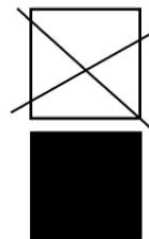


TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET6905A

HOLDER OF CERTIFICATE:

MPP Sverige AB
MANUFACTURER:

Zumm s.r.o., Boržická 494, 687 62 Dolní Němčí, Czech republic, , Produsent for MPP


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. The IBC shall also be appropriately marked in accordance with ADR 6.5.2.2 Additional marking, and shall be marked with maximum permitted stacking load according to ADR 6.5.2.2.2.1 (as shown in figure to right).

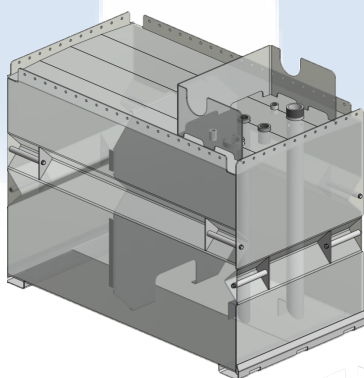
u **31B/Y/MMYY/N/NET6905A - ID/0/540.4**

<u>u</u>	: The United Nations symbol
31B	: Aluminium IBCs for liquids
Y	: Packaging group II and III
MMYY	: To be replaced with the month and year (last two digits) of manufacturer
N	: Norway, the state authorizing the allocation of the mark
NET6905A - ID	: Identification of the IBC followed by "ID" to be replaced by the name or symbol of the manufacturer
0	: The stacking test load in kg
540.4	: The maximum permissible gross mass in kg

PRODUCT:

Method of manufacture/ Description

Welded Pickup tank UK, in Aluminium


DIMENSIONS:

Capacity, l	External dimensions: L*W*H, mm	Head / Body / Bottom, mm	Drawing
479	1120*615*975	4.0 / 4.0 / 4.0	AL-UK-475

MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C, SHALL BE:

Initial boiling point in °C	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
Degree of filling in liter	431.1	440.6	450.2	459.8	469.4

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Ballvalve 1/2 PN-25	Genebre S.A.	303604	Brass	PTFE tape or similar	-
2: Ballvalve, 1, PN-25	Genebre S.A.	303606	Brass	PTFE tape or similar	-
3: Filling Spout with cap for padlock	Ezze	-	Brass	PTFE tape or similar	10 Nm on cap

ACCESSORIES:

Type	Description/ Drawing	Producer / Description
Vented bung 1"	197-B3 1" CE Ex	Ridart S.r.l.
Liquid level gauge, 1 1/2"	Top mounting	Rochester Int.
Liquid level probe, 1 1/2"	VEGAFLEX 81	VEGA

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 - 2023/4375 PRAX.

NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.

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.

TESTS CARRIED OUT:

Prototype tests performed and approved according to the above regulations:

6.5.6.4 Bottom lift test

6.5.6.5 Top lift test: WLL 135.1 kg, all 4 padeyes shall be used when lifting the IBC

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:

The IBC shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

According to ADR 6.5.5.1.4 an Aluminium IBC intended for the carriage of FLAMMABLE liquids shall have NO movable parts, such as covers, closures, hatch lift cylinder etc., made of unprotected steel liable to rust, which might cause a dangerous reaction by coming into frictional or percussive contact with the aluminium.

Content	Max. relative density	KG, Max. gross mass / Tare weight, kg	Pressure test, kPa
Liquid	1.0	540.4 / 61.4	200

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET6905A	02.05.2018	NET	Type approval
NO.150100	17.03.2015	TüV	Vibration test

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

14.03.2025 CERTIFICATE IS VALID UNTIL:

31.03.2025



Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification