

**TYPE APPROVAL OF PACKAGING FOR  
TRANSPORTATION OF DANGEROUS GOODS  
CERTIFICATE NO.: NET6916A**

HOLDER OF CERTIFICATE:  
**MPP Sverige AB**


**4080 kg max**


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



**MARKING ON PACKAGING:**

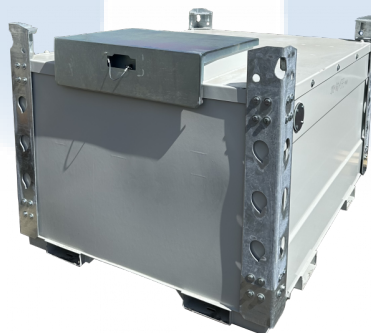
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high. The IBC shall also be appropriately marked in accordance with ADR 6.5.2.2 Additional marking.

 **31A/Y/MMYY  
N/NET6916A - ID  
7345/3916**

-  : 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
- NET6916A - 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
- 3916 : The maximum permissible gross mass in kg

**PRODUCT:**

|   |
|---|
| Description                                     |
| Compact fuel tank for transport, short version. |



**DIMENSIONS:**

| Capacity, l | L*W*H, mm          | Top / Body / Bottom, mm | Drawing            |
|-------------|--------------------|-------------------------|--------------------|
| 1: 2870     | 2122 * 1635 * 1327 | 4.0 / 3.0 / 3.0         | MPP-TTC300-0000_SH |

**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              | 2583 litre | 2640 litre    | 2697 litre    | 2755 litre     | 2812 litre |

**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 - 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 1020 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                   | 3916 / 1046                           | 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 |
| NET6916A   | 13.06.2023 | NET       | Selectiv type test, short      |

**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

20.06.2023 CERTIFICATE IS VALID UNTIL:

30.06.2028



Mathias Werner  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing Certification*