



**Vina Offshore
Engineering**

Company Presentation

<Revision 2024.05>

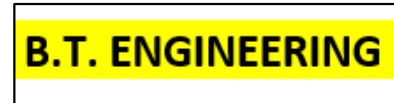
Company Overview

- ❖ YHH Marine Engineering was established in Singapore in 2006.
- ❖ We have operations in Singapore and Vietnam (Vina Offshore Engineering).
- ❖ We have grown to become a major service provider in the Construction, Processing, Marine, Offshore and Onshore Oil & Gas industries.
- ❖ We have developed a core group of Competent, Experienced and Qualified personnel.
- ❖ We have expertise on Structural, Piping, Electrical & Instrumentation (E&I), Insulation and Integrated Manufacturing Works for Compressor & Processing Skids, Metering Skids, Thermal Oxidizers, Burners, Flare Stacks, Top-side Modules for FPSO, Petrochemical Plants and others.



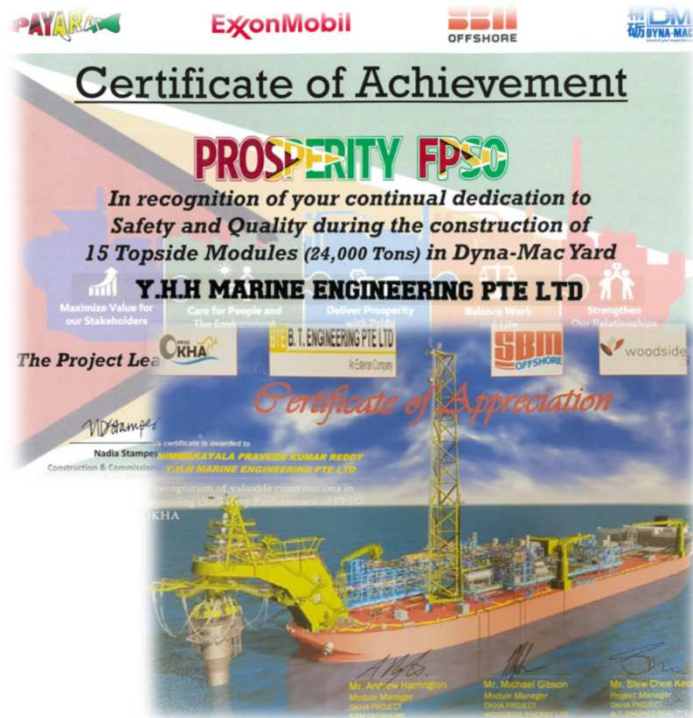
The Root & Journey from 2006 onwards

- ❖ Subcontractor for building FPSO Topside Modules.
- ❖ Structures, Piping, Insulations and E&I.



Recognized by the Market

- ❖ Highly recognized and awarded in the Market.
- ❖ Main Contractors, Clients & Endusers.
- ❖ Competent, Competitive, Reliable & Safe Execution.



Vision & Mission



Vision

To be a reliable and preferred integrated solution provider for the oil & gas, marine, processing and fabrication industries.

Mission

- ❖ To provide solutions to our customers on time, on budget and with zero incidents.
- ❖ To execute our businesses safely, innovatively and profitably.
- ❖ To make continual improvement of quality, processes and competence.

Quality Policy

- ❖ Quality is our culture and it's everyone's responsibility.
- ❖ Quality is an integral part of our business.
- ❖ Competency, attitude & responsibility is key to achieve quality.
- ❖ Conformance to agreed requirements.



HSE Policy



- ❖ Committed ourselves to the health and safety of all our employees and the safeguard of the environment inside as well as outside area/site of our operation.
- ❖ Safe and efficient standard of work will continue to be the strongest element of company management commitment which will aim for the highest standard of service to our client with regards to HSE requirement.

Certification & Accreditation

- ❖ ISO 9001:2015
- ❖ ISO 45001:2018
- ❖ ISO 14001:2015
- ❖ ASME & NBBI
- ❖ ISO 3834-2 (CE-Marking Enabler)
- ❖ EN 1090-1 (CE-Marking Enabler)

