

# RUMUOLUMENI YARD

NIGERIA

# RUMUOLUMENI YARD

## SAIPEM CONTRACTING NIGERIA LTD

### TECHNICAL SPECIFICATIONS

#### GENERAL INFORMATION

- Overall area: 1,000,000 m<sup>2</sup>
- Overall office area: 13,000 m<sup>2</sup>
- Overall covered production area: 52,600 m<sup>2</sup>
- Overall outdoor production area: 345,000 m<sup>2</sup>
- Overall covered storage area: 8,800 m<sup>2</sup>
- Overall outdoor storage area: 142,000 m<sup>2</sup>
- Overall camp accommodation area: 82,000 m<sup>2</sup>
- Other service area (parking, green, gates, army compounds): 88,600 m<sup>2</sup>
- Client office area: 660 m<sup>2</sup>
- Training center: 590 m<sup>2</sup>
- Canteen and kitchen extension: 1,362 m<sup>2</sup>
- Distance to the closest international airport: 30 km
- Average annual temperature: 26.4°C
- Average annual rainfall: 2,294 mm

#### PRODUCTION AREA

##### Steel structural prefabrication

- Prefabrication workshops area: 26,120 m<sup>2</sup>

##### Piping prefabrication

- Workshop for carbon steel piping: 3,750 m<sup>2</sup>
- Workshop for exotic steel piping: 1,000 m<sup>2</sup>
- Heavy/light welding line: 3,000 m<sup>2</sup>

#### Surface protection

- Painting workshops areas: 6,310 m<sup>2</sup>
- Sandblasting cabin area: 5,100 m<sup>2</sup>
- Outdoor assembly/erection area: 60,000 m<sup>2</sup>
- Soil bearing capacity: 5 to 25 t/m<sup>2</sup>

#### QUAY

- Length: 330 m
- Reinforced length: 230 m
- Soil bearing capacity: 1.5 (J1); 5.5 (J2, J3) t/m<sup>2</sup>
- Distance to open sea: 50,000 m
- Water min. depth: 6.5 m
- Tide variation: 2.5 m

#### MAIN YARD EQUIPMENT

##### Fabrication equipment

- Rolling machine: 3
- Plate-profiling machine: 2
- Welding machines SMAW / FCAW / SAW: 506

##### Mobile cranes

- Crawled cranes above 300 t capacity: 1
- Crawled cranes 150 to 300 t capacity: 10
- Crawled cranes below 150 t capacity: 8
- Wheeled cranes above 110 t capacity: 1
- Wheeled cranes 60 to 110 t capacity: 18
- Wheeled cranes below 60 t capacity: 15

#### Other lifting & handling equipment

- Tower crane 350 t capacity: 1
- Tower crane 24 t capacity: 1
- SPMT 600 t capacity: 10
- Reach stacker 45 t capacity: 1

#### YARD GENERAL FABRICATION CAPACITY

- Annual tonnage: 17,000 t/year
- Annual manhours: 3,200,000 m.hrs/year
- Largest jacket weight: 3,000 t
- Largest module weight: 3,000 t
- Loadout method: SPMT, cranes

#### CERTIFICATIONS

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018
- ISO 21001:2018
- OHSAS 18001:2007

#### TYPICAL FEATURES AND FACILITIES OF THE YARD

- Marine Base: 7,700 m<sup>2</sup>
- ISPS Area: 47,000 m<sup>2</sup>
- Nr. 2 automatic sandblasting machine shops: ø 33.7/609.6 mm & ø 100/1,300 mm
- Ndt/dt lab: 1,000 m<sup>2</sup>
- Custom Bounded Area: 1,800 m<sup>2</sup>

Saipem has been present in Nigeria for more than 50 years. The Rumuolumeni yard in Port Harcourt has been growing over the years to reach today's total area of 1,000,000 m<sup>2</sup>, of which 80,000 m<sup>2</sup> are covered with a jetty extension of 330 m and offshore fabrication capabilities that make it a reference point amongst Nigeria and West Africa region.

## DID YOU KNOW?

SAIPEM CONTRACTING NIGERIA LTD'S RUMUOLUMENI YARD IN PORT HARCOURT WAS ESTABLISHED IN 1999, EXCEEDING THE FABRICATION OF 100,000 T OVER THE 20 YEARS OF ACTIVITIES.