

DAMMAM YARD

KINGDOM OF SAUDI ARABIA



SAIPEM

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SAIPEM TAQA AL-RUHAID FABRICATORS COMPANY LTD (STAR)

TECHNICAL SPECIFICATIONS

GENERAL INFORMATION

- Overall area: 535,638 m²
- Overall office area: 23,410 m²
- Overall covered production area: 25,500 m²
- Overall outdoor production area: 354,930 m²
- Overall covered storage area: 8,162 m²
- Overall outdoor storage area: 100,000 m²
- Overall camp accommodation area: 14,000 m²
- Other service area (maintenance, parking, water/sewage plants): 9,636 m²
- Client office area: 1,500 m²
- Training center: 1,600 m²
- Canteen and kitchen extension: 2,592 m²
- Distance to the closest international airport: 20 km
- Average annual temperature: 27.0°C
- Average annual rainfall: negligible

PRODUCTION AREA

Steel structural prefabrication

- Prefabrication workshops area: 16,000 m²

Piping prefabrication

- Workshop for carbon steel piping: 6,006 m²
- Workshop for exotic steel piping: 850 m²
- Heavy/light welding line: 5,400 m²

Surface protection

- Painting workshops areas: 3,500 m²
- Sandblasting cabin area: 1,120 m²
- Outdoor assembly/erection area: 214,519 m²
- Soil bearing capacity: 30 t/m²

QUAY

- Length: 345 m
- Reinforced length: 50 m
- Soil bearing capacity: 50 t/m²
- Distance to open sea: 1,000 m
- Water min. depth: 6 m
- Tide variation: 2.3 m

MAIN YARD EQUIPMENT

Fabrication equipment

- Plate oxy-plasma cutting machine: 2
- Pipe oxy-plasma cutting machine: 2
- Multi-profile robotic plasma cutting machine: 1
- SMAW-FCAW-GTAW-SAW-TAC welding machines: 650

Mobile cranes

- Crawled cranes above 300 t capacity: 1
- Crawled cranes 150 to 300 t capacity: 6
- Wheeled cranes 60 to 110 t capacity: 7
- Wheeled cranes below 60 t capacity: 8

Other lifting & handling equipment

- SPMT 600 t capacity: 9
- Forklift 42 t capacity: 3

YARD GENERAL FABRICATION CAPACITY

- Annual tonnage: 30,000 t/year
- Annual manhours: 5,000,000 mhrs/year
- Largest jacket weight: 4,400 t
- Largest module weight: 4,400 t
- Loadout method: SPMT, cranes

CERTIFICATIONS

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

Established in 2007, Saipem Taqa Al-Rushaid Fabricators Company Ltd (STAR), is a Limited Liability Partnership between Taqa Al-Rushaid for Marine Works Co. Ltd. and Saipem International BV. The aim of the company is to fabricate offshore structures & accessories at King Abdul Aziz Port of Dammam. This major initiative of fabricating platforms for the offshore oil and gas fields is the first of its kind in the Kingdom of Saudi Arabia.

DID YOU KNOW?

THE TP-9 DECK, A 3,200-T TIE-IN PLATFORM BUILT IN STAR IN 2016, IS THE BIGGEST OFFSHORE STRUCTURE EVER FABRICATED IN SAUDI ARABIA UP TO DATE.