



# Vina Offshore Engineering Company Presentation

<Revision 2025.02>

# Company Overview

- ❖ YHH Marine Engineering was established in Singapore in 2006.
- ❖ It is the parent company of Vina Offshore Engineering in Vietnam – a specialized fabrication yard.
- ❖ Vina Offshore has grown to become a major service provider in the Construction, Processing, Marine, Offshore and Onshore Oil & Gas industries.
- ❖ It has expertise on Structural, Piping, Electrical & Instrumentation (E&I), Insulation and Manufacturing Works for Compressor & Process Skids, Metering Skids, Thermal Oxidizers, Burners, Flare Stacks, Top-side Modules for FPSO, Petrochemical Plants and others.



# Quality and OH&S Policy

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- ❖ Continual improvement of our system for customer satisfaction.
- ❖ Protect the health, safety and prevent injury & ill health of all persons working under control of Vina Offshore.
- ❖ Comply with applicable legal requirements, other requirements and all relevant regulations related to safety and health at all times.
- ❖ Openly communicate all OH&S issues to all persons working under control of Vina Offshore.
- ❖ Ensure personnel who visit or work at clients' sites must comply with their health and safety requirements.
- ❖ Continually explore ways to improve OH&S management, performance and operations to reduce any known risks.

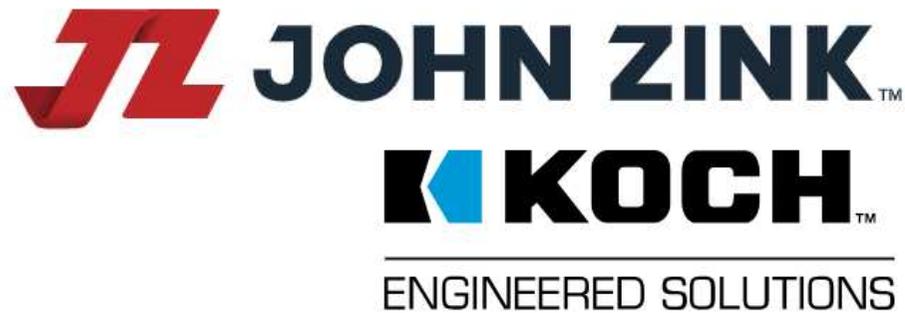


# Certification & Accreditation

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

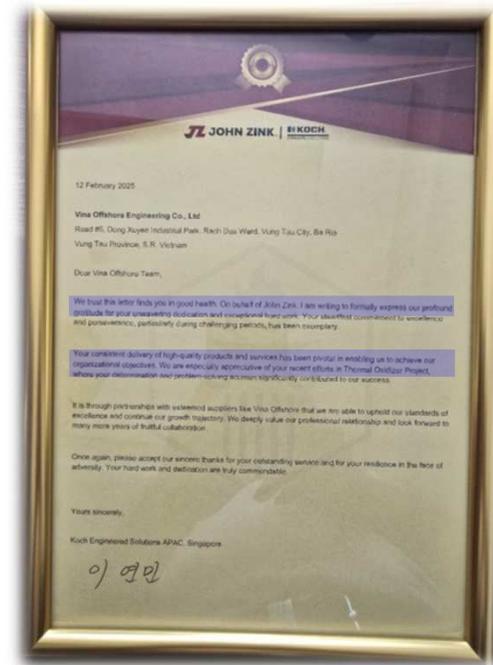


# Special Recognition



*“ ..... formally express our profound gratitude for your unwavering dedication and exceptional hard work ..... ”*

*“ ..... your consistent delivery of high-quality products and services has been pivotal in enabling us to achieve our organizational objectives .....”*

