TYPE APPROVAL OF PACKAGING FOR TRANSPORT OF DANGEROUS GOODS CERTIFICATE NO.: NET3705A

CERTIFICATE HOLDER:

AB Kulleborn & Stenström

MANUFACTURING SITE: AB Kulleborn & Stenström, Hjärtared 117, 311 62 Ullared, 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 the 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/Y1.9/155/YR/N/NET3705A - ID

(un)	: The United Nations symbol
3H1	: Plastics jerricans, non-removable head
Y1.9	: Packaging group II and III, and relative density of the substance
155	: 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
NET3705A - 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/ Min. wall thickness
Blow moulded jerrican performed in HDPE, details in report/ 0.31 mm



DIMENSIONS:

Weight of the jerrican, g	Volume, l	L*W*H, mm	Neck size, mm	Drawing
207.4 - 326.9	5.0	212.0*124.7*270.0	38	0-7112.11-17, 5l

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

MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C:

Initial boiling point in °C	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
Degree of filling in liter	5.1	5.2	5.3	5.4	5.5

CLOSURES AND FITTINGS:

#: Screw cap	Producer	Drawings	Material	Gasket	Torque, Nm
1: CR 38 mm	RPC UCP Norwich	X966.00.00, Alu	PPC/ HDPE	ALU	5
2: CR 38 mm	RPC UCP Norwich	X966.00.00, PE	PPC/ HDPE	PE	5



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
6.1.5.7 Supplementary permeability test

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SCOPE OF APPROVAL:
The packaging is approved for packing groups II and III for liquid substances covered by the standard liquids listed in the table below. The standard liquids are specified in ADR 6.1.6.1 and chemical compatibility has been verified in accordance with ADR 6.1.5.2.6. Filling substances permitted on the basis of these standard liquids shall be determined in accordance with the assimilation procedure and Table 4.1.1.21.6 of ADR, including the Rule for collective entries where applicable. The relative density of the substance to be transported shall not exceed the maximum relative density approved for the applicable standard liquid(s).

APPROVED CONTENT:

Content	Max. relative density	Max. vapour pressure, kPa at +50°C	Screw cap #
Standard liquid B: Acetic Acid	1.1	146	1
Standard liquid D: Mixture of hydrocarbons	1.0	146	2
Standard liquid E: Nitric Acid	1.4	146	1
Standard liquid F: Water	1.9	146	1

DOCUMENTS FORMING THE BASIS FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET3705A2	26.01.2024	NET	Type approval
NET3705A	20.12.2023	NET	Type approval
NET37TE01	13.09.2024	NET	Technical evaluation, weight
NET37TE02	19.10.2026	NET	Technical evaluation, suplier

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 program 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

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BREVIK, NORWAY **20.10.2026** CERTIFICATE IS VALID UNTIL: **31.01.2029**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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