TYPE APPROVAL OF PACKAGING FOR TRANSPORT OF DANGEROUS GOODS CERTIFICATE NO.: NET9614A

CERTIFICATE HOLDER:
Cowin Svenska AB

750 kg max



MANUFACTURING SITE: Dingzhou Tian Yilong Metal Products Co. Ltd., Liusu Industrial Zone, Dingzhou 073000, Hebei Province, P.R.C., China

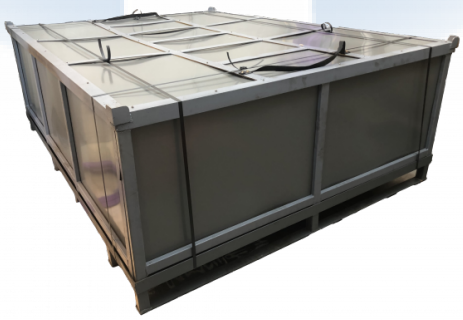
UN MARKING:
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high.

50A/Y/MMYY/N
NET9614A-ID
2000/750

(un)	: The United Nations symbol
50A	: Large packaging, steel
Y	: Packaging group II
MMYY	: To be replaced with the month and year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET9614A - ID	: Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer
2000	: The stacking test load in kg
750	: The maximum permissible gross mass in kg

PACKAGING DESIGN:

Description	Drawings
A steel box with removable lid and walls. Pallet made in steel.	20200816-HV



DIMENSIONS:

Packaging weight, g	Volume, l	Length, mm	Width, mm	Height, mm
248	2642	2190	1585	832

NET AS
Blekebakkvegen 45
N-3950 Brevik

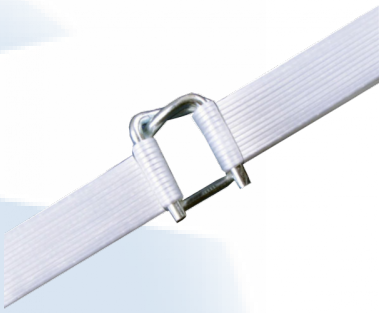
Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com

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

CLOSURES AND FITTINGS:

#: Lid with strap 2, 2.1 or 2.2	Producer	Drawings/ Description	Material
1: Lid	Dingzhou Tian Yilong Metal Products Co. Ltd	20200816-HV lid	Steel/Plastic
2: Strapping * 4	Any	12 mm, 130 kg	PP
2.1: Strapping * 4	Any	35 mm, 1000 kg	Polyester
2.2: Strapping * 4	Any	16 mm, 450 kg	Polyester





INNER PACKAGING:

Type	Producer	Drawing	Material	Dimensions
Outer frame	Dingzhou Tian Yilong Metal Products Co. Ltd	20200816-HV short side	Steel/Plastic	1643*25*570
Outer frame	Dingzhou Tian Yilong Metal Products Co. Ltd	20200816-HV Long side	Steel/Plastic	2115*25*570
Pallet	Dingzhou Tian Yilong Metal Products Co. Ltd	20200816-HV bottom	Steel/Plastic	2180*1660*150

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.

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TESTS PERFORMED:
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

SCOPE OF APPROVAL:
The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction; LP903/LP904.

The large packaging covered by this certificate has been prepared and tested as for transport in accordance with the applicable requirements of ADR. The use of other packaging methods, components, or preparations than those described in this certificate may render the approval invalid.

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	Max weight of battery kg
UN3480, Lithium ion batteries	494
UN3481, Lithium ion batteries in equipment	494

DOCUMENTS FORMING THE BASIS FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET8512A	11.08.20	NET	Type approval
NET85TE05	20.05.22	NET	Technical evaluation, 2.1
NET85TE06	29.06.22	NET	Technical evaluation, 2.2

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.

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.

NORSK AKKREDITERING TEST 259

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BREVIK, NORWAY **04.11.2026** CERTIFICATE IS VALID UNTIL: **30.04.2031**

Anita Gusfre Thoner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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