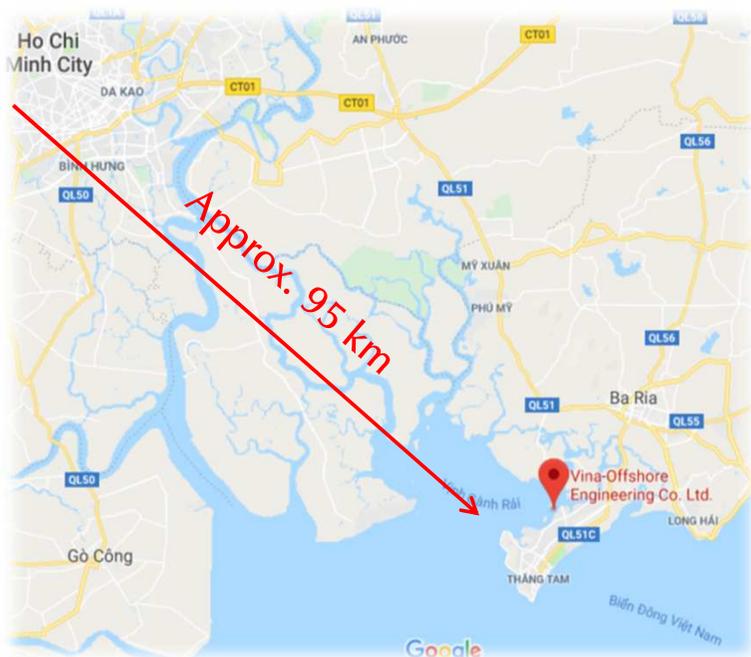


# Vina Offshore Engineering

- ❖ Leading fabrication and engineering company in Vietnam for Process Skids & Modules for the Marine, Offshore and Onshore Oil & Gas industries.
- ❖ Established in 1995 and 100% owned by Singapore's Y.H.H Marine Engineering since 2015.
- ❖ Purpose-built fabrication and engineering complex in Vung Tau (part of Ho Chi Ming City).
- ❖ Strategically located at the water edge with a load-out facility of 10 MT/ m<sup>2</sup> and 10,000 DWT jetty.
- ❖ Land Area: Over 60,000 m<sup>2</sup>.
- ❖ Workforce: Over 200.



# Vina Offshore - Vung Tau, Vietnam



- ❖ Area: 60,000 m<sup>2</sup>
- ❖ Ground Loading Capacity: 6N/cm<sup>2</sup> (60T/m<sup>2</sup>)

# Vina Offshore - Port Details



- ❖ Port Code: VNXTS
- ❖ Port Name: Vina Offshore
- ❖ Port Capacity: 10,000 DWT\*
- ❖ Mooring Capacity: Vessel Load Capacity of 10,000 DWT
  
- ❖ Jetty at Vina Offshore
- ❖ 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

\* As Designated

# Vina Offshore - Open Area

❖ 20T Gantry Crane



# Vina Offshore - Workshop No. 1

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

# Vina Offshore - Workshop No. 2 & 3



- ❖ Workshop No. 2
- ❖ Size: 15m (W) x 80m (L) x 9m (H)
- ❖ Overhead Crane: 2 x 10T

- ❖ Workshop No. 3
- ❖ Size: 25m (W) x 80m (L) x 9m (H)
- ❖ Overhead Crane: 2 x 10T

# Vina Offshore - Workshop No. 4

- ❖ Designated Stainless Steel Workshop
- ❖ Size: 18m (W) x 68m (L) x 9m (H)
- ❖ Overhead Crane: 1 x 10T and 1 x 5T



