

DESIGN & FABRICATE 4 X 270,000 L FUEL STORAGE TANKS

Client: Northern Oil
Location: Gladstone, QLD
Year of Completion: 2019
Project Type: Industrial Blasting & Painting, Metal Fabrication & Project Services

Northern Oil Refinery (NOR), located at Yarwun outside of Gladstone, is the only facility in Queensland capable of recycling waste lube oil back into base lube oil*. Pructon was engaged to design and construct four blending tanks to hold fuel at the Northern Oil site in Gladstone. The tanks have a 270,000-litre holding capacity, and the project included associated pipe work.

The tanks were fabricated and painted at the Pructon Gladstone mechanical workshop facility and transported to the site where they were lifted into position.

*www.sor.com.au



Benefits

- Design customised to the client requirements.
- Quality requirements ensured for welding and surface treatment.
- Increased the capacity of the plant to hold oil, thus increasing the ability to recycle black oil. As a highly carcinogenic liquid this oil is costly to dispose of however NOR technology can see it refined and turned into biodiesel.



Scope of Work

- Design and certification of the tanks
- Fabrication in our Gladstone workshop of four tanks that stood 20m high and 5m in diameter
- Surface treatment of the tanks and then cladding
- Transporting under escort to the site and unloading
- Fabrication and installation of pipe, valves and pumps
- Standing the tanks and landing on their footings
- Hydrostatic test and commissioning of the tanks and pipe work

