

# AMBRIZ YARD

ANGOLA

EUROPEAN



SAIPEM



# AMBRIZ YARD

## PETROMAR

### TECHNICAL SPECIFICATIONS

#### GENERAL INFORMATION

- Overall area: 295,445 m<sup>2</sup>
- Overall office area: 9,700 m<sup>2</sup>
- Distance to closest international airport: 190 km
- Free trade zone: no
- Average annual temperature: 30.25 °C
- Average annual rainfall: 2.65 in

#### AREAS

- Erection area: 68,450 m<sup>2</sup>
- Asset area: 24,320 m<sup>2</sup>
- Lay-down area: 27,940 m<sup>2</sup>
- Breakwater area: 8,800 m<sup>2</sup>
- Painting area: 11,789 m<sup>2</sup>
- Welding school area: 670 m<sup>2</sup>
- Workshops area: 4,900 m<sup>2</sup>
- Project warehouse area: 3,820 m<sup>2</sup>
- Scaffolding area: 805 m<sup>2</sup>
- Bunker area: 1,030 m<sup>2</sup>
- Waste storage area: 10,000 m<sup>2</sup>
- Gas storage area: 820 m<sup>2</sup>
- Diesel tank area: 580 m<sup>2</sup>
- Power station area: 450 m<sup>2</sup>
- ISPS commercial port area: 8,075 m<sup>2</sup>
- Lifting area: 812 m<sup>2</sup>
- Storage area (new expansion): 70,000 m<sup>2</sup>

#### SUPPORT WORKSHOPS AND FACILITIES

- Fabrication main workshop: 10,650 m<sup>2</sup>
- Asset electrical workshop: 180 m<sup>2</sup>
- Piping workshop 1: 254 m<sup>2</sup>
- Piping workshop 2: 273 m<sup>2</sup>
- SS workshop: 321 m<sup>2</sup>
- Customs clearance area: 383 m<sup>2</sup>
- Client warehouse: 889 m<sup>2</sup>

- Lifting and project warehouse: 551 m<sup>2</sup>
- NDT bunker: 56 m<sup>2</sup>
- Painting cabin: 677 m<sup>2</sup>
- HSE training room: 56 m<sup>2</sup>

#### OFFICES AND ACCOMMODATION

- Client office: 132 m<sup>2</sup>
- HSE and quality office: 211 m<sup>2</sup>
- Main Petromar office: 645 m<sup>2</sup>
- Asset office: 194 m<sup>2</sup>
- Office containers asset: 81 m<sup>2</sup>
- Client office containers Block A: 160 m<sup>2</sup>
- Client office containers Block B: 107 m<sup>2</sup>
- Office containers yard: 749 m<sup>2</sup>
- Production office: 355 m<sup>2</sup>
- Accommodation area (including recreation facilities): 91,680 m<sup>2</sup>
- Accommodation beds: 555

#### PORT

- Load out capacity: 5,000 t
- Quay bearing capacity: 5 t/m<sup>2</sup>
- Bollard distance 30 m (5 bollards along the quay with capacity 50 t)

#### QUAY AND CHANNEL

- Total area: 9,000 m<sup>2</sup>
- Length: 200 m
- Capping beam elevation: +3.5 m LAT
- Berthing area length: 180 m
- Quay draft: 6.5 m
- Channel draft: 7.5 m
- Channel width: 100 m
- Channel length: 1 NM
- Unsheltered storage area: 35,000 m<sup>2</sup>
- Sheltered storage area: 2,122 m<sup>2</sup>

#### YARD EQUIPMENT

- 6 x Crawler cranes  
Capacity max.: 350 t
- 6 x Wheeled cranes  
Capacity max.: 75 t
- 5 x Overhead cranes  
Capacity max.: 50 t
- 6 x Multiwheels  
Capacity max.: 600 t
- Forklift: 45 t
- Stacker: 45 t
- HGG pipe profiling machine
- HGG beam profiling machine
- SOITAAB plate cutting machine
- DAVI plate rolling machine
- Tugboat
- Workboat
- Dredging pontoon

#### YARD GENERAL FABRICATION CAPACITY

- Annual tonnage: 4,000 t/year
- Annual man-hours: 1,200,000 mhrs/year
- Largest jacket: 1,900 t
- Largest module: 1,000 t
- Load out method: multiwheels, cranes
- Personal peak achieved: 719

#### CERTIFICATIONS

- BVQI ISO 9001: 2008

Petromar Ambriz base and yard was founded in 1984, then rehabilitated in 2007-2013. Its clinic has been inspected and granted a health certificate issued by the Government Health Department of Bengo province.

## DID YOU KNOW?

THE BASE ACCOMMODATION CAMP OCCUPIES A TOTAL AREA OF 91,680 M<sup>2</sup> THE PERIMETER OF THE CAMP IS COMPLETELY FENCED AND ILLUMINATED WITH CAPACITY TO ACCOMMODATE UP TO 555 PEOPLE.