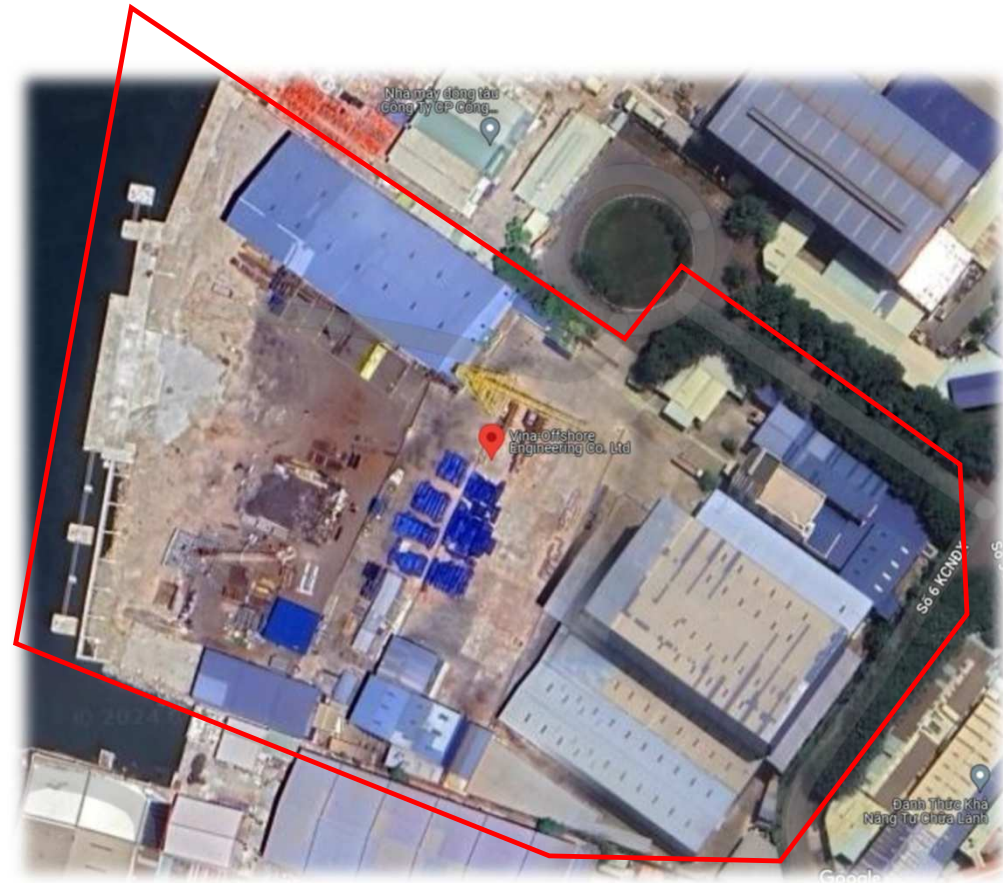
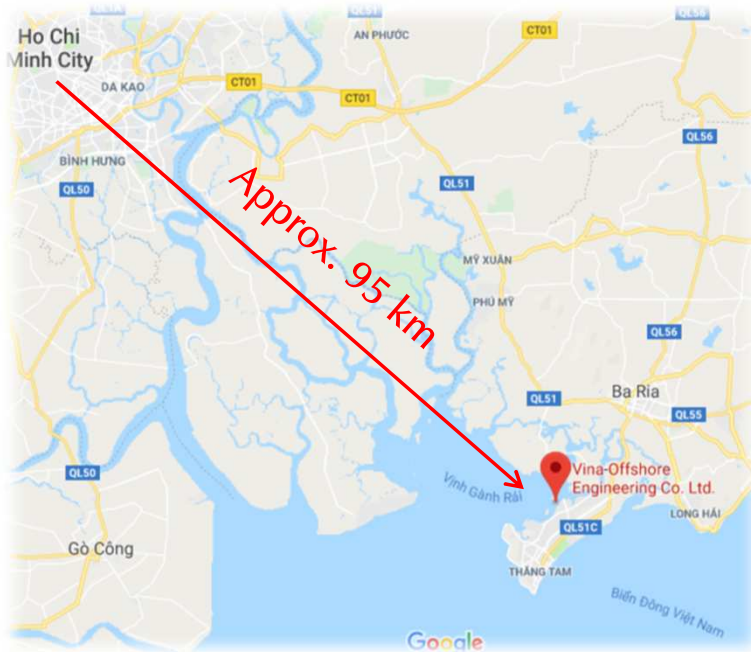


Vina Offshore Engineering

- ❖ Leading fabrication and engineering company in Vietnam for Process Skids & Modules for the Marine, Offshore and Onshore Oil & Gas industries.
- ❖ Established in 1995 and since 2015, 100% owned by Singapore's Y.H.H Marine Engineering.
- ❖ Purpose-built fabrication and engineering complex in Vung Tau city.
- ❖ Strategically located at the water edge with a load-out facility of 10 MT/ m² and 10,000 DWT jetty.
- ❖ Land Area: Over 60,000 m².
- ❖ Workforce: Over 200.



Vina Offshore - Vung Tau, Vietnam



- ❖ Area: 60,000 m²
- ❖ Ground Loading Capacity: 6N/cm² (60T/m²)

Vina Offshore - Port Details

- ❖ Port Code: VNXTS
- ❖ Port Name: VINA OFFSHORE
- ❖ Port Capacity: 3,000 DWT (As Designed)
- ❖ Mooring Capacity: Vessel Load Capacity of 10,000 DWT

- ❖ Jetty Length: 122m
- ❖ At Zero Tide: 6.0m
- ❖ Navigation Channel
- ❖ At Low Tide: 5.0m to 5.5m
- ❖ At High Tide: 8.0m to 8.5m