# Vina Offshore - Workshop No. 5 & 6

## Workshop 5

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

## Workshop 6

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



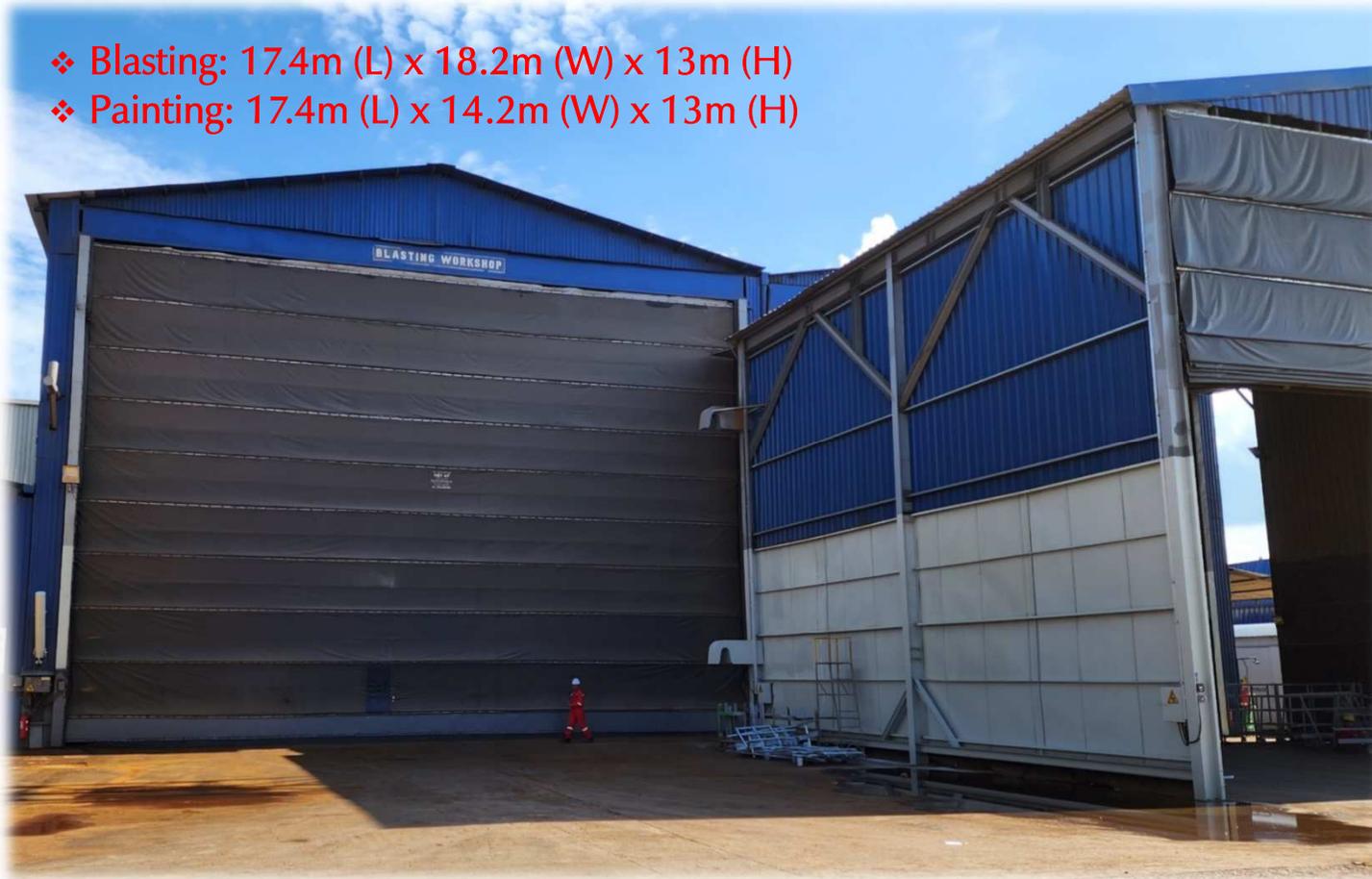
# Vina Offshore - Workshop No. 5 & 6 - Extension

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# 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

