

SILOTANK

PRODUCTS COMPLYING
WITH REGULATION 27, 30 & 31
FOR WATER UNDERTAKERS





DWI Products complying with Regulation 27, 30 & 31 for Water Undertakers

Substantial Experience

Since 1992 SILO TANK has been servicing the water industry with its comprehensive range of products and has always been recognised for its commitment to continuous improvement and stringent quality standards. Although SILO TANK has a long track record of manufacturing tanks and towers with WRAS approved materials, we believed that WRAS approval for raw materials was insufficient on its own for a critical public health product like potable water.

The introduction of the new Water Supply (Water Quality) Regulation further reinforced this belief that the whole processes of manufacturing, workmanship and the finished product involving consumables needed to be approved. The Drinking Water Inspectorate (DWI) achieves this through its test and inspection regime. DWI regulates public water supplies in England, Wales and Northern Ireland. It is also responsible for assessing the quality of drinking water, imposing sanctions if standards are not being met and taking appropriate action when water is deemed unfit for human consumption.

DWI also approves the processes and products to be used in the processing of raw water. It has established stringent quality control criteria which must be satisfied prior to approval being granted. Each process or product submitted for approval must undergo a rigorous procedure of testing and scrutinising and if required modifications will be recommended.

Approval Process

Following in line with the company ethos of quality and service, SILO TANK approached its material partners to develop a special formulation of thermoplastic which is fabricated into sheets, welding rods connections and pipes used in the manufacture of tanks. Working in conjunction with our partners and quality auditors we have also redesigned our in-house manufacturing processes to ensure our products meet the required quality standards.

After a sustained period of research and development we submitted our Leinster and Connaught range of tanks and towers for testing and approval in accordance with Regulation 31 of the Water Supply (Water Quality) Regulations 2001, in Wales, Regulation 27 of the Water Supply (Water Quality) Regulations 2001, in Scotland and Regulation 30 of the Water Supply (Water Quality) Regulations 2007, in Northern Ireland.

To meet the standards our products underwent a series of thorough tests over a period of two years including to BS 6920. These tests included analysis of leachates for determinates specified by the Committee on Product and Processes (CPP), measurement of total organic carbon (TOC) as well as other test procedures and toxicological studies requested by the CPP.

Our Leinster and Connaught range of products have received full product approval by the Secretary of State for the Environment, Transport and Regions to the requirements of Regulation 31 of the Water Supply (Water Quality) Regulations 1089 under the Drinking Water Inspectorate.



Regulation 31

Of the Water Supply (Water Quality) Regulations 2000¹ implements Article 10 of the Council of the European Union Drinking Water Directive (DWD) in England and Wales for all chemicals and construction products used by water undertakers, from the source of the water, up to the point of delivery to the consumer's building.

The purpose of the regulation is to prevent water supplies becoming contaminated during their treatment and supply to consumers. Water Undertakers are required to provide evidence to the Drinking Water Inspectorate (DWI) that the components and equipment comply with the criteria.



Leinster Range of Tanks and Towers



Designed within a nominal capacity range of 100 to 50,000 litres, Leinster range products are fabricated in a specially formulated, pre-heated, non-toxic, non-leaching thermoplastic which is based on a black stabilised polymer.



Connaught Range of Tanks and Towers



Designed within a nominal capacity range of 100 to 200,000 litres, Connaught range products have a thermoplastic inner shell fabricated in a specially formulated, pre-treated, non-toxic, non-leaching thermoplastic polymer. This polymer is externally reinforced with glass fibre laminate which contains low levels of organic residue conforming to BS 4994 1987.



SILOTANK

DESIGN | MANUFACTURE | INSTALLATION

CHEMICAL STORAGE / PROCESS TANKS & VESSELS, GRP COVERS, GRP LADDERS, PLATFORMS & WALKWAYS, GRP PIPE & DUCTWORK, TURNKEY ODOUR CONTROL & CHEMICAL SCRUBBING SYSTEMS

Digestors, Silos & Tanks Ltd, T/A **SILOTANK**, Pembroke Loop Road, Springbank Industrial Estate, Dunmurry, Belfast, BT17 0QL

Tel: +44 (0)28 9062 6256 Fax: +44 (0)28 9062 6224 Web: www.sibtank.com Email: sales@sibtank.com

