TYPE APPROVAL OF PACKAGING FOR TRANSPORT OF DANGEROUS GOODS CERTIFICATE NO.: NET8302B

CERTIFICATE HOLDER:
Hagmans Nordic AB

MANUFACTURING SITE: Hagmans Nordic AB, Fabriksvägen 3, SE-446 37 Älvängen, Sweden

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 6 mm high. The packaging shall also be appropriately marked with the month of manufacture. The period of use permitted for the carriage of dangerous substances shall be five years from the date of manufacture of the jerricans, except where a shorter period of use is prescribed because of the nature of the substance to be carried.

(un) 3H1/Y1.1/100/YR/N/NET8302B - ID

(un)	: The United Nations symbol
3H1	: Plastics jerricans, non-removable head
Y1.1	: Packing group II and III, and maximum relative density 1.1
100	: Hydraulic test pressure in kPa
YR	: To be replaced with the last two digits of the year of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET8302B - ID	: Identification of the jerrican followed by "ID" to be replaced by the name or symbol of the manufacturer

PACKAGING DESIGN:

Method of manufacture/ Description
Blow-moulded stackable jerrican manufactured from HDPE. Design details are specified in the applicable test reports.



DIMENSIONS:

Weight of the jerrican, g	Volume, l	L*W*H, mm	Drawing
146.6 - 154.0	4.0	248/130/188	Hannells 078

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:

Closure type	Producer	Drawings	Material	Gasket	Torque
Screw cap 40 mm	Modulpac AB	40PM/8400013	HDPE / HDPE, details in report	Cone	6 Nm



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:
6.1.5.2.6 Chemical compatibility
6.1.5.3 Drop test
6.1.5.4 Leakproofness test
6.1.5.5 Internal pressure test
6.1.5.6 Stacking test

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SCOPE OF APPROVAL:
The packaging is approved for liquid substances of packing groups II and III within the limitations specified in the table below. The standard liquids identified by letters A-F are those specified in ADR 6.1.6.1. Chemical compatibility has been demonstrated in accordance with ADR 6.1.5.2.6.

Substances that may be assimilated to the approved standard liquid shall be determined in accordance with ADR 4.1.1.21, including the Assimilation List in 4.1.1.21.6 and, where applicable, the rules for collective entries. The approved maximum relative density shall not be lower than the relative density of the substance to be carried.

The packaging shall always be used in accordance with the requirements applicable to the relevant UN number, classification and packing instruction.

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 content	Max. relative density	Max. vapour pressure, kPa at +50°C
Standard liquid B: Acetic acid	1.1	114

DOCUMENTS FORMING THE BASIS FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET8302B	23.11.16	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.
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.

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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 **19.11.2026** CERTIFICATE IS VALID UNTIL: **30.09.2031**

Anita Gusfre Thoner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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