North Eastern Composites Ltd

# Certificate of Conformity
# Pump Chamber

This is to certify that all tanks. Manufactured by N.E.C Ltd are designed and manufactured in accordance with the principles laid out below.

## SHELL STRENGTH

All standard pump chambers shells are designed to buried in concrete at max depth of 6000mm.
These shells have been engineered generally within the parameter & principles of BS4994.

All Pump Chambers with a greater depth of 6000mm will be designed to a higher specification.
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## MATERIALS

High quality (GRP) glass reinforced plastic incorporating Lloyds approved resin systems and BS3496-1999 and ISO2599-1980-GLASS.
**The resin system used for chemical applications is vinylester/ipsothalic resin system to add a chemical resistance to the tank shell**

North Eastern Composites Ltd have had the following 3rd party testing carried out on our GRP material used in the manufacture of the tanks shells –

***Tensile strength at maximum force – certificate No143534(QT31453/2/JB) REF. 3***

***Lap shear in accordance with BS EN 4994: 1997 – certificate No 143534(QT31453/2/JB) REF. 2***

## MANUFACTURE

Strict quality control utilizing in excess of 25 years' experience. All products generally to BS4994 and BS6297 parameters. All Pump chamber tanks are manufactured generally within the parameter & principles of BS 4994. Under a strict quality control system with checks at all stages of construction. Our chop hoop
Filament winding process produces not only circumferential strength but also strong longitudinal strength.
NEC pumping stations are manufactured and assembled in our factory the chambers are delivered to site ready to be placed in a suitable excavation and connected to the relevant drainage pipework.
A simple commissioning visit is all that is necessary for the system to be put into operation.
Pipework, valves, pedestals, pump guide rails are factory fitted, inspected and tested under Controlled conditions.
This eliminates expensive 'confined space' installation on site, which is usually carried out under adverse conditions.

# Accreditations

North Eastern Composite Ltd are Accredited to ISO9001-2008.

North Eastern Composites Ltd is an approved manufacture for Oil Separator and we are included on approved list supplied list for the Environment Agency.

North Eastern Composite Ltd are Accredited to supply GRP building products in accordance with the NHBC guidelines

# WARRANTY

UNDERGROUND GRP TANKS SINGLE WALL SHELL

North Eastern Composites Limited warrant that the GRP structure of the tank(s) including internal GRP parts and fittings supplied when installed by an approved installer in accordance with the installation guidelines NEC/CONC/95:02/03-16 using the correct backfill material for the required installation depth:-

1. Will meet our published specification and will be free from material defects and workmanship for a period of (1) year following date of original delivery by us.
2. Will not fail for a period of (30) years from date of original delivery due to external corrosion.
3. Will not fail for a period of (30) years from date of original delivery due to internal corrosion, provided that the tank(s) is / are used solely for the storage of the materials, at the designed parameters,
As stated in the quotation.
4. Will not leak / fail for a period of (30) years from the date of original delivery due to structural failure, which shall be defined as breaking or collapse, provided that the installation is in accordance with our published installation guidelines, or variations thereof with our prior written approval.

Our liability under this warranty shall be limited to, at our option:-

Repair of the defective tank(s) up to the original agreed specification.
Delivery of a replacement tank(s) to the point of original delivery.
Refund of the original purchase price.
Our liability under this warranty does not cover:-
Third Party Labor costs.
Installation costs – direct or indirect.
Indirect or consequential damages in connection with such tanks.
Where third party components / ancillary equipment has been installed / included as part of the finished tank(s) / vessel(s) then their original manufacturer's warranty applies.

THE FOREGOING CONSTITUTES OUR EXCLUSIVE OBLIGATION AND WE MAKE NO EXPRESS OR IMPLIED WARRANTIES, OR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE WHATSOEVER EXCEPT AS STATED ABOVE