



DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. P-13566

This is to certify that the
Hydrophore Tank

with type designation(s)

60 ltr. 5070-2, 100 ltr. 6545-2, 150 ltr. 4966-2, 200 ltr. 4967-2, 300 ltr. 4968-2, 500 ltr. 4969-2, 2000 ltr. 7852-2., 750 ltr. 4970-2, 1000 ltr. 4871-2, 1500 ltr. 4972-2, 2000 ltr. 4973-2, 3000 ltr. 4974-2, 2000 ltr. 7852-2.

Manufactured by

Torgy Vessel Solutions AS
TØNSBERG, Norway

is found to comply with
Det Norske Veritas' Rules for Classification of Ships

Application

Medium: fresh water.

Max. operating temperature: 50°C.

Type:	Design pressure:	Sizes:
60 ltr. 5070-2, 100 ltr. 6545-2, 150 ltr. 4966-2, 200 ltr. 4967-2, 300 ltr. 4968-2, 500 ltr. 4969-2, 2000 ltr. 7852-2.	10 bar	60, 100, 150, 200, 300, 500 and 2000 ltr.
750 ltr. 4970-2, 1000 ltr. 4871-2, 1500 ltr. 4972-2, 2000 ltr. 4973-2, 3000 ltr. 4974-2, 2000 ltr. 7852-2.	750 - 1000 ltr.: 7 bar, 1500 - 3000 ltr.: 6 bar	750, 1000, 1500, 2000 and 3000 ltr.

Høvik, 2010-07-15
for Det Norske Veritas AS



This Certificate is valid until
2014-06-30


for Marianne Spæren
Head of Section

DNV local office:
Sandefjord


Øyvind Skåra
Surveyor

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Certificate No.: P-13566
File No.: 742.30
Job Id.: 262.1-010236-1

Product description

Tanks for fresh water

Volume	Max. working pressure
60 - 500 ltr.	10 bar
750 and 1000 ltr.	7 bar
1500 - 3000 ltr.	6 bar
2000 ltr.	10 bar

Max. operating temperature: 50°C.

Application/Limitation

The tanks are to be certified by DNV, and be delivered with a product certificate.

Type Approval documentation

Reference documents:

Drawings:

4966-2, rev. 6	4971-2, rev. 6	10048-2, rev. 1
4967-2, rev. 7	4972-2, rev. 5	4980-2
4968-2, rev. 7	4973-2, rev. 5	5070-2, rev. 7
4969-2, rev. 7	4974-2, rev. 5	6545-2, rev. 15
4970-2, rev. 6	7852-2, rev. 3	10589-3, rev. 2

DNV retention survey report dated 2010-06-29

Marking of product

For traceability to this Type Approval the product are to be marked with:

- Manufacturer's name or trade mark.
- Type designation and dimension.
- Nom. pressure.

Certificate Retention Survey

For retention of the Type Approval, a DNV Surveyor shall perform a survey - every second year and before the expiry date of this certificate - to verify that the conditions for the type approval are complied with.