Vina Offshore - Aerial View of Jetty



Vina Offshore - Open Fabrication Area



Vina Offshore - Open Fabrication Area

❖ 20T Gantry Crane



Vina Offshore - Workshop No. 1



- ❖ Size: 48m (W) x 80m (L) x 23m (H)
- ❖ Overhead Crane: 2 x 25T

Vina Offshore - Workshop No. 2

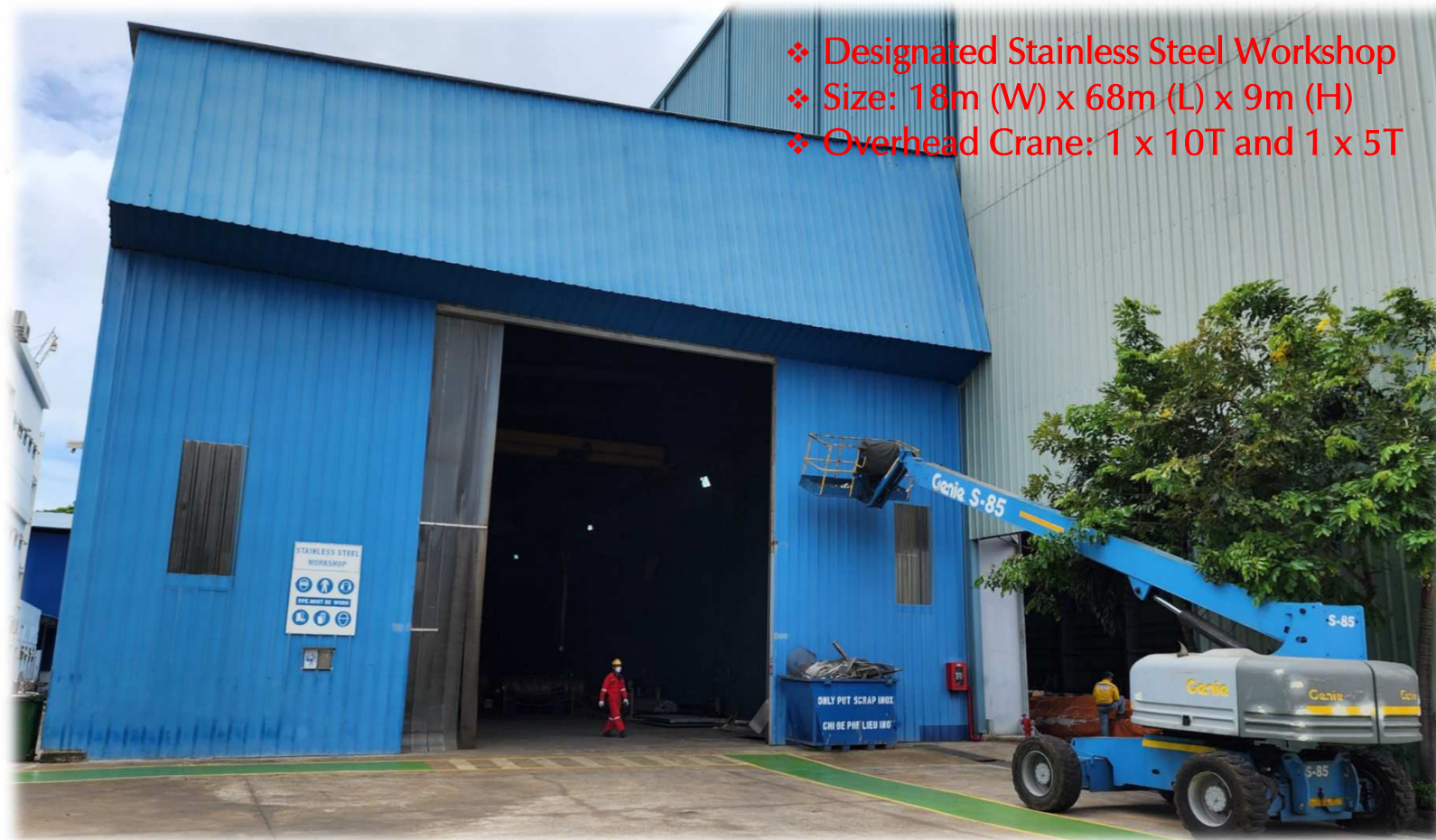


Vina Offshore - Workshop No. 3



- ❖ Size: 25m (W) x 80m (L) x 9m (H)
- ❖ Overhead Crane: 2 x 10T

Vina Offshore - Workshop No. 4



