

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET16103A**

HOLDER OF CERTIFICATE:
Mauser-Noreko AB

2038 kg max

MANUFACTURER: Mauser-Noreko AB, Fabriksvägen 3, SE 446 37 Älvängen, Sweden



MARKING ON PACKAGING:

Each IBC intended for use according to ADR shall bear durable, legible and readily visible markings. Letters, numerals and symbols shall be at least 12 mm high. The IBC shall also be marked according to ADR 6.5.2.2, including the maximum permitted stacking load according to ADR 6.5.2.2.2.1.

For this remanufactured IBC, the inner receptacle shall be marked:

31HA1/Y/MMYY/D/BAM 14817-M9

According to ADR 6.5.2.1.1 b)-f), the UN packaging symbol shall not be applied.

The permitted period of use for carriage of dangerous goods is five years from the date of manufacture of the inner receptacle, unless a shorter period is required due to the nature of the substance.

UN 31HA1/Y/MMYY/N/NET16103A-ID/3670/1717

- UN** : The United Nations symbol
- 31HA1 : Composite IBCs with a rigid plastics inner receptacle, for liquids
- Y : Packaging group II and III
- MMYY : To be replaced with the month and year (last two digits) of manufacture
- N : Norway, the state authorizing the allocation of the mark
- NET16103A - ID : Identification of the IBC followed by "ID" to be replaced by the name or symbol of the manufacturer
- 3670 : The stacking load in kg
- 1717 : The maximum permissible gross mass in kg

PRODUCT:

Method of manufacture/ Description

A remanufactured IBC with HDPE inner receptacle by MAUSER Benelux B.V., other parts according to BAM 14817. The IBC has a threaded top opening for filling, and a bottom valve for easy draining.



DIMENSIONS:

IBC	Tara weight/ inner receptacle, kg	Volume, l	L*W*H, mm
EP6 UN, EP7 UN / EP7F UN, EP10S UN, EP15 UN	16.5	1055	1200*1000*H, H=1166 or 1159 or 1158 or 1174

CLOSING MECHANISM:

Drawing	Date	Description	Torque, Nm/ gasket
A - 4508.2	08.12.2022	Assembly screw cap DN150 closed tool 3 +4 Cremonesi	70-80
A - 4291.3	15.10.2020	Assembly DN 150 (CCS 160x7) closed	70-80
A - 4717.4	24.08.2007	Assembly screw cap DN150 bung BCS70x6 incl. "Optivent"	70-80
A - 4770.1	11.01.2011	Assembly screw cap DN50 bung 56x4 incl. all possible de-/gassing membranes	EPDM/FKM 15-20, PE-LD 25-30
A - 4776.2	05.07.2011	Assembly screw cap DN150 bung 70x6 incl. all possible de-/gassing membranes	70-80
A - 4781.1	18.04.2007	Assembly screw cap DN150 (CCS160x7) bung 70x6 incl. pressure relief D17	70-80
A - 5117	19.01.2011	Assembly screw cap DN50 bung 56x4 incl. all possible de-/gassing membranes	EPDM/FKM 15-20, PE-LD 25-30
A - 5769.1	22.05.2018	Assembly screw cap DN 150 (closed)	70-80
A - 4783.4	29.05.2024	Assembly screw cap DN150 - bung BCS 56x4 all de-/gassing vents	70-80
TSF-420007 Rev. 6	13.11.2012	CDS 1 Extractor	-
A - 4436.3	26.04.2022	2" butterfly valve DN50 - CCS 60 x 6	EPDM/FKM 25-30, PE foamed 20-25
A - 4438.3	14.03.2008	Cylindrical valve DN 50 (CCS 60x6)	EPDM/FKM 25-30, PE foamed 20-25
A - 4647.1	03.03.2008	Butterfly valve DN50 (2" Camlock NPT)	-
A - 4654.2	04.05.2015	Butterfly valve DN 80 (CCS 100x8)	-

COMPONENTS/ACCESSORIES:

Drawing	Date	Description
Q - 5581.2	09.02.2022	NCG EP6 - UN Y1.6
V - 5579	08.06.2015	NCG® EP7 UN Y1.6
S - 5578.1	24.01.2022	NCG EP7F - UN Y1.6
S - 5580.2	19.01.2022	NCG EP10S - UN Y1.6
Q - 6582	12.01.2024	Assembly NCG EP15 - UN
Q - 4366.23	09.03.2023	Inner receptacle SM Standard
A - 4689.3	12.01.2022	Cage EP "Schütz" with rivets
A - 4688.2	11.01.2022	Top bar EP
A - 4684.3	08.02.2022	Steel pallet EP7S (skid)
A - 4683.3	17.01.2022	Steel pallet EP7F (frame)
A - 4685.2	17.01.2022	Steel-plastic pallet EP10S (skid)
A - 4931.2	09.02.2022	Wood-steel pallet EP6
A - 6536	06.07.2023	Voll-Kunststoffpalette IBC Schütz
A - 6070.2	13.07.2020	label plate Schuetz Reco UN front/back large 360 x 660

LEGISLATION:

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.

REGULATORY BASIS 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:

The following tests have been performed and approved according to ADR:

6.5.6.4 Bottom lift test

6.5.6.6 Stacking test

6.5.6.7 Leakproofness test

6.5.6.8 Internal pressure test

6.5.6.9 Drop test

6.5.6.13 Vibration test

APPROVAL IS VALID FOR:

Transport of liquids in this IBC is allowed as long as a conventional pressure relief device is mounted. The start-to-discharge pressure shall not be higher than 65 kPa and not lower than the total gauge pressure experienced in the IBC. The IBC shall always be used according to the requirement of the applicable UN code and its packaging instruction.

The packaging is valid for packaging group II and III containing liquid substances covered by the liquids listed in the table below. The liquids marked A-F refer to the standard liquids listed in ADR 6.1.6.1 and verified for this IBC by chemical compatibility testing according to ADR 6.1.5.2.6.

The dangerous substances permitted for transport in this packaging after chemical compatibility with these liquids, are listed in the "Assimilation list" table 4.1.1.21.6 in ADR.

The packaging shall always be used according to the requirements of the applicable UN code and its packaging instructions.

The use of this IBC is subject to periodic inspection in accordance with ADR 6.5.4.4 at intervals not exceeding 30 months.

The 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.

Content	Max. relative density	Max. vapour pressure, kPa at +50°C
Standard liquid A: Wetting Solution	1.5	114
Standard liquid B: Acetic Acid	1.5	114
Standard liquid C: n-Butyl acetate	1.5	114
Standard liquid D: Mixture of hydrocarbons	1.5	114
Standard liquid E: Nitric Acid	1.5	114
Standard liquid F: Water	1.6	114

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET16103AZ	05.03.26	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 remanufactured, reconditioned and tested under a quality assurance programme meeting ADR requirements and guidelines in NS-EN ISO 16106:2020.

BREVIK, NORWAY

14.04.2026 CERTIFICATE IS VALID UNTIL:

30.04.2031



Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

