

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET6909A**

HOLDER OF CERTIFICATE:
MPP Sverige AB

4378 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.



**31A/Y/MMYY
N/NET6909A - ID
7881/4378**

-  : 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
- NET6909A - ID : Identification of the IBC followed by "ID" to be replaced by the name or symbol of the manufacturer
- 7881 : The stacking test load in kg
- 4378 : The maximum permissible gross mass in kg

PRODUCT:

Description
Welded fuel tank of steel for transport with Manhole cover and three doors in front for different equipment and accessories



DIMENSIONS:

Capacity, l	L*W*H, mm	Top / Body / Bottom, mm	Drawing
1: 2826	2292*1477*1610	3.0 / 3.0 / 3.0	TTD300-001
2: 985	1207*1477*1610	3.0 / 3.0 / 3.0	TTD100-001

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
3000	2543 litre	2599 litre	2656 litre	2712 litre	2769 litre
1000	886	906	925	945	956

CLOSING MECHANISM:

Closure type	Producer	Drawings	Material
Cover with two hinges	MPP Sverige AB	MPP-TTD100-0001, MPP-TTD300-0001	S235JRG2
Three doors in front	MPP Sverige AB	MPP-TTD100-0021, MPP-TTD300-0021	S235JRG2

MANHOLE ASSEMBLY:

Type	Drawing/ Description	Producer
Port plate #1	MPP-TTD100-0067 / plate with 12 different sockets	MPP AB
Filling spout	MPP-TTD100-0060 / filling spout	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 - 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 1095 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 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	4378 / 1552	200
2: Liquids	1.0	2114 / 1129	200

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET6909A	05.07.2023	NET	Type approval
NET6909A2	06.07.2023	NET	Additional type 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 ISO 16106.

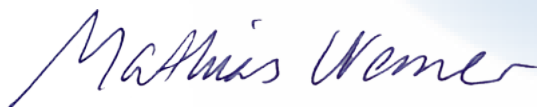
TEST STANDARD:

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.



BREVIK, NORWAY

12.10.2023 CERTIFICATE IS VALID UNTIL:

31.07.2028


 Mathias Werner
 Certification Officer



 Rune Madsen Fink
 Control Officer

Nordisk Emballasje Testing Certification