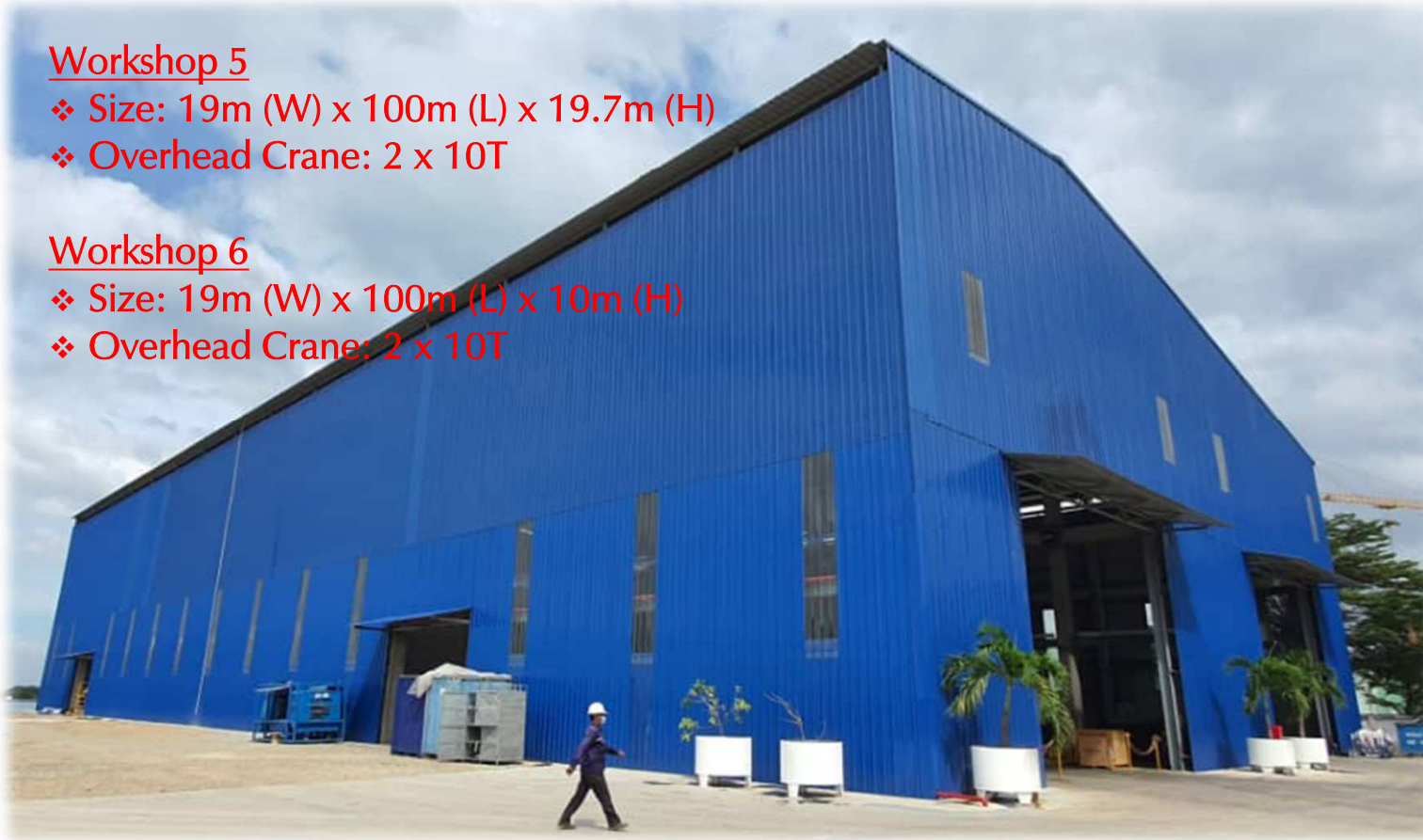
Vina Offshore - Workshop No. 5 & 6

Workshop 5

- ❖ Size: 19m (W) x 100m (L) x 19.7m (H)
- ❖ Overhead Crane: 2 x 10T

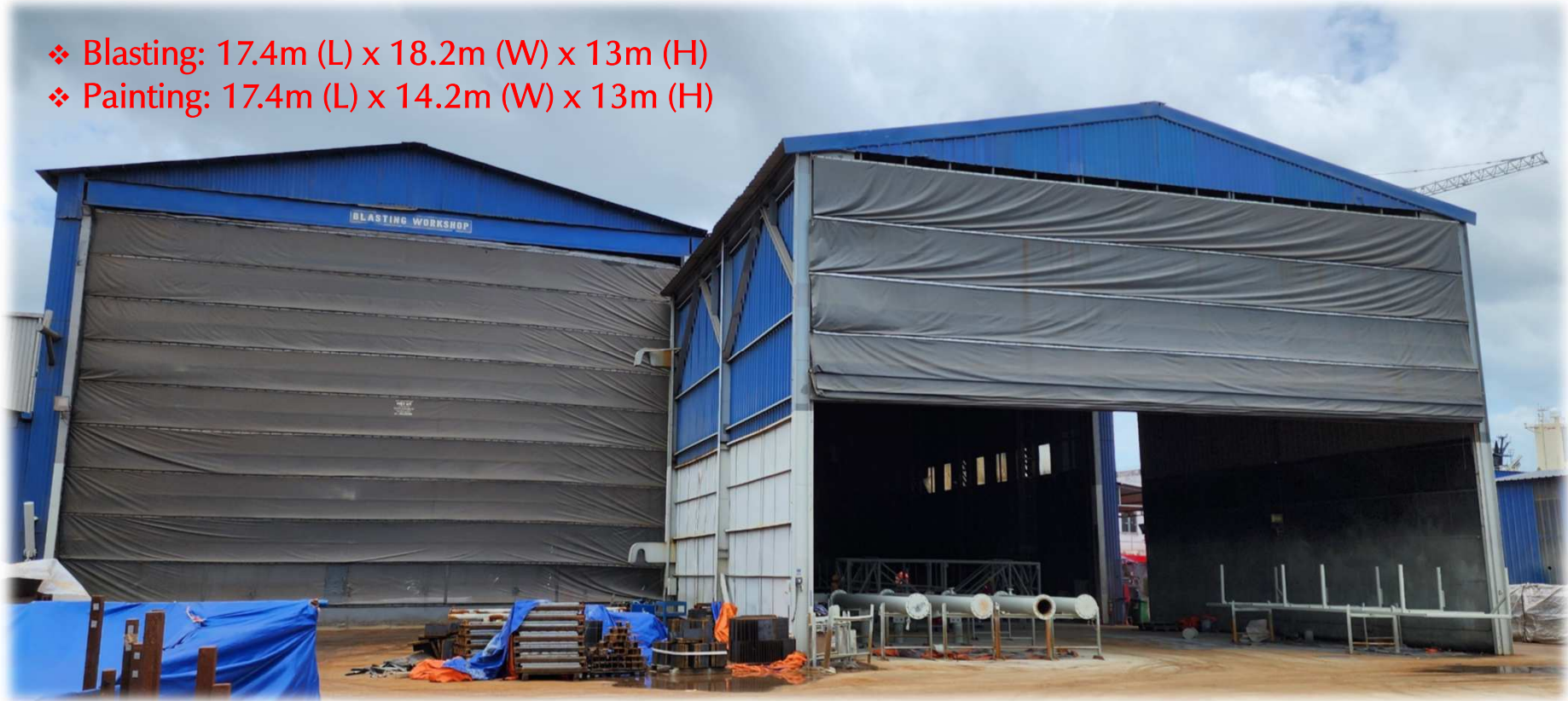
Workshop 6

- ❖ Size: 19m (W) x 100m (L) x 10m (H)
- ❖ Overhead Crane: 2 x 10T



Vina Offshore - Blasting & Painting Workshops

- ❖ Blasting: 17.4m (L) x 18.2m (W) x 13m (H)
- ❖ Painting: 17.4m (L) x 14.2m (W) x 13m (H)