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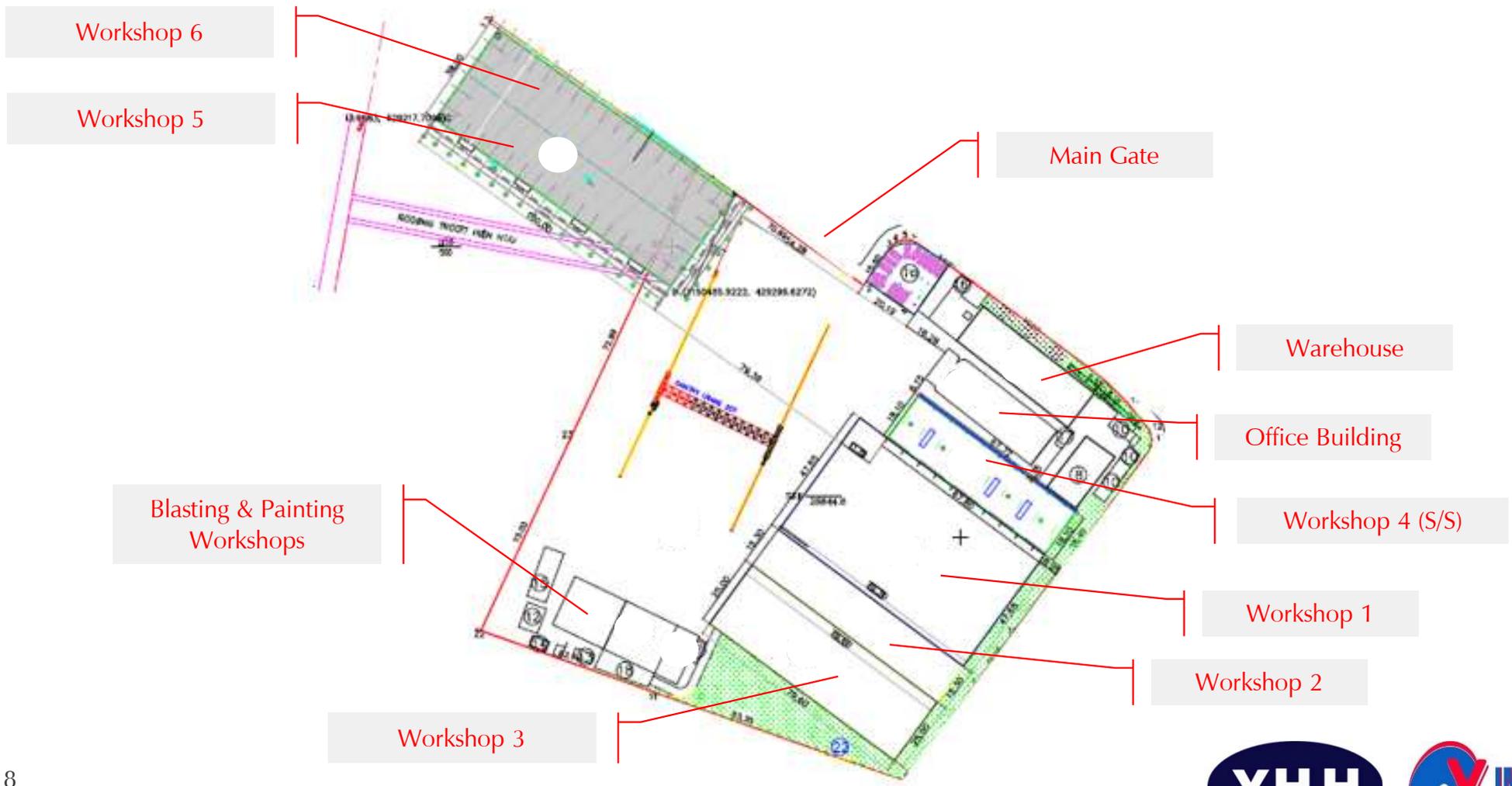




# Video Tour

- ❖ 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](http://www.yhh-marine.com.sg/project-portfolio)



# Multi Points HP Flare Tips



- ❖ Owner: Woodside
- ❖ Project: Pluto Site B
- ❖ Weight: 8T & 11T

# Steam-Assisted Flare Tips



- ❖ Type: XP-70 (70" Flange)
- ❖ Owner: ExxonMobil AP
- ❖ Weight: 20T

- ❖ Type: XP-30 (30" Flange)
- ❖ Owner: Singapore Refining Company
- ❖ Weight: 3T

