TYPE APPROVAL OF PACKAGING FOR TRANSPORT OF DANGEROUS GOODS CERTIFICATE NO.: NET9617A

CERTIFICATE HOLDER:
Cowin Svenska AB

MANUFACTURING SITE: Cowin Global Logistics Equipment, 55 Hong Kong Road, Pingdu New Industrial Park, 266 700 Qingdao, P.R. China

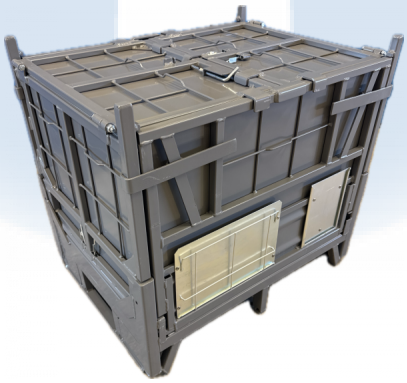
UN MARKING:
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high.

(un) 4A/Y400/S/YR/N/NET9617A-ID

(un)	: The United Nations symbol
4A	: Steel boxes
Y400	: Packaging group II, max gross mass in kg
S	: Intended for carriage of solids or inner packagings, see content table
YR	: To be replaced with the year, last two digits, of manufacturer
N	: Norway, the state authorizing the allocation of the mark
NET9617A-ID	: Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer

PACKAGING DESIGN:

Description/ Method of manufacture
Collapsible, secure combitainer for dangerous goods with steel frame. Steel outer walls (min. thickness 1.6 mm) and corrugated plastic layer for insulation and protection. Ventilated, lockable top cover. Stackable and two-way forklift compatible.



DIMENSIONS:

Volume, l / Tare weight, kg	Internal dimensions: L*W*H, mm	External dimensions: L*W*H, mm	Drawing
198 / 87	730*530*517	796*596*735	dESAPAC 190325 Rev1

INNER PACKAGING:

Type	Material
Plastic bag from Boxon Pac AB, big enough to fold over the edge when filled, closed with a cable tie	BoxCor VCI Film

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

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.

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 closures, gaskets, and valves - must remain intact and fully operational 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 CONTENT:

Approved Contents	Packaging instruction
UN 3480, lithium ion batteries in Vermiculite.	P903, P908, P909 and P910
UN 3551, sodium ion batteries in Vermiculite.	P903, P908, P909 and P910

DOCUMENTS FORMING THE BASIS FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET8515AK	08.09.2025	NET	Type approval

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.

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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.

TEST METHODS AND STANDARDS:
All tests are 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 and NS-EN ISO 13274:2013.

NORSK AKKREDITERING TEST 259

BREVIK, NORWAY **05.11.2026** CERTIFICATE IS VALID UNTIL: **31.03.2031**

Anita Gusfre Thoner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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