Vina Offshore - Warehouse

❖ Size: 15m (W) x 48m (L) x 9m (H)

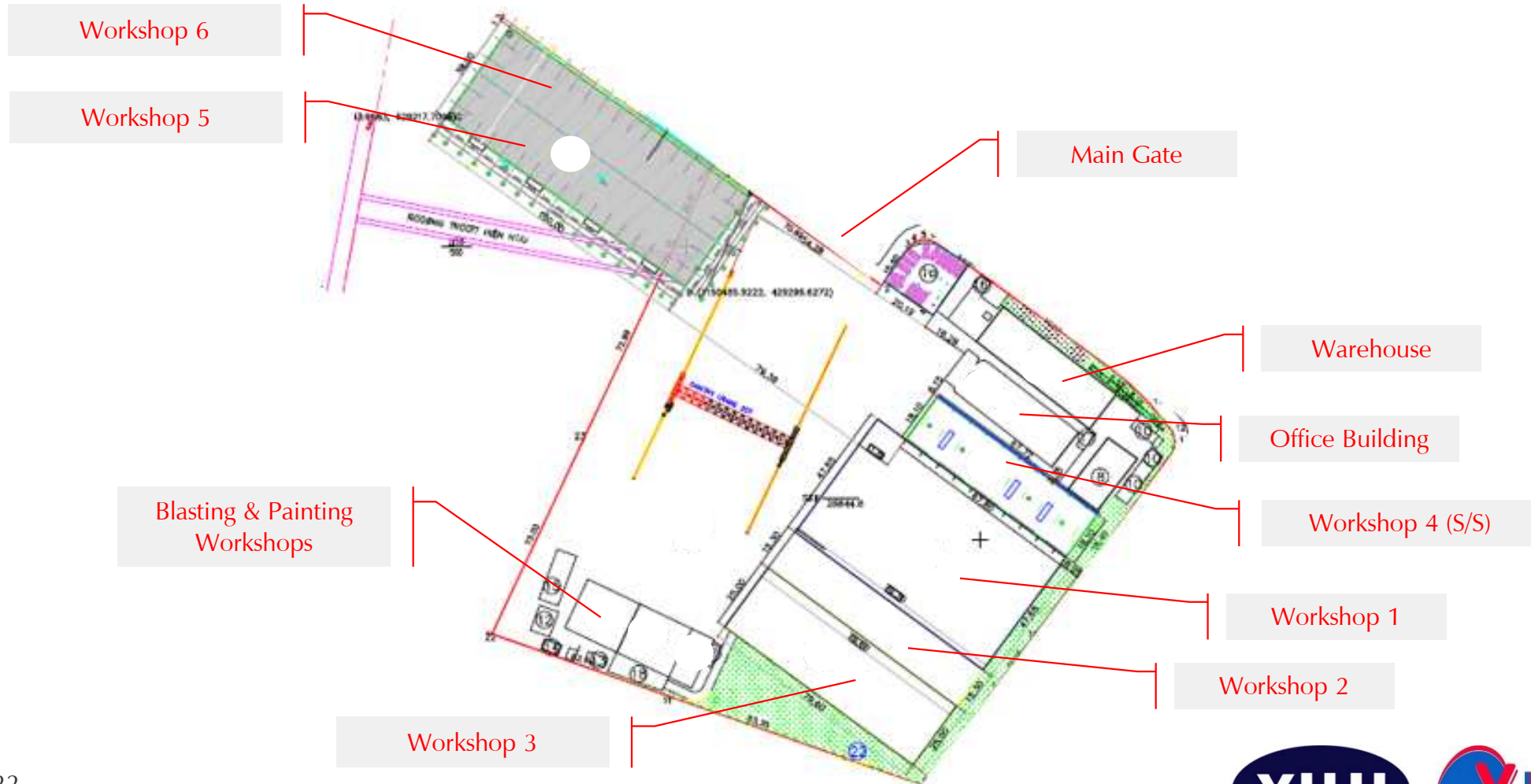




Video Tour

- ❖ 2023 Edition
- ❖ About 5 minutes
- ❖ Showcase Facilities

Facilities - Overview



Services of Vina Offshore Engineering

Fabrication &
Engineering Solutions

Rigging & Marine
Equipment

Pressure Safety
Valve Servicing

Rental & Testing
Services

Value-Added Services

Rental Services

- ❖ Power Generators
- ❖ Air Compressors
- ❖ Scaffoldings
- ❖ Welding Machines
- ❖ Blasting Pots & Airless Spray Pumps
- ❖ High Pressure Cleaning Machines
- ❖ Certified Water Bags & Load Cells

Manpower Services

- ❖ Supervisors
- ❖ Fitters, Welders, Riggers, Painters
- ❖ E&I Technicians
- ❖ Scaffolders
- ❖ Crane Operators

Lifting Equipment Services

- ❖ Lifting Equipment Inspection & Certification
- ❖ Loose Lifting Gear Inspection & Certification
- ❖ Conduct of Testing
- ❖ Witness of Testing
- ❖ Attest of Documents
- ❖ Training Services

