

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET6901A

HOLDER OF CERTIFICATE:

MPP Sverige AB
MANUFACTURER:

MPP Sverige AB, Fjärås Industriväg 17, 43974 Fjärås

MARKING ON PACKAGING:

"MMYY" to be replaced with the month and year (last two digits) of manufacture.

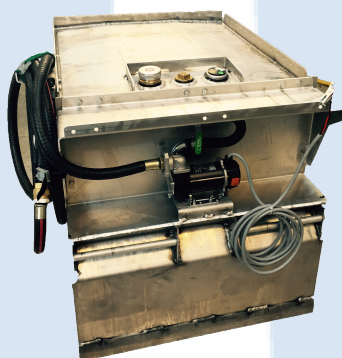
"ID" to be replaced by any identification as decided by the manufacturer.

"KG" to be replaced by max. gross weight on page two.

Additionally, each IBC shall also be marked according to 6.5.2.2.1 ADR/RID.

u **31B/Y/MMYY/N/NET6901A - ID/0/KG**
PRODUCT:

Packaging code	Description	Material
31B, Aluminium IBCs for liquids	Pickup Tank Aluminium	Aluminum


DIMENSIONS:

#: Capacity, l	Length, mm	Width, mm	Height, mm	Drawings
1: 155	1030	288	752	MPP-PTA150-0000
2: 265	1030	458	752	MPP-PTA250-0000
3: 369	1030	620	752	MPP350-UK_v01 GA
4: 402	1030	670	752	MPP400-UK_v01 GA
5: 430	1030	730	752	MPP-PTA400-0000
6: 153	1030	323	652	MPP-PTA150-L
7: 194	1030	730	385	MPP-PTA185-FL
8: 215	1030	730	415	MPP-PTA200-FL
9: 263	1030	533	652	MPP-PTA250-L
10: 374	1030	730	652	MPP-PTA360-L

CLOSING MECHANISM:

Closure type	Producer	Drawings	Material	Gasket	Torque
Screw cap 2"	Mintor S.r.l.	TFE/Z3G	Aluminum	Black rubber	3 Nm
Bung, 1 1/2"	EZZE	1-123-8/2	Brass	PE tread tape	-
Bung, 2"	EZZE	1-123-9/1	Brass	PE tread tape	-
Screw cap, 2"	EZZE	1-350-8/1	Brass	Rubber	3 Nm

ACCESSORIES:

Type	Description / Drawing	Producer or Pressure numbers
Pump	12/24V DC pump for diesel fuel	Details in report
Gas nozzle with armed tube	performed in aluminum with brass connection	Details in report
Ballvalve, 3/4"	Brass	PN25
Vented bung, 2"	TSVV/Z8G	Details in report
Vented bung, 2" or 1"	197-B3 1" CE Ex	Details in report
Liquid level gauge, 1 1/2"	Top mounting	Details in report
Pipe connection male, 2"	Brass	Details in report
Ballvalve, 1"	Aluminum	PN25

LEGISLATION:

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.

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:
APPROVAL IS VALID FOR:

The IBC is valid for packaging group II and III containing liquid that do not adversely affect the packaging materials. The IBC shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

The following test are performed and approved: Top- and bottom lift test, drop-, leakness-, internal pressure- and vibration test.

#: Content	Max. relative density	Degree of filling 94%	Degree of filling 95%	KG, max gross mass / Tare weight	Pressure test, kPa
1: Liquid	1.0	141	142	197 / 42.5	200
2: Liquid	1.0	249	251	315 / 52.5	200
3: Liquid	1.0	346	350	410 / 48.0	200
4: Liquid	1.0	377	381	444 / 50.0	200
5: Liquid	1.0	404	408	480 / 66.8	200
6: Liquid	1.0	144	145	191 / 41.0	200
7: Liquid	1.0	183	185	238 / 47.5	200
8: Liquid	1.0	202	205	260 / 48.7	200
9: Liquid	1.0	247	250	309 / 50.8	200
10: Liquid	1.0	351	355	426 / 59.8	200

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET6901A	06.02.2015	NET	Type approval
No.150100	17.03.2015	TÜV	Vibration test
NET6901A2	14.04.2015	NET	Type approval
NET6901A3	29.06.2015	NET	Type approval
NET69TE03	14.11.2017	NET	Technical evaluation
NET69TE05	30.09.2019	NET	Technical evaluation, Add.spouts
NET69TE07	14.05.2020	NET	Technical evaluation

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.



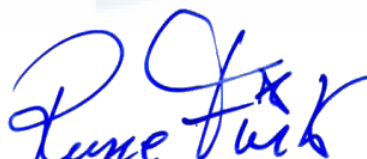
PORSGRUNN, NORGE

26.03.2020 CERTIFICATE IS VALID UNTIL:

31.03.2025



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification