

SBS Tanks

Technology focused liquid storage solutions

SBS Water Systems (SBS) has successfully serviced the mining industry with its superior, innovative and cost effective liquid storage solutions for 18 years – an accomplishment considering this industry presents unique and demanding challenges in terms of health and safety requirements and environmental conditions.

SBS attributes its success in this sector to the company's vast experience and keen understanding of the mining industry. In addition to this, the company only utilises the best international technology in the design and manufacturing of its products. The SBS Tanks product range, a Proudly South African manufactured product has evolved over time and now encompasses world class standards with a growing international footprint.

Complete turnkey solutions

SBS provides the mining industry with peace of mind and a one stop solution in the provision of liquid storage solutions starting with its sales force. The company's approach to sales and marketing is that of a highly skilled, industry-specific sales force, which ensures that clients receive the best possible results and solutions with every enquiry.

The sales team are supported by a dedicated, experienced team throughout, including a group of qualified engineers

that can assist at any stage of a project. Dedicated contract managers also ensure that every detail of a project has been attended to. The client is guaranteed a superior sales experience, comforted by the fact that SBS will attend briefings, respond to enquiries and assist throughout the process from the initial request for quotation to the final project close-out and hand-over.

Commercial expertise

SBS has a keen understanding of the commercial environment and are experts in cross-border and inter-continental contracting. The company has successfully undertaken a number of high profile mining installations on the African continent and beyond.

SBS boasts teams of highly skilled, internationally accredited installers that are trained to deal with documentary and legislative requirements. In addition to

this, clients are assured of only the highest levels Health and Safety compliance, which is a key consideration in the industry. The company is in the process of obtaining its SABS OHSAS 18001:2011 accreditation for both its manufacturing facility and installation sites.

Export and competitive transportation

SBS Tanks have been engineered with cost effective transportation in mind. The modular nature of SBS Tanks make the product highly suited to competitive road transportation and containerised shipping. Export sales make for a large portion of SBS's business. The company is highly experienced at container loading, which takes place in-house. The company has a long-standing relationship with various professional shipping service providers ensuring a smooth export experience, free of delays.

The company's products are in global demand and exported as far afield as North America, South America, the Middle East and Australasia. The company also boasts an entrenched network of international distributors.

2 x ST 31-09 tanks, storage capacity of 3.3 megalitres each. Installation at Wesizwe' Bakubung platinum mine

Rapid fabrication and safe on-site construction

SBS is a preferred liquid storage solution provider in the mining industry because it provides fast tracked results in an industry where time is of the essence. In addition to this it also boasts many installation benefits. As an example, the company's flagship ST 31-09 with a gross storage capacity of 3.3 megalitres can typically be fabricated within six weeks and installed on-site in just 17 working days.

In compliance to stringent health and safety requirements, characteristically present in the mining industry, SBS Tanks are erected at safe working heights using SBS's proprietary lifting equipment.

SBS is dedicated to consistent quality excellence and has acquired and maintains ISO 9001:2008 accreditation for design, development, manufacture, supply and installation of Zinalume panel tanks.

Superior corrosion resistance

"One of the key considerations for us in the development of our products is longevity. The industries that we serve over and above the environmental-demanding mining industry include the fixed fire protection, municipal, food and beverage and water conservation industries. We use superior input materials and technology in the manufacturing of our storage solutions which guarantees our clients a superior maintenance-free service life," says Martin Barnard, sales and marketing manager at SBS.

Corrosion resistance is and remains a core focus for all of the company's product developments. All SBS Tanks are manufactured only using original patented Bluescope Zinalume steel. This new generation coating technology, pioneered by Bluescope Steel in 1976, uses a molten alloy comprising 55% aluminium, 43.5% zinc and 1.5% silicon. It is applied in a continuous hot dipped process, rendering the steel highly resistant to corrosion.

SBS Tanks are custom made to order based on specific applications and their unique requirements. All fittings, nozzles and accessories are manufactured in the company's 5 000 m² in-house manufacturing facility based in Durban, South Africa. Fittings are available in mild steel and stainless steel, depending on liquid being stored. All mild steel fittings and accessories are hot dip galvanized post fabrication to SANS 121:2011 ISO1461:2009 standard, "ensuring a maintenance-free service life," Barnard reiterates.

If aesthetics are a consideration and/or extra corrosion protection is required, SBS

Tanks are customisable and can be powder coated in a range of colours using a polyester based powder coating designed for an exterior environment.

Developed for the harsh African climate

SBS Tanks are lined with an internal lining which retains the content and prevents it from coming into contact with the tank walls. SBS has two liner material options on offer, depending on the application of the product. Both liners consist of a high tenacity polyester yarn which is coated on both sides with PVC, and renders the lining highly UV stabilised, even in open topped reservoir installations.

The liners – 720 g and 1 000 g – are both suited for use in contact with potable water and are AS/NZS4020-2005 approved (testing of products for use in contact with drinking water).

SBS Tanks have an estimated service life of 60+ plus years under normal climatic and operational conditions and carry a 12-month workmanship and materials guarantee. Products also have a ten-year conditional non-leak warranty.

Ethical and environmentally sound business principals

SBS is renowned for its professional business practices based on sound business principals, customer focus and on-going research and development.

Client training also ranks highly on the sales and marketing agenda with frequent client training sessions, technical presentations and demonstration tank builds. The company also exhibits at major trade shows and conventions,

such as the prestigious upcoming Electra Mining Exhibition which will take place at NASREC from 12 - 16 September 2016.

The company is an environmentally responsible employer that values its planet's limited resources and the quality of life for future generations. It employs several in-house recycling initiatives to reduce its carbon footprint and in addition to this runs concurrent educational programmes for staff in an effort to change behaviours and encourage an environmentally responsible state of being. SBS Water Systems also runs an inclusive corporate social responsibility programme that has aided many communities throughout South Africa, in particular with the current drought situation.

18 years of exceeding expectations

SBS pioneered the use of bolted metal storage solutions in Southern Africa 18 years ago and from humble beginnings has blossomed into a world-class leader in the mining sector through its persistent dedication to service excellence.

MD, Delayne Gray concludes: "We at SBS are particularly proud of our achievements within the mining industry, where we have enjoyed continued support due to the way we conduct business. We are solutions and quality driven, which has been key in our success in servicing this sector. We look forward to the evolution of the business and exceeding service and quality expectations for many more years to come." **MRA**

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