Valve Services

- ❖ Valve Servicing
- ❖ Seat Refurbishment
- ❖ Calibration
- ❖ Safety Valve Pop-Test
- ❖ Valve Re-Certification



Projects Completed By:

Vina Offshore Engineering

Vietnam

www.yhh-marine.com.sg/project-portfolio



Thermal Oxidizer



- ❖ Owner: Santos
- ❖ Project: Darwin LNG (DLNG)
Life Extension Project
- ❖ Weight: 190T

Data Center Module System



- ❖ Owner: ---
- ❖ Project: Shiraz Data Center
- ❖ Weight: Approx. 1,000T

10-Bed PSA Skid

- ❖ Owner: ExxonMobil
- ❖ Project: Chemical and Refining Integrated Singapore Plant (CRISP)
- ❖ Weight: 96T



Membrane Skid



- ❖ Owner: Petrobras
- ❖ Project: P-82 FPSO
- ❖ Weight: 150T

Derrick for LNG Facility



- ❖ Owner: CPC Corporation
- ❖ Project: CPC Taichung LNG Terminal Phase 3
- ❖ Weight: 95T

Thermal Oxidizer



- ❖ Owner: Santos
- ❖ Project: Barossa FPSO
- ❖ Total Weight: 420T

CO2 Removal Membrane Package

- ❖ Owner: Santos
- ❖ Project: Barossa FPSO
- ❖ Total Weight: 2,000T



5-Bed Pressure Swing Adsorption (PSA) Skid



❖ Owner: Saudi Aramco
❖ Weight: 32.3T

10-Bed Pressure Swing Adsorption (PSA) Skid

- ❖ Owner: Saudi Aramco
- ❖ Weight: 105T



CO2 Removal Membrane Skid

- ❖ Owner: Petrobras
- ❖ Weight: 80.6T



10-Bed Pressure Swing Adsorption (PSA) Skid

- ❖ Owner: ADNOC
- ❖ Project: Crude Flexibility Project
- ❖ Skid Weight: 35T



4-Bed Pressure Swing Adsorption (PSA) Skid



- ❖ Owner: ME Global
- ❖ Weight: 6T

Membrane Skid



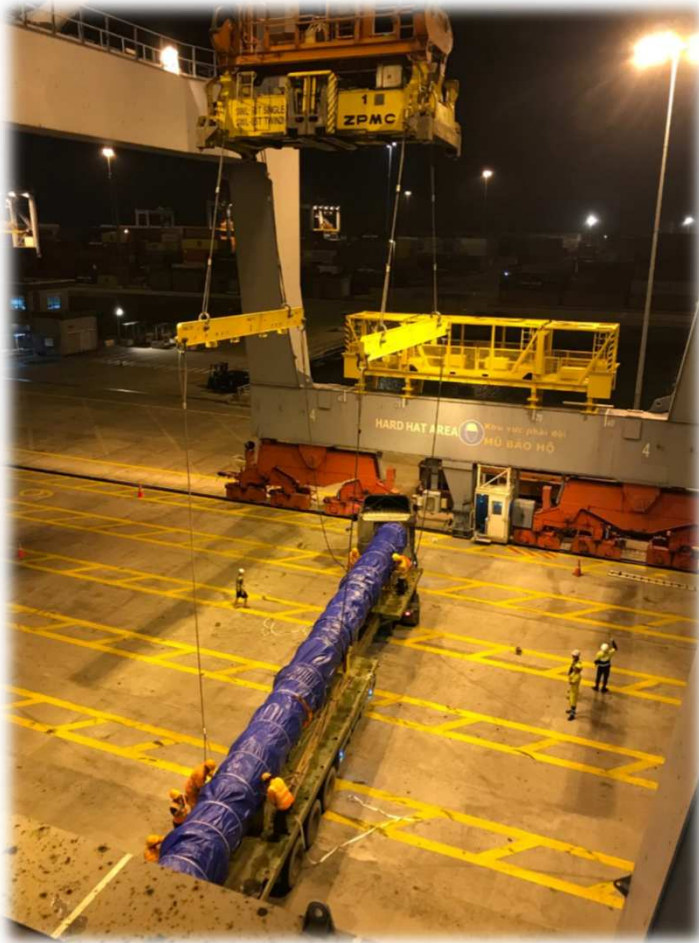
- ❖ Owner: Petrobras
- ❖ Project: FPSO Guanabara MV31

