



Praj Marine Consultants
Pte Ltd
Singapore

About us

Praj Marine Pte Ltd (PMC) is Singapore based Company providing Project Supplies, Marine consultancy and Supply Skids to oil & gas industry.

AT PMC in the present ever expanding and connected world, we believe in connecting capabilities of products & skills to create value for customers.

PMC Advantage:

*Customised solutions by
integrating great products &
Capable minds*



PMC Advantage

- Experience for 27 years as Marine Engineers/Managers with Ship & FPSO.
- FPSO Marine consultancy & studies for conversion, Ship Dry-docking, Marine packages & Classification rules
- Ability to Multitask, integrate great products/ brands with innovative solutions saving cost & delivery time.
- Associates/Partners in UK, Singapore, Perth (Australia) & India.
- Technical & onsite service support after commissioning.

PMC Products

We provide products for FPSO, Rigs & other industries.

- Manual Valves – API standard
- Integrated On-Off valves
- Control valves & relief valves
- Chemical Injection pumps as per API 675
- Self contained hydraulic ESD Valves
- Fire water jockey pump, Calorifier hot water system
- Pump skids
- Gauges, Rupture disc - Fike
- **Salient Features**
 - We integrate branded products & capable minds to provide customised Skids with better delivery & cost.
 - After sales Support & service

PMC Products

With our associates we can provide together following product brands

- JC valvulas, Pekos Spain, Delval India valves
- Perar, Starline Italy , SRI france valves
- Ace butterfly valves
- Rotork, Bettis, Airtorque actuated valves.
- CVS – Canada Control valves
- Bruin Canada, OMG italy Chemical Injection pumps as per API 675
- Allweiler screw & centrifugal pumps.

Stock valves of Starline, Pekos, Perar.

Client list & Major project Supplies/Services

- Lamson FPSO
- Santos – Australia
- Bertam FPSO
- FPSO – ONGC - C7
- FPSO Brotojoyo
- FPSO Apache – Armada Claire
- Glaxo Smithkline – Biologicals - Boiler plant
- ROS Singapore
- Deltin – Cruise
- SVDN Vietnam
- Anyala Madu
- Adnoc
- Selandia Ship management -Boiler class approved valves
- Mercator – MOPU project.
- Kris Energy
- Lundin Petroleum
- Yinson OCTP FPSO
- Bumi Armada FPSO
- Glencore – UK
- E & P Nigeria
- Intrepid FPSO
- Perenco
- Oxy Oman
- Enauta FPSO

Client list & Major projects

Enauta FPSO (2023) ■ Progressive cavity pumps



Client list & Major projects

Enauta FPSO (2023) ■ Manual and actuated valves



Client list & Major projects

Enauta FPSO (2023) ■ Manual and actuated valves



Client list & Major projects

Anyala Madu FPSO (2019)

■ Control valves

- 150#, 1500# Gas & Liquid control valves 12 Nos



Client list & Major projects

Oil Rig Muscat (2019)

- Corrossion Inhibitor Injection pump 5LPH – 200 LPH



Malaysia (2019)

- MEG Injection pump 5LPH – 50 LPH

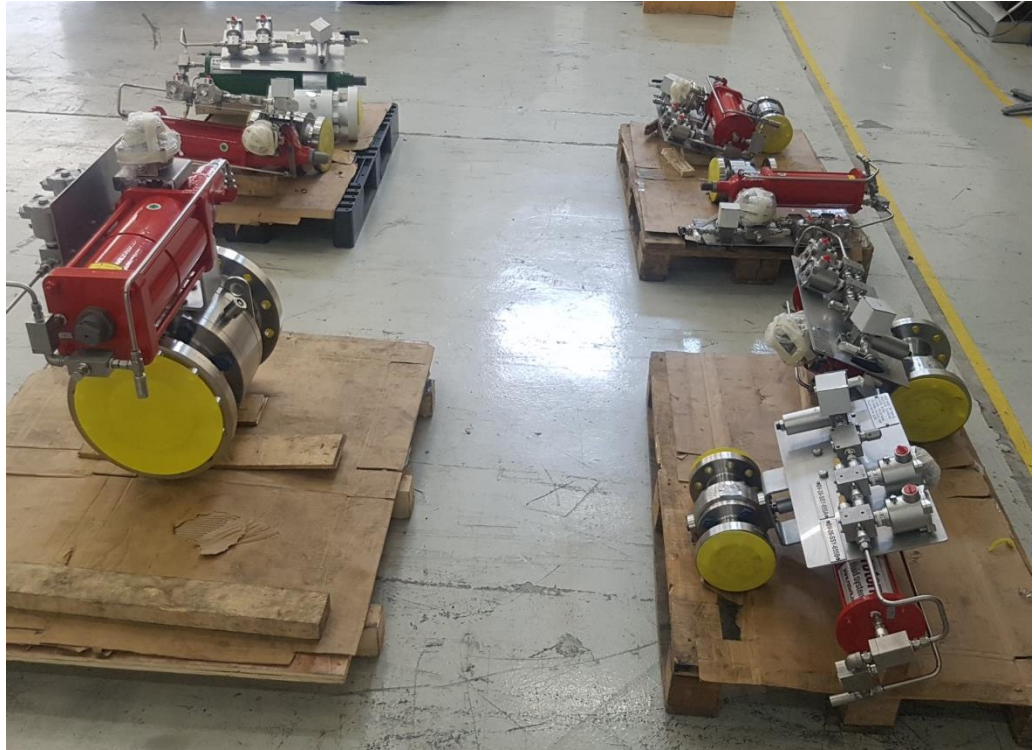
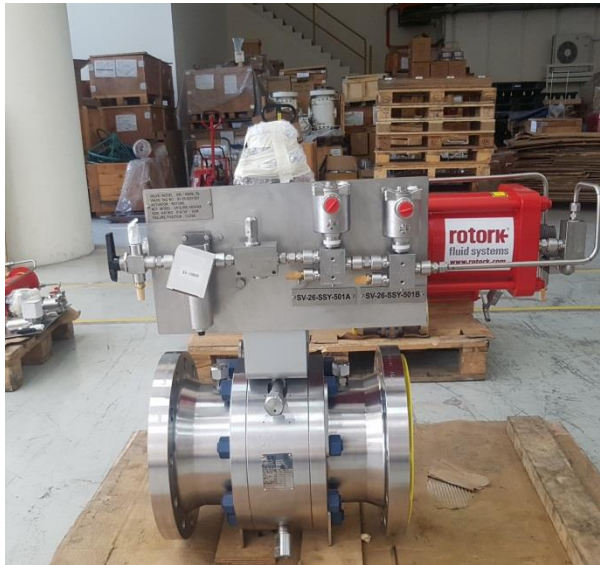


