9.

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APPROVED CONTENT:

#: Configuration and contents	Max gross mass in packing group I, kg	Max gross mass in packing group II and III, kg
1: Articles which do not adversely affect the packaging materials.	47	47
2: Articles which do not adversely affect the packaging materials.	55	55
3: Articles which do not adversely affect the packaging materials.	25	25
4: Articles which do not adversely affect the packaging materials.	-	35

DOCUMENTS FORMING THE BASIS FOR APPROVAL:

Report id.	Date	Issued by	Scope
87M21239	24.11.1988	SP	Type testing
91M20830	07.04.1992	SP	Additional type testing
99H60918	22.10.1999	SP	Type testing
P304275A	11.12.2003	SP	Type testing
P800389	01.02.2008	SP	Additional type testing
PX01595	29.03.2010	SP	Additional type testing
PX14218	27.06.2011	SP	Additional type testing
P801008	07.02.2008	SP	Vibration test

VALIDITY:

This approval is valid for five (5) years, provided no modifications are made to the packaging design, materials, dimensions, closure system, or method of construction.
The certificate may be withdrawn at any time.
The published version on www.net17025.com/Sertifisering/UN_ADR/cid/30758/ shall always be considered the valid one.
The certificate holder/manufacturer must notify NET Certification of any changes that may influence transport safety.
Continued validity requires 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 programme meeting ADR requirements and guidelines in NS-EN ISO 16106:2020.

BREVIK, NORWAY **23.11.2026** CERTIFICATE IS VALID UNTIL: **30.06.2031**

Anita Gusfre Thoner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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