TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET6903A

HOLDER OF CERTIFICATE:

MPP Sverige AB

4500 kg max

MANUFACTURER: MPP Sverige AB, Fjärås Industriväg 17, 43974 Fjärås

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).

(un) 31A/Y/MMYY/N/NET6903A - ID/8100/KG

(un)	: The United Nations symbol
31A	: Steel IBCs 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
NET6903A - ID	: Identification of the IBC followed by "ID" to be replaced by the name or symbol of the manufacturer
8100	: The stacking test load in kg
KG	: The maximum permissible gross mass in kg, see content table

PRODUCT:

Description/ Method of manufacture
Fuel Tank Extreme: Welded Steel IBC, robust design with reinforced outer tank and crossbeams for protection and handling; 5 mm inner tank for high impact and vibration resistance; ergonomic lid and fittings.

DIMENSIONS:

# : Capacity, l	External dimensions: L*W*H, mm	Drawing
1: 2954	2326*1597*13306	MPP-TT300-0001
2: 2029	2207*1124*1184	MPP-TT200-0001
3: 996	1298*1320*1326	MPP-TT100-0001
4: 2714 + 200	2300*1560*1330	MPP-TT275CB-0035

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Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

5: 1864 + 140	2300*1160*1320	MPP-TT175CB-0035
6: 831 + 140	1300*1166*1325	MPP-TT100CB-0035

CLOSING MECHANISM:

Closure type	Producer	Drawings	Material	Gasket
Cover with two hinges	MPP Sverige AB	C3-05 Cover	S235JRG2	-
Bung ¼"	EZZE	C3-02 Inner tank	Zink	PE tread tape
Bung 2"	EZZE	C3-02 Inner tank	Zink	PE tread tape
Cover flange, 100 mm	MPP Sverige AB	C3-02 Inner tank	S235JRG2	Rubber
Manhole cover, 150 mm	MPP Sverige AB	C3-02 Inner tank	S235JRG2	Rubber

ACCESSORIES:

Type	Description / Drawing	Producer
Overfilling prevention device	Fill-o-Tron G7 & GOJ	Afriso Ema AB
Gas nozzle with armed tube	Aluminum w/brass connector	PIUSI, Italy
Pump	12/24V DC pump for diesel fuel	PIUSI, Italy
Spiral gauge	Top mounting / 8660-2	Rochester Int.
Ventilation valve, 2"	TSVV/Z8G	Mintor S.r.l.
Ventilation valve, 2"	Series 1656-2008xx	Gifts Manufacturing
½" suction pipe, 90° with fitted ballvale	Steel	-
1" suction pipe, 90° with fitted ballvale	Steel	-
¾" suction pipe, 90° with fitted ballvale	Steel	-
¼" socket with "Rollover vent"	Aluminium	-
2" Fillcoupling	Braze	EZZE
2" Vent with ballvalve	Steel	Hydroscand
Top lift corner	MPP-TT100-0103	MPP
Top lift corner	MPP-TT100EXT-0103	MPP
Top lift corner	MPP-TT100EXT-0107	MPP

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.

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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 4311 kg, all 4 padeyes shall be used when lifting the IBC
6.5.6.6 Stacking test
6.5.6.7 Leakprooness 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.

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.

# / Content	Max. relative density	Degree of filling 94%	Degree of filling 95%	KG, Max. gross mass / Tare weight, kg	Pressure test, kPa
1: Liquids	1.0	2776	2806	4311 / 1340	200
2: Liquids	1.0	1907	1927	3218 / 1190	200
3: Liquids	1.0	936	946	1799 / 750	200
4: Liquids + Adblue	1.0	2551 + Adblue	2578 + Adblue	4179 / 1323	200
5: Liquids + Adblue	1.0	1752 + Adblue	1770 + Adblue	3054 / 1090	200
6: Liquids + Adblue	1.0	781 + Adblue	789 + Adblue	1659 / 707	200

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DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET6903A	02.12.2016	NET	Type approval
VTT-S-05267-16	20.12.2016	VTT	Vibration testing
NET69TE01	18.05.2017	NET	Technical evaluation, 1907 l
NET69TE02	14.11.2017	NET	Technical evaluation, 936 l
NET69TE04	26.09.2019	NET	Technical evaluation, top lift corner
NET69TE06	12.05.2020	NET	Technical evaluation, Adblue

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 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 and NS-EN ISO 13274:2013.

NORSK AKKREDITERING TEST 259

BREVIK, NORWAY **18.05.2020** CERTIFICATE IS VALID UNTIL: **31.05.2030**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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