TOPAZ MARINE SERVICES (PTY) LTD

THE SOLUTION TO YOUR SHIPPING NEEDS

Iron Ore Terminal

Iron Ore Terminal - Berths

This includes two ore berths. The jetty consists of twenty five caissons joined by a platform some 991.65m long and is joined to the north shore of the harbour by a 3100m causeway.



Iron Ore Terminal - Tippler

The semi-automatic bulk handling facility is equipped with state of the art tipplers of the Tandem rotary type capable of handling 170 t per tip at a rate of 8000 t/h.



Iron Ore Terminal - Stockpile Area



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Saldanha Bay **Bulk Iron Ore** Terminal (BTS)

General Information

Operator	Transnet Port Terminal
Cargo Type(s) handled	Iron Ore in Bulk
Covered Storage Facility	None
Open Cargo Storage	3 Million Tons
Facilities	Fresh Water supply Garbage disposal Accessible Taxi & Delivery Service by Road Electricity supply
Terminal Equipment	2x 8000 tph semi-automatic luffing, slewing and travelling ship loaders 19 km conveyors 4 x 8000 tph stacker/reclaimers 2 x 8000 tph tipplers
Method of Operation	Iron Ore is transported by rail trucks which are off loaded by mechanical rail tippler. A conveyor system takes the iron ore to the stockpile or directly to the ship.
Major Problems and Issues	To control the dust in such a way that it complies with the local environmental standards
Available Berths	Berth Saldanha (OBS) & Langebaan (OBL)
Expansion	Provide 2x additional Bulk Iron Ore Berths for increase export volumes Expand Stock Pile area

Restrictions

Draft for Docking	13.0m – 19.0m. - Day Light Docking 19.5m and over - Tidal Docking
Draft for Sailing	19.0m and over - Tidal Docking
Max. air draft	22m
Minimum beam	32m
Length	300 - 350m- Day Light Docking
DWT	200 000 – 250 000 - Day Light Docking
Age	The maximum permissible age of vessels scheduled for loading at BTS is 20 years from ex dock-ya All vessels between 15 and 20 years will be inspected at least once a year.

Requirements

1. All vessels must be classed under IACS.
2. Vessel to be gearless.
3. The berthing of vessels of less than 80,000 Dead Weight Ton (DWT) and/or vessels with mast poles will be permitted at the discretion of TPT
4. Vessels of less than 80,000 DWT the minimum hatch opening for loading holds need to be 20 m (length) x 14 m (width).
5. Vessels must not have centre beams or bulkheads in any holds or hatchways destined for loading.
6. Vessels must be single deck, self-trimming bulk carrier
7. Each vessel must have a minimum 3 star approved “Right Ship” rating for carrying iron ore in bulk.
8. Vessel hatches must be of the mechanical type and of such a design and construction so as not to impede the operation of the Terminal's ship loaders
9. Vessels must have sufficient de-ballasting capabilities to allow BTS to achieve the standard load rates
10. Vessels must be capable of loading iron ore at the rate of 8,000 tons per hour (tph) for a single loading operation and 15,000 tons per hour for a dual loading operation
11. The ISM code is applicable to all vessels and shipping companies.

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Address and Contact Details

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