TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET6907C

HOLDER OF CERTIFICATE:
MPP Sverige AB

4080 kg max



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

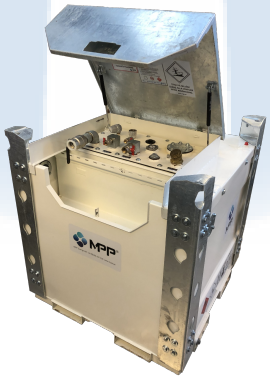
MARKING ON PACKAGING:
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high. The IBC shall also be appropriately marked in accordance with ADR 6.5.2.2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

(un) 31A/Y/MMYY/N/NET6907C - ID/7345/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
NET6907C - 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
Transport Tank Compact with "Nose shaped" inner tank	Welded



DIMENSIONS:

#: Capacity, l	L*W*H, mm	Head / Body / Bottom, mm	Drawings
1: 1055	1209*1217*1319	4 / 3 / 3	MPP-TTC100-0000, MPP-TT100CPT_2-0009
2: 998	1209*1217*1319	4 / 3 / 3	MPP-TTC100-0000, MPP-TTC100-0009

NET Emballasje- og Produkttesting AS
Blekebakkvegen 45
N-3950 Brevik
Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com
VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

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

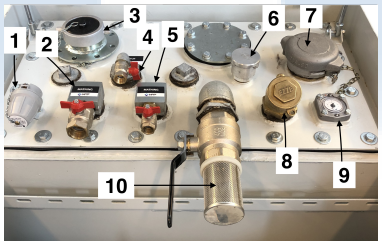
Initial boiling point in °C	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
1: Degree of filling in liter	949	970	991	1012	1033
2: Degree of filling in liter	898	918	938	958	978

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

ACCESSORIES:

Type	Description	Producer
Overfilling prevention device	1	Mano Term
Feedcoupling 1"	2	MPP, Itap
Flange with 3 " cap	3	MPP, Suyash Global (cap)
Return 1/2 "	4	MPP, Itap
Feedcoupling 1/2 "	5	MPP, Itap
Pressure vacuum vent	6	Ridart
Vent 3 "	7	Ridart
Feedcoupling 2 "	8	Ezze
Volumegauge	9	Rochester
Ballvalve for venting with strainer	10	Hydroscand , Genebre (Strainer)



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 416 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.

Content	Max. relative density	KG, Max. gross mass / Tare weight, kg	Pressure test, kPa
1: Liquids	1.0	1665 / 631	200
2: Liquids	1.0	1586 / 608	200

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET6904A	17.04.2020	NET	Type test top and bottom lift
NET6907A	04.06.2020	NET	Type approval
NET6907C	14.11.2022	NET	Type Approval
NET69TE14	28.05.2024	NET	Technical evaluation, #2

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.

NORSK AKKREDITERING TEST 259

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BREVIK, NORWAY **31.05.2024** CERTIFICATE IS VALID UNTIL: **31.05.2029**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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