

Water storage: Always be prepared

When ABECO looked at adapting its product range to move into the waste water, dry bulk storage and digester markets the best option was to team up with the world wide industry leader in bolted, field-weld, shop-weld and hybrid storage tanks for both dry bulk and liquid tank applications.

This was achieved through ABECO's agreement with Tank Connections (TC) to exclusively provide precision RTP (rolled, tapered panel) tanks to the African market. This agreement got off to a great start with ABECO having successfully installed eight RTP tanks and they are busy with an additional two (3 000m³ and 6 000m³) in South Africa, five water treatment tanks in Mozambique and one calamity tank in Uganda, all over the last few months.

In today's market, integrated storage systems are available that remove the problems of yesterday. ABECO are able to specialise in integrated storage systems, prescribing the right tank design tailored for their client's requirements. Together with Tank Connection they are able to remedy the storage problems of the past by prescribing the correct variables of hopper slope, outlet size, outlet configurations, materials of construction and surface finish, active flow-aid devices, passive flow-aid devices, internal and external coatings systems, applicable codes and the correct flow type required for reliable material flow.

Their proprietary coating systems, Fusion 5000 FBE™ and LIQ Fusion 7000 FBE™, exceed the competition in durability, performance and cost-effectiveness. Their reputation is built on success and they recognise their clients for that success. They are solution people who build project success.

In liquid storage, Tank Connection manufactures the number one bolted storage tank available worldwide. Tank Connection's LIQ Fusion 7000 FBE™ coating system is a stronger system than porcelain enamel (glass) and is superior to all field applied coating systems.

The facts on Tank Connection and potable water storage:

Tank Connection is the only tank supplier worldwide that designs, manufactures and installs all four types of steel storage tanks including bolted RTP, field-weld, shop-weld and hybrid tank design.

Their precision RTP (rolled, tapered panel) construction is the #1 bolted tank design selected worldwide. The best features of bolted and field-weld tank construction have been combined together in the RTP design. It remains unmatched in the industry in all category ratings.

Their proprietary LIQ Fusion FBE™ is NSF 61 certified and is unmatched in performance. LIQ Fusion 7000 FBE™ is a stronger system than porcelain enamel/glass for potable water storage.

The RTP design is the only bolted tank design that is recognised as a replacement for field-weld tank construction.

Bolted tank sizes are available in sizes 95 up to 30 284 cubic meters. RTP bolted construction is easily containerised and shipped worldwide.

TC's field construction processes are rated top in the industry. They utilise a synchronised jacking process that allows potable water tanks to be built from grade level. This process receives the highest ratings for point quality control and safety in the field.

RTP tank construction outdates API 12B construction and other FP (flat panel) designs in potable water applications. Why purchase a 'C'-rated tank when the BEST 'A'-rated water storage tanks can be installed for the same costs? API 12B (flanged panel) construction is an outdated tank product in potable water storage applications.

Tank Connection is a vertically integrated company, which promotes our global position as a competitive price leader.

With over 2 100 years of combined experience in storage applications, Tank Connection stands along as a global leader in potable water storage.

The TC advantage:

- They offer the best tank coating processes in the marketplace today
- Shop fabricated bolted and welded tanks minimise field installation requirements

- Tank installation services are available for immediate mobilisation with fully equipped self-contained shipping containers
- They can install liquid storage tanks in less than half the time required for field-weld and concrete construction
- They are the competitive price leader in storage tanks – worldwide.

Offer single source solutions to our customers:

- Complete specification development, including tank and foundation design, calculations and PE stamps provided for any location
- Prompt tank and equipment quotes
- Approval project drawings provided within a few days of order receipt
- They can integrate auxiliary equipment and foundations for a complete turnkey system
- They provide liquid storage tank solutions.

ABECO is now able to offer ground level, elevated, special and circular tanks, with ground level rectangular tanks ranging from 1 800 litres to 10 million litres. Elevated tanks stands are designed and manufactured according to customer requirements.

On special tanks the company can accommodate requirements where the client has space restrictions or obstructions. The circular tanks range, together with the Tank Connection products, are available from 8 000 litres to 30 million litres.

