

## INTRODUCTION TO TANK MANUFACTURING



INFRAPIPE™ MANUFACTURES  
HIGH-QUALITY PRODUCTS THAT  
ARE BUILT TO LAST WITH A LONG  
ASSET LIFE.



## COMMERCIAL TANKS

# RETENTION / DETENTION - STORMWATER, WASTEWATER

Offering the best in water storage, INFRATANK™ offer exceptional design with the very best in manufacturing from our experienced fabrication team using 100% virgin polyethylene material.

INFRATANK™ are manufactured from INFRAPIPE™ New Zealand's, latest pipe manufacturing machine from Europe to provide a solid, strong & reliable tank body providing the very best in structural integrity.

INFRATANK™ are customised to meet the requirements of specific projects and our technical engineering technician can assist in the design to meet all the customer's specifications and requirements for all applications.

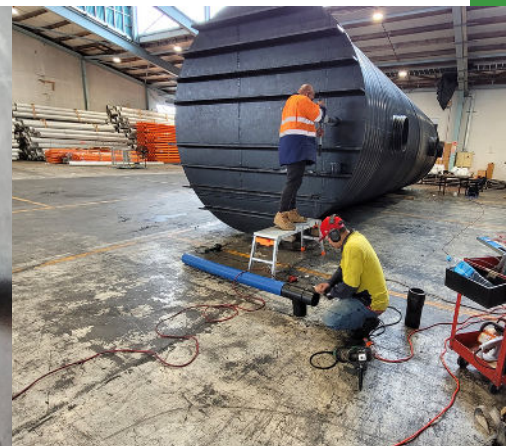
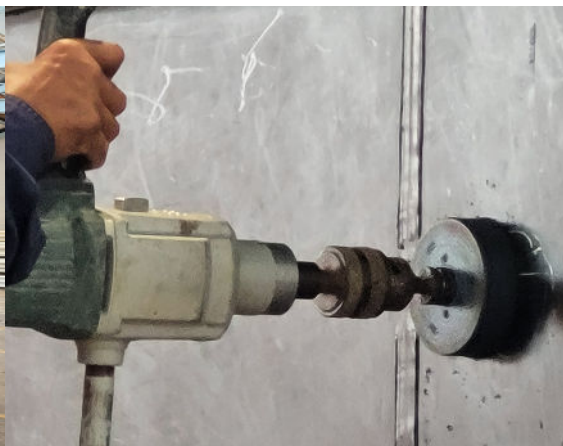
*Delivering on quality is what we do!*

## PRESSURE TEST FOR LEAKS



- Every tank completed by our experienced fabrication team is air-tested for leaks.
- The tank has to hold pressure for 15-20 minutes at 0.5 bar. Should the pressure gauge show a pressure drop, a soapy solution is sprayed on all welded joints looking for any bubbles foaming on the weld being checked. If this occurs the tank has to be depressurized and the weld is redone.
- The tank is then rechecked under pressure before sign off by the tank fabricator as leak-free and ready for dispatch to the customer.

## TANK INLET/OUTLETS ADDITIONS



The tank's design can have **multiple fittings** added due to the requirements needed for water entering and leaving the tank.

**Optional fittings** may include inlets and outlets, providing the connection utilising electric fusion couplers, bends, T-junctions, and puddle flanges with backing rings to have a variety of different valves added.

## DELIVERY

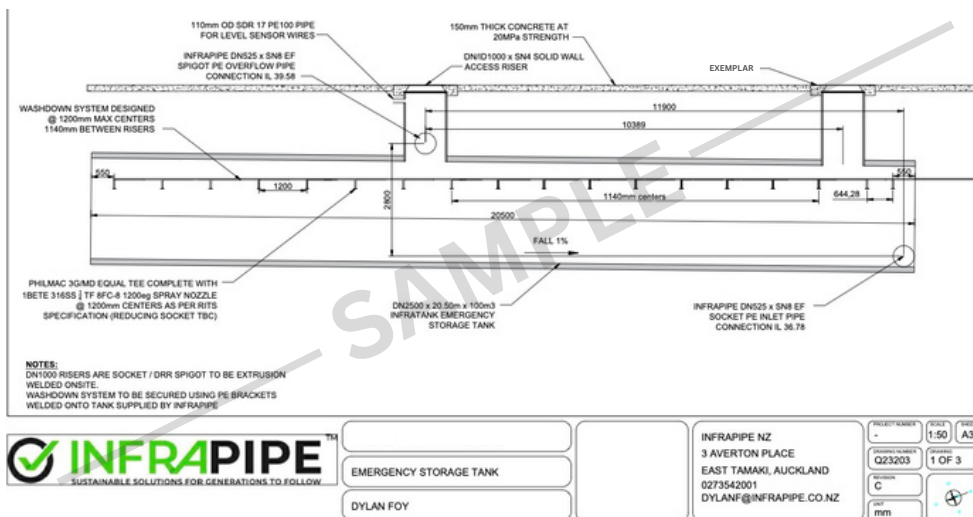


INFRATANK™ can be delivered completed in the North Island but delivered South Island depending on size may have to be shipped in sections and welded on site.

See to the left a **2.5m diameter by 19m 200,000L capacity stormwater emergency storage tank, delivered complete to Tamahere Country Club in Hamilton, North Island.**

**\*\*NOTE** Oversized tanks may require the use of a pilot vehicle.

## DESIGN ASSISTANCE



**Customized tanks** require technical specifications and accurate calculations, for different applications.

**CAD drawings** can be supplied on request or can be altered if required for redesign due to incorrect information due to ground water level, load ratings if trafficable and soil conditions.



**Wastewater and stormwater tanks** can also be installed with internal spray wash down systems for high- or low-pressure options.

## SALES TEAM

Dylan Foy  
Engineering Technician

 **027 354 2001**  
 **DylanF@infrapipe.co.nz**

Darren Hill  
Technical Sales Manager

 **027 247 0960**  
 **DarrenH@infrapipe.co.nz**



 **INFRATANK**<sup>TM</sup>  
SUSTAINABLE SOLUTIONS FOR GENERATIONS TO FOLLOW