# 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

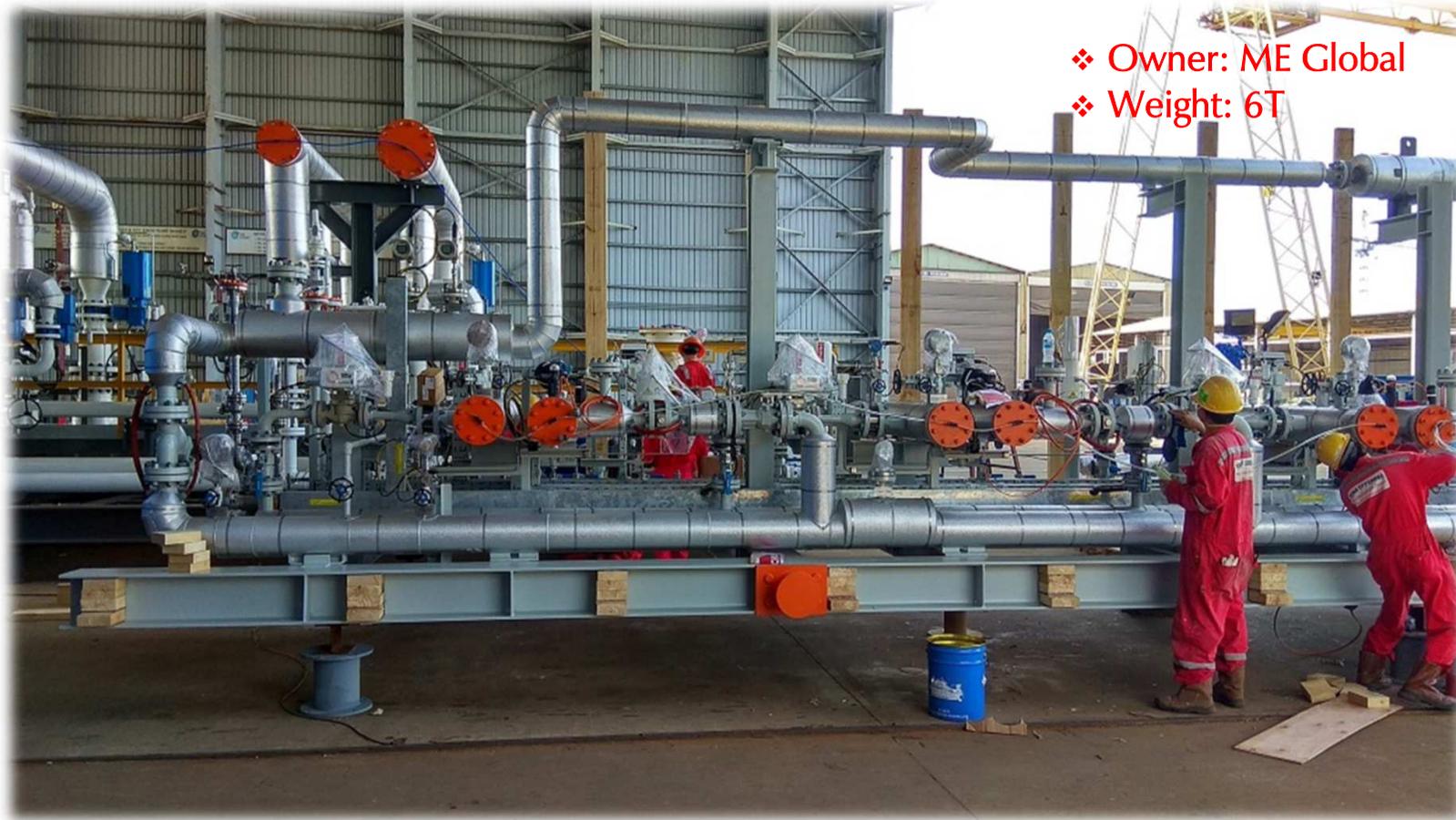


# 10-Bed Pressure Swing Adsorption (PSA) Skid

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



# 4-Bed Pressure Swing Adsorption (PSA) Skid



- ❖ Owner: ME Global
- ❖ Weight: 6T

# Membrane Skid



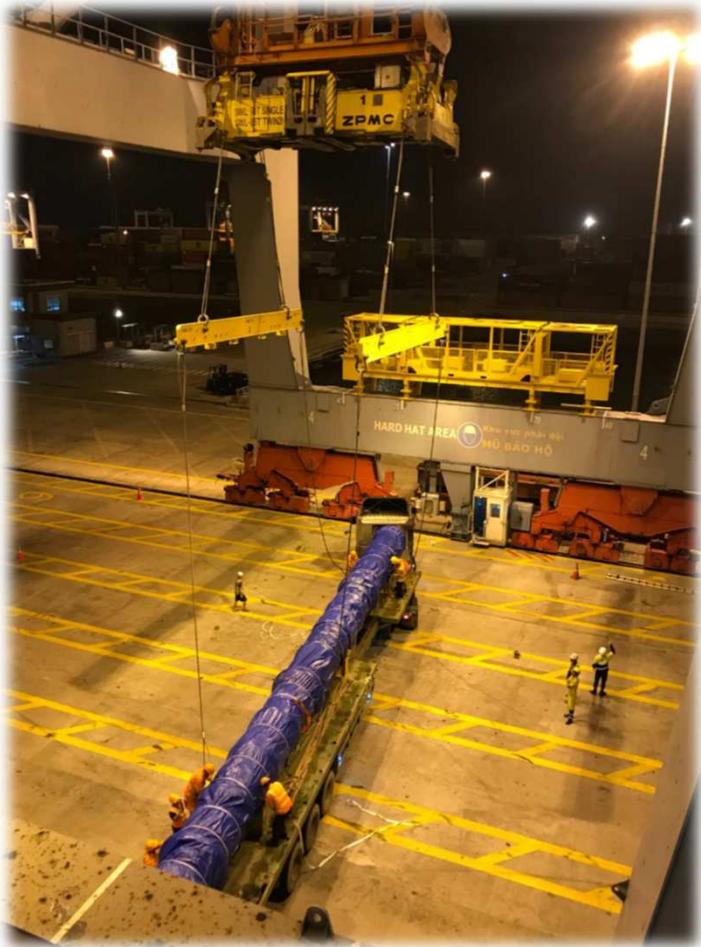
- ❖ Owner: Petrobras
- ❖ Project: FPSO Guanabara MV31

