TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET6904A

HOLDER OF CERTIFICATE:

MPP Sverige AB

4080 kg max

RESPONSIBLE DISTRIBUTOR: MPP Sverige AB, Fjärås Industriväg 17, 43974 Fjärås, Sweden

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.

u n

31A/Y/MMYY
N/NET6904A - ID
7345/KG

u n	: 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
NET6904A - ID	: Identification of the IBC followed by "ID" to be replaced by the name or symbol of the manufacturer
7345	: The stacking test load in kg
KG	: The maximum permissible gross mass in kg, see content table

PRODUCT:

Description/ Method of manufacture/ Material
Welded fuel tank Combi Blue, in S235 steel, is a compact and safe tank that is combined with a 165 or 212 litres Adblue tank in stainless steel

DIMENSIONS:

Capacity, l	L*W*H, mm	Top / Body / Bottom, mm	Drawing
1: 3004	2334 * 1611 * 1319	4.0 / 3.0 / 3.0	MPP-TTC300-0000
2: 2126	2334 * 1211 * 1319	4.0 / 3.0 / 3.0	MPP-TTC200-0000
3: 863	1209 * 1211 * 1319	4.0 / 3.0 / 3.0	MPP-TTC085-0000

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VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

4: 2880 + 212 AdBlue	2330*1611*1319	4.0 / 3.0 / 3.0	MPP-TTC300_3 AdB
5: 2126 + 165 AdBlue	2330*1211*1319	4.0 / 3.0 / 3.0	MPP-TTC200_3 AdB

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

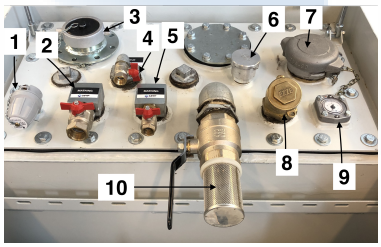
Boiling point of the substance	< 60 °C	> 59 < 100 °C	> 99 < 200 °C	> 199 < 300 °C	> 299 °C
Degree of filling	2615 litre	2673 litre	2731 litre	2789 litre	2847 litre
Degree of filling	1913 litre	1955 litre	1998 litre	2040 litre	2083 litre
Degree of filling	776 litre	793 litre	811 litre	828 litre	845 litre
Degree of filling	2592 + Adblue	2649 + Adblue	2707 + Adblue	2764 + Adblue	2822 + Adblue
Degree of filling	1913 + Adblue	1955 + Adblue	1998 + Adblue	2040 + Adblue	2083 + Adblue

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket
Cover with two hinges	MPP Sverige AB	C3-05 Cover	S235JRG2	-
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

MANHOLE ASSEMBLY:

Type	Drawing/ Description	Producer
Port plate #1	MPP-TCC100-065B / plate with 10 different sockets	MPP AB
Port plate #2	MPP-TCC100-065 / plate with 8 different sockets	MPP AB



LEGISLATION:

The certificate 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. To ensure validation of the certificate, check the NET website.

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 - 06/6950-7/BJRU.

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

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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 4462 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

NTI012 - «DIBT test» - drop test followed by a pressure test, designed at the customer's request

APPROVAL IS VALID FOR:
The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

Content	Max. relative density	KG, Max. gross mass / Tare weight, kg	Pressure test, kPa
1: Liquids	1.0	4021 / 1077	200
2: Liquids	1.0	3030 / 947	200
3: Liquids	1.0	1464 / 618	200
4: Liquids + AdBlue	1.0	4462 / 1370	200
5: Liquids + AdBlue	1.0	3426 / 1117	200

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET6904A	17.04.2020	NET	Type approval
NET6904A2	21.08.2020	NET	Additional type test
NET69TE08	15.10.2020	NET	Technical evaluation, 2126 l
NET69TE09	03.11.2020	NET	Technical evaluation, 863 l
NET6904A4	16.09.2021	NET	Additional test, top plate
NET6904C	07.12.2021	NET	Type approval
NET6904C2	22.12.2021	NET	Additional type test, top lift
NET6904A5	05.12.2024	NET	NTI012

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

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ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

TEST STANDARD:
All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with ISO17025 approved by Norsk Akkreditering and based upon ISO16495.

NORSK AKKREDITERING TEST 259

BREVIK, NORWAY **24.04.2025** CERTIFICATE IS VALID UNTIL: **31.12.2026**

Geir Morten Johansen
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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