

## PROCESS TANK

### SALT REFINERY

### TAURANGA, BAY OF PLENTY

March 2017 - Kliptank was engaged to install a new buffer tank for a waste stream from the Pure Dried Vacuum Salt refining process.

#### THE SPECIFICATIONS OF THIS TANK ARE:

- ◆ 21,000 Litres of usable capacity
- ◆ 1.5 m high
- ◆ 4.6 m diameter
- ◆ 316 Stainless Steel for all metalwork
- ◆ Klipjet mixing system

The existing bolted steel tank had become unusable from rust. In order to prevent the same thing from happening again, the plant engineers wanted a new tank made from materials that would last for years in the high salt environment.

Kliptank worked closely with the engineers to design a tank made entirely from inert plastics and 316 Stainless Steel that would have a 25-year design life.

Because the tank was so small and the refinery was close to the Kliptank factory, it was able to be transported in the middle of the night, and installed before the plant went back online the next day.

The tank utilises the patented Klipjet mixing system to keep the contents stirred and prevent a crust layer on top and a sludge layer on the bottom.

**CLIENT:** Dominion Salt Ltd.

