

NDA Engineering - Te Rapa

Tier biscuits are a tasty benefit for NDA Te Rapa

One of many **competitive manufacturing** initiatives developed by the NDA Te Rapa workshops is the tier biscuit. These are used to transport tiers (tank barrels) from the production area to the silo or tank assembly station. Transporting tiers this way eliminates damage caused by traditional lifting clamps.

The biscuit is forklifted to the assembly area ready for use, and then wheeled into position with no cranes required. The cost benefits are approximately one hour per tier at a rate of 750 tiers per year. This means an annual saving of \$37,500.



NDA Engineering - Normanby

Normanby can produce up to two tanks per day

Since the relocation of our fabrication facilitation facility to the Normanby site in 2005, the fabrication of FHT's has increased, reaching a record 620 tanks last year.

The facility has produced 1,540 tanks since the relocation, with sizes varying from 7,800 litres to 30,000

litres. This is a great milestone for NDA. This also includes a number of tanks being fabricated and shipped to the farming communities in Australia, China and Malaysia.

Over the past 12 months, with lean manufacturing implemented into the fabrication processes, Normanby can now produce up to

two tanks per day, plus two modules (part tanks). Having specific procedures in place at each station means anyone can step in and fabricate that part of the tank to the required specifications. This gives staff the motivation to know there is variety and flexibility on the shop floor.