

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET8515A

HOLDER OF CERTIFICATE:
DESAPAC AB


MANUFACTURER:

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

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.

 **4A/Y400/S/YR/N/NET8515A-ID**

	: 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
NET8515A-ID	: Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer

PRODUCT:

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

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/).

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.

Content	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 BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET8515A	25.04.2025	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 NS-EN ISO 16106:2020.

TEST STANDARD:

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.

BREVIK, NORWAY

13.06.2025 CERTIFICATE IS VALID UNTIL:

30.06.2030

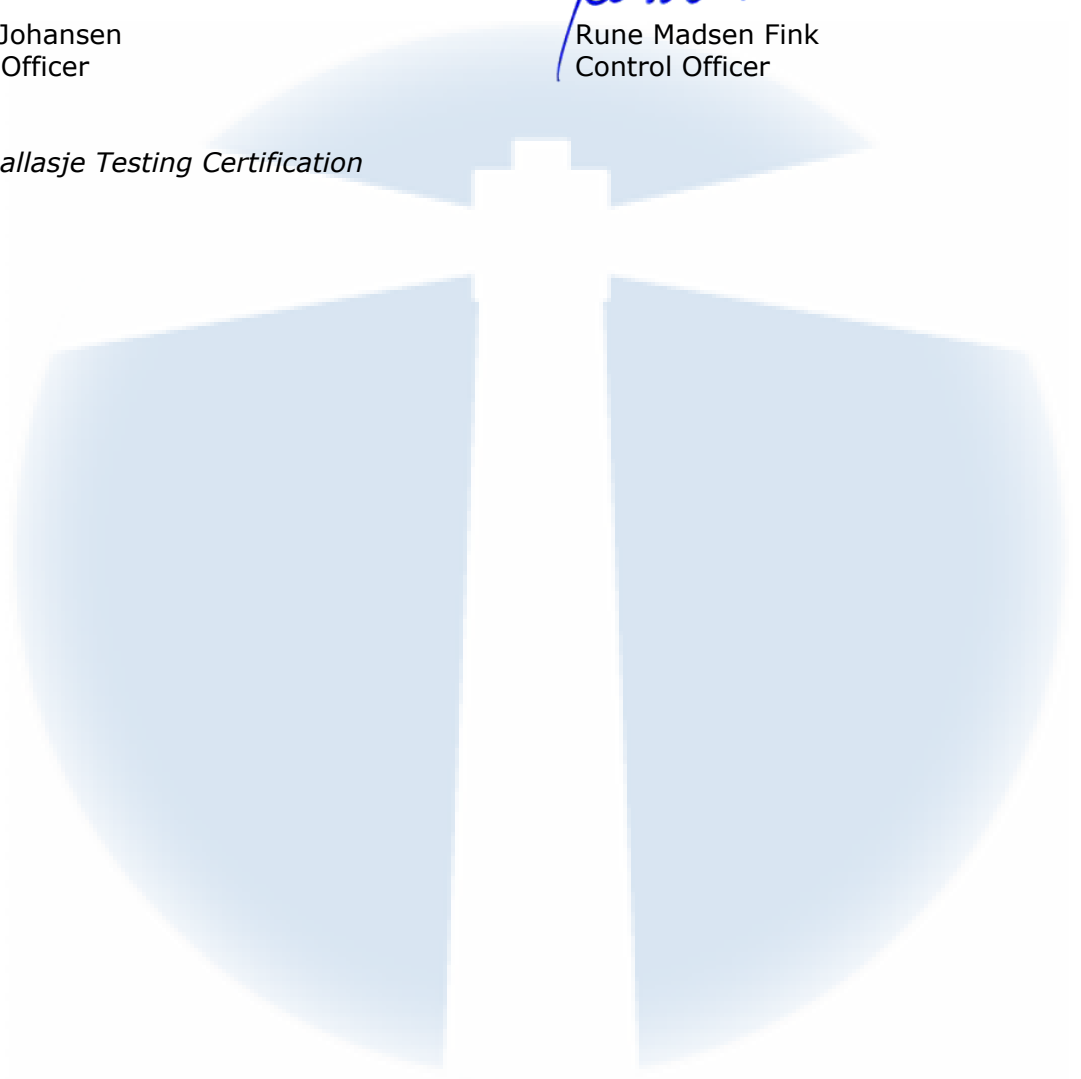
A handwritten signature in blue ink, reading 'Mathias Werner'.

Mathias Werner
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. It consists of a central vertical bar with a cross-like shape at the top, and two large, rounded rectangular shapes on either side, resembling a stylized 'H' or a shield.