Membrane Skid

- ❖ Project: Takreer Refinery
- ❖ Skid Weight: 75T



Thermal Oxidizer



❖ Owner: Phillips 66

Membrane Skid



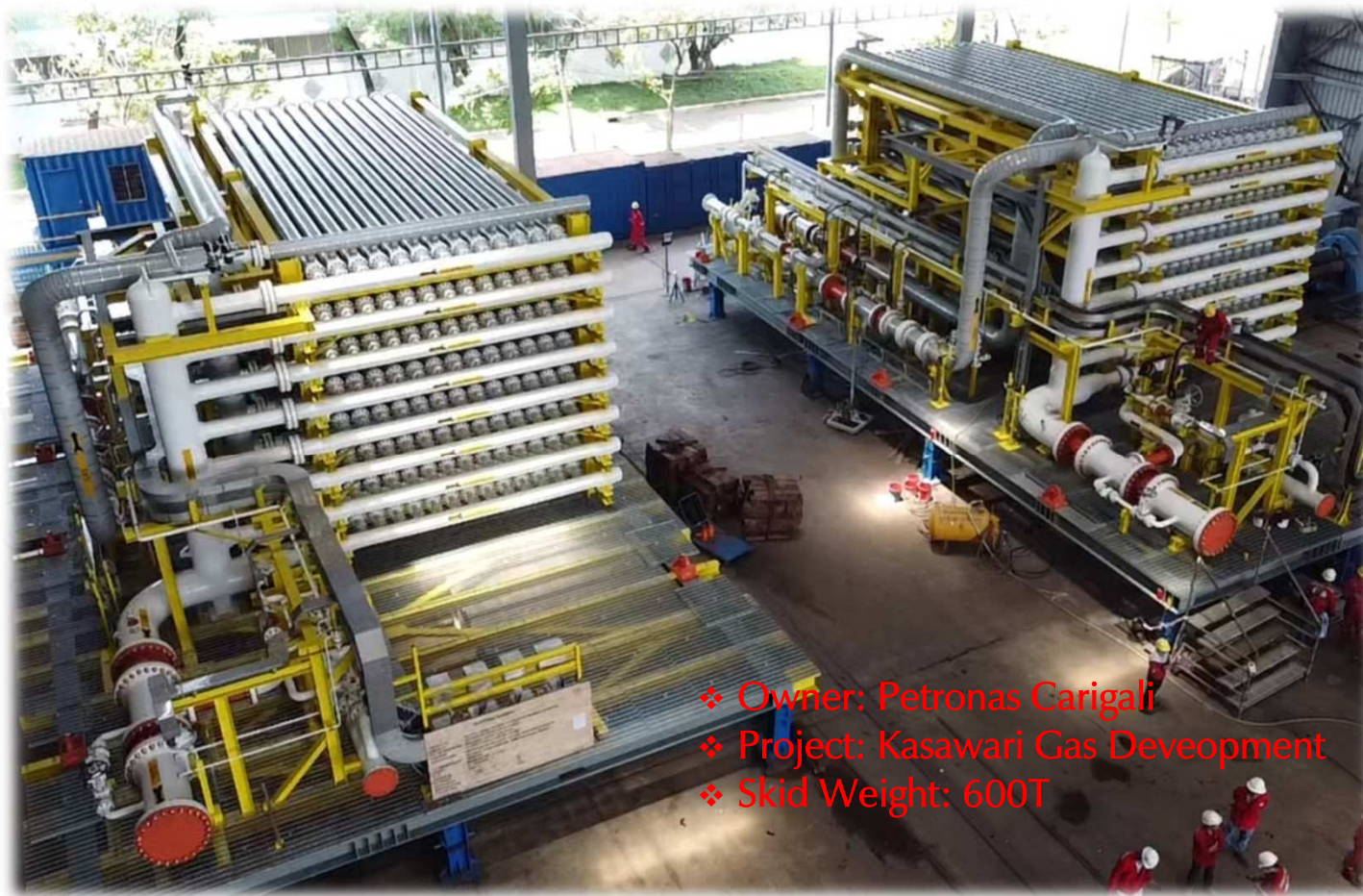
- ❖ Owner: Cepu-Pertamina
- ❖ Weight: 900T