# Membrane Skid

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



# Thermal Oxidizer



# Membrane Skid



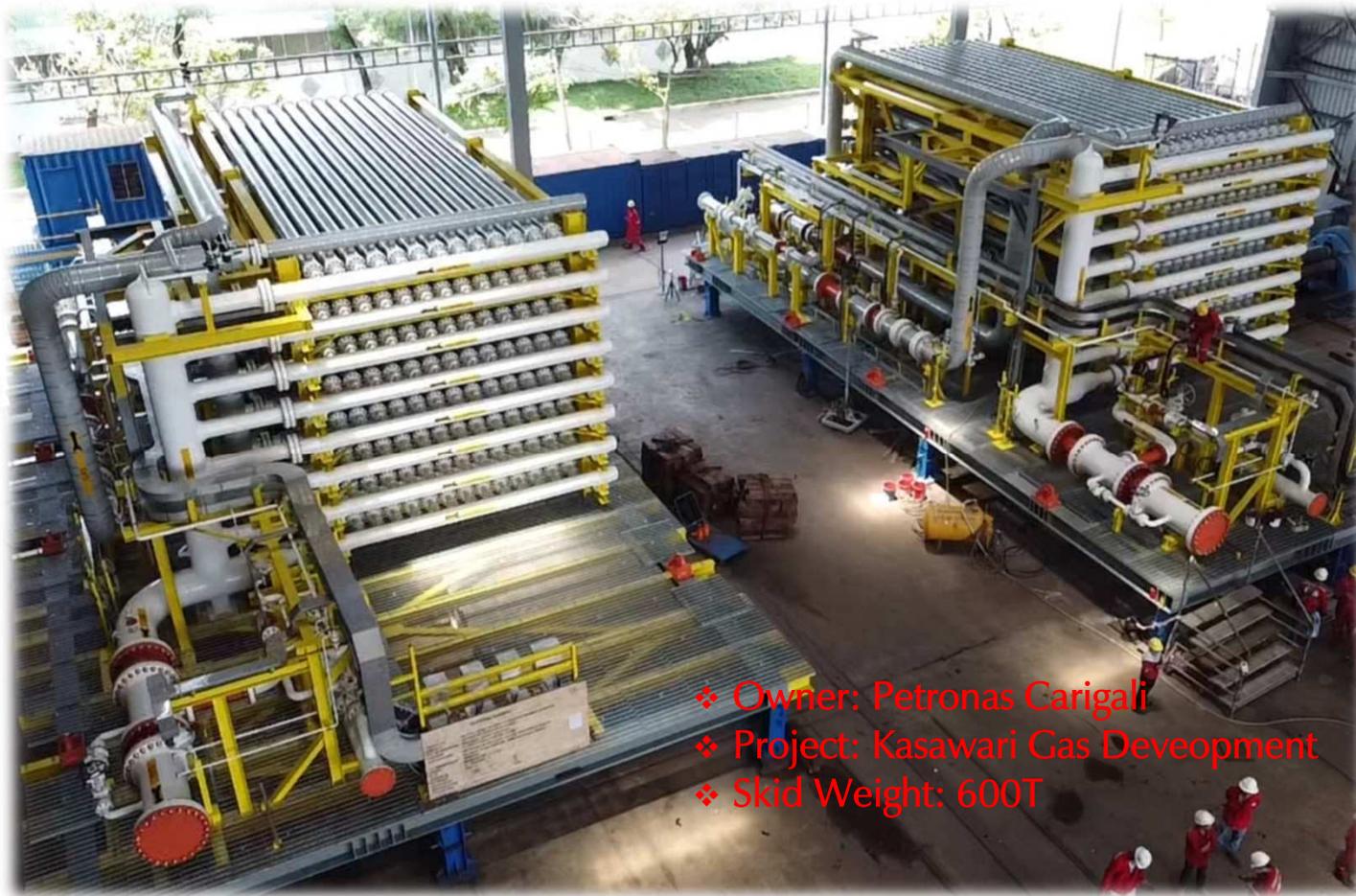
- ❖ Owner: Cepu-Pertamina
- ❖ Weight: 900T

# 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



# 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

# Mercox 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







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