Client list & Major projects

SVDN - Vietnam (2018)

■ Shut down valves

SS316 900# - RTJ actuated
Ball Valves, 7 nos



Client list & Major projects

Glencore (2018)

■ WHP ESD – Self Contained

1500# - RTJ Ball Valves, Auto / manual, Hi-Lo pressure switch activated x 4 nos



www.pmc-sg.com

■ Control valves

- Severe Service water injection Control valves 2", 3" size x 1500#

Client list & Major projects

Glencore (2017)

■ ESD Valves

- Self contained Hydraulic actuated Well head ESD valves 6", 3" x 1500# X 6 Nos for Chad - Africa



■ Control Valves

- Diaphragm Control Valves 2" x 300# X 2

Client list & Major projects



S1 assets Thailand (2016)

■ On – Off & Shut down valves

- Integration of 300#, 900# SRI France valves with Rotork Actuators
- Delivery time 16 weeks, FAT – In Singapore





Yinson Production (2015-16)

■ Fire Water Jockey Pump System packages

- Pressure vessel – Rubber lined for sea water application
- Allweiler- Germany pumps
- Rittal Control Panel
- DNV Class Approval

Supplied DNV class approved products

- Marine Control valves
- Flame arrestors
- Vapor lock Valves
- Safety valves
- Tank cleaning heater
- Wika Gauges





FPSO Consultant Dec 2013- July 2014

■ Review of Pemex Bids for FPSO

- Review of topside / Marine interface
- Turret system
- Mooring system
- Marine Utilities

Boiler fuel pump Skid (2014)

■ Power Plant

- Positive displacement pumps – 30m³/hr
- Piping & fittings 150#
- 3rd party approval
- Delivery time 4 weeks



Lundin Bertam FPSO (2014- 2015)

■ **Procurement management of topside packages**

- Review of topside / Marine interface
- 1st/2nd stage separator skid
- Gas compressor skid
- Hydro cyclone skid , Crude oil cooler skid
- Chemical injection skid, Produced water pump
- All Valves & Instruments
- Mechanical handling Study



• **Achievements**

- Procurement & delivery of packages achieved in 5 months with excellent coordination of engineering & equipment supplier



Petrovietnam Lamson FPSO (2012-14)

- All Marine systems engineering Review & optimisation.
- Packages – Total 51 packages including 1.2MW Emergency Generator, Gas & Liquid Metering skids, Nitrogen generator, Dual fired Boiler package, Deluge Pumps, Cranes, Laboratory, Compressors, Manual & control valves.
- CO₂, Valve hydraulic , Inert gas system modification review





Petrovietnam Lamson FPSO (2012-14)

Achievements

- Long lead – Dual fuel boiler configuration & sizing optimized fit for purpose making early availability of engine room boilers & bringing reliability & cost saving.
- Sea water injection pump sizing optimized to make it additionally suitable as back up fire pump in compliance with DNV class requirement saving cost for Caisson pumps



Premier Oil Anoa Platform Phase 4 (2012)

Interface engineering

- Review Interface documents between AMEC & Premier Oil for existing Solar turbine Modification – 2 Nos & New – 1 no Installation.

FPSO BROTOJOYO- Kangean Energy Indonesia

- Construction management for Life extension & refurbishment - Indonesia.
- Marine systems review & Decommissioning of main engine etc.
- Procurement & Installation of dual fuel deck boiler, DG sets – 2.8 MW, Topside equipment modification, E-house, Marine auxiliaries
- DNV Class interface & compliance



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