Total Enclosed Ground Flare

❖ Owner: Chandra Asri

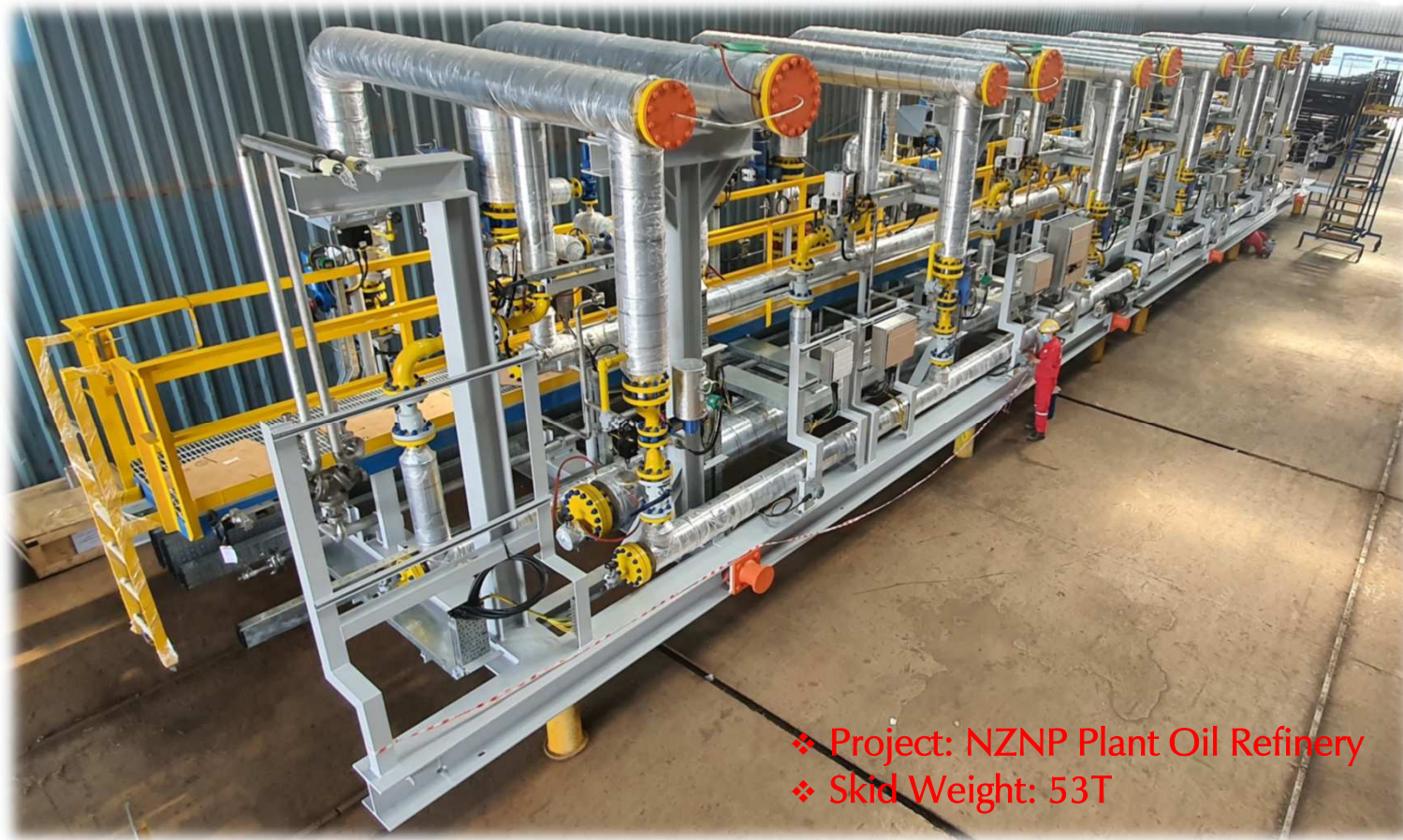


Acid Gas Removal Unit



- ❖ Owner: Petronas Carigali
- ❖ Project: Kasawari Gas Development
- ❖ Skid Weight: 600T

6-Bed Pressure Swing Adsorption (PSA) Skid



- ❖ Project: NZNP Plant Oil Refinery
- ❖ Skid Weight: 53T

Recovery Max Modular Solution



- ❖ Owner: PEMEX
- ❖ Project: Pemex Recovery Max
- ❖ Skid Weight: 280T

Sulphate Recovery Unit

- ❖ Owner: Petrobras P76
- ❖ Weight: 160T



Open Ground Flare Packages

- ❖ Include Header, Runner, Thermal Oxidizer, Preheater, Flare Stack



- ❖ Owner: Golden Pass LNG Terminal
- ❖ Project Name: Golden Pass LNG Export
- ❖ Weight: 2,700 Tons

Flare Gas Recovery Compression Skid



- ❖ Owner: Petrobras P75 & P77
- ❖ Weight: 67T

Ground Flare

- ❖ Owner: Fluor
- ❖ Project: Lyondell
- ❖ Weight: 297T



Thermal Oxidizer

- ❖ Owner: Exxon-SABIC
- ❖ Project: Chiyoda GYO Project
- ❖ Weight: 152T



Large Enclosed Ground Flare



- ❖ Owner: JG Summit
- ❖ Weight: 360T

Construction of Suction Piles



- ❖ Owner: Single Buoy Mooring
- ❖ Weight: 90MT/pile x 9

Maintenance, Servicing and Load-Out of Stock Buoy



- ❖ Owner: Single Buoy Mooring (SBM)
- ❖ Weight: 230MT

Procurement & Fabrication of Mid-Water Arch and Load-Out



- ❖ Owner: Bluewater
- ❖ Weight: 220MT

Merox Flare Stack and Liquid Seal



- ❖ Owner: Fluor USA
- ❖ Weight: 10T

Foundation Jacket Grillages on HTV



- ❖ Owner: Jan De Nul Group, Taiwan Power Company
- ❖ Project: Greater Changhua Project
- ❖ Weight: 1,470T

Vina Offshore Engineering's
Experience On:

Insulation & Jacketing Materials



Insulation Materials

Mineral Wool

Projects: Cepu • MPCL • Kasawari • Pemex • Lotte

Cellar Glass

Projects: MPCL • Kasawari • Barossa

PIR Cold Insulation

Projects: Kasawari

Aerogel Insulation

Projects: Petrobras P-82



Jacketing Materials

Aluminium

Projects: Cepu • MPCL • Pemex • Lotte

Stainless Steel

Projects: Kasawari • Petrobras P-82

Glass Reinforced Plastic

Projects: Kasawari

ULVA

Projects: Barossa

Projects Completed By:

Y.H.H Marine Engineering

Singapore

www.yhh-marine.com.sg/project-portfolio



Fabrication of Metering Skid



- ❖ Owner: CNOOC
- ❖ Project: Lufeng
- ❖ Skid Weight: 100T

Fabrication of LACT Metering Skid



- ❖ Owner: Murphy Oil
- ❖ Project: King's Quay GoM
- ❖ Skid Weight: 30T

Metering Skid



Fabrication of Metering Skid



❖ Owner: Perenco

Fabrication of FGRU (Flare Gas Recovery Unit) Skid



Pipe System Fabrication & Installation

- ❖ Owner: Maersk Oil
- ❖ Project: Culzean
- ❖ SS 316 and 6 Moly



Fabrication of Heavy Duty Overhead Cranes

❖ Turbine Crane, Waste Crane & Ash Crane



❖ Owner: Mitsubishi Heavy Industries & Hyflux

Platform Escape Tunnel



- ❖ Owner: Equinor
- ❖ Project: Johan Castberg
- ❖ Weight: 35T

Project Reference



FPSO Cidade de Maricá



FPSO Cidade de Saquarema

Project Reference



FPSO BP Angola



FPSO Aseng

Project Reference



FPSO Kaombo Norte



FPSO East Hub (Eni)

Project Reference



FPSO BW Catcher (M60)



ZADCO CPAU 08





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