TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET19004A

HOLDER OF CERTIFICATE:
AB Karl Hedin

MANUFACTURER: Boardic AB, Sjötullsgatan 35, 602 28 Norrköping, Sweden

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.

(un) 4D/Y95/S/YR/N/NET19004A - ID

(un)	: The United Nations symbol
4D	: Plywood boxes
Y95	: Packaging group II, and max gross mass 95 kg
S	: Intended for carriage of articles, see content table
YR	: To be replaced with the year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET19004A-ID	: Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PRODUCT:

Description/ Method of manufacture
Screw-assembled plywood box with an integral pallet base suitable for mechanical handling. The packaging consists of a lower pallet/base section and a removable five-sided plywood cover forming the top and side walls of the box. The plywood cover is secured to the lower pallet/base section by four external PET straps applied in a cross-strapping configuration.

DIMENSIONS:

Volume, l / Tare weight, kg	Int. dimensions: L*W*H, mm	Ext. dimensions: L*W*H, mm	Material/ thickness	Drawing
79 / 22.7	781*583*174	825*607*305	9 layers of pine plywood, thickness 19 mm	Main box. Rev3

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

CLOSING MECHANISM:

Closure type	Producer	Drawing/ Description
Four PET straps, forming a cross-strapping configuration	Fromm Packaging Systems	15.5 x 0.7 mm PET (Art.no. 40.7382)
Removable five-sided plywood cover	Boardic AB	Plywood Pine, 7 layers, Top Rev 3

INTERNAL PROTECTIV / SECURING SYSTEM:

Type	Description
PET straps	The battery is fixed to the lower pallet/base section by two transverse PET straps routed through dedicated grooves in the packaging
Fire blanket	For damaged or defective lithium-ion batteries, the battery shall be fully enclosed by a fire-resistant protective blanket or cloth meeting reaction-to-fire classification A1 or A2 according to EN 13501-1:2019, based on testing according to EN ISO 1182:2020. Equivalent materials may be used, provided that documentary evidence of compliance is available and that the packaging is otherwise closed and secured as tested

LEGISLATION:

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.

REGULATORY BASIS 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.

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

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APPROVAL IS VALID FOR:
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.

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.

Approved Contents	Battery dimensions, mm	Max. battery weight, kg
One lithium ion-battery, UN3480 packed in accordance with packing instruction P903	571*431*132	70.5
One damaged or defective lithium-ion battery, UN 3480, packed in accordance with SP 376 and packing instruction P908 if fully enclosed by the specified fire blanket	571*431*132	70.5

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET19004A	27.05.2026	NET	Type approval
NET19004A2	03.06.2026	NET	Additional drop test
NET190TE04	09.06.2026	NET	Technical evaluation, blanket

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 and tested under a quality assurance program meeting ADR requirements and guidelines in NS-EN ISO 16106:2020.

TEST STANDARD:
All tests were performed in accordance with NET accredited test method ATM001.
The test method is accredited in accordance with NS-EN ISO/IEC 17025:2017 approved by Norsk Akkreditering and according to NS-EN ISO 16495:2022.

NORSK AKKREDITERING TEST 259

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BREVIK, NORWAY **09.06.2026** 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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