

GUARUJÁ YARD

BRAZIL



GUARUJÁ YARD

SAIPEM DO BRASIL

CTCO - OFFSHORE TECHNOLOGY AND CONSTRUCTION CENTRE FABRICATION AND MARINE BASE

TECHNICAL SPECIFICATIONS

GENERAL INFORMATION

- Overall area: 354,000 m²
- Overall office area: 10,000 m²
- Overall covered production area: 22,816 m²
- Overall outdoor production area: 194,664 m²
- Overall covered storage area: 2,970 m²
- Overall outdoor storage area: 45,918 m²
- Other service area (maint., serv., jetty area, roads & parking, subcontr. area, etc): 77,632 m²
- Training center: 900 m²
- Canteen and kitchen extension: 2,800 m²
- Distance to the closest international airport: 95 km
- Average annual temperature: 24.7°C
- Average annual rainfall: 2,556 mm

FABRICATION AND MARINE BASE AREA

Steel structural prefabrication

- Prefabrication workshops area: 11,270 m²

Piping prefabrication

- Workshop for carbon steel piping: 1,018 m²
 - Workshop for exotic steel piping: 1,018 m²
 - Heavy/light welding line: 6,100 m²
- ##### Surface protection
- Painting workshops areas: 920 m²
 - Sandblasting cabin area: 460 m²
 - Outdoor assembly/erection area: 90.000 m²
 - Soil bearing capacity: 5 to 10 t/m²

QUAY

- Length: 580 m
- Reinforced length: 505 m
- Soil bearing capacity: 10 t/m²
- Distance to open sea: 4.000 m
- Water min. depth: 12 m
- Tide variation: 1.1 m

MAIN YARD EQUIPMENT

Fabrication equipment

- Plate-rolling machine: 1
- Plate-profiling machine: 1

Mobile cranes

- Wheeled cranes 60 to 110 t capacity: 2

Other lifting & handling equipment

- Tower crane 350 t capacity: 1
- SPMT 600 t capacity: 3
- SPMT 80 t capacity: 3

YARD GENERAL FABRICATION CAPACITY

- Annual tonnage: 9,000 t/year
- Annual man-hours: 1,500,000 mhhrs/year
- Largest jacket weight: 4,000 t
- Largest module weight: 4,000 t
- Loadout method: SPMT, cranes

CERTIFICATIONS

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018
- OHSAS 18001:2007

TYPICAL FEATURES AND FACILITIES OF THE YARD

- ISPS Area (all Yard): 354.000 m²
- Power supply from national network: 12,5 MW

Saipem developed the CTCO in 2011, strategically located in Santos Basin, SP. The combination of this fabrication and marine base facility, with the Engineering Center of excellence based in the company's headquarters in Rio de Janeiro, made it possible to deliver EPCI projects enhanced with local content for the Brazilian oil and gas industry.

DID YOU KNOW?

FROM 2012 TO 2014,
THE CTCO GENERATED
AROUND 5,000 JOBS
IN BRAZIL AND AROUND
2,000 IN THE BAIXADA
SANTISTA REGION.