



Deepwater



Conversion



Process Modules



Fixed Platforms



Marine Repair



Other Services

ABOUT US

Malaysia Marine and Heavy Engineering Holdings Berhad (MHB) is a globally trusted marine & heavy engineering solutions provider for a wide range of offshore & onshore facilities and vessels.



OUR SERVICES



Deepwater



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FACILITIES

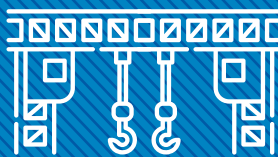
2 fully equipped yards in Pasir Gudang, Johor, MALAYSIA



Malaysia’s Largest
Fabrication Yard by Area
& Tonnage Capacity



One of the Largest Dry Docks
in South East Asia



2 x 600T
Goliath Cranes



Automated Cutting & Assembly
Workshop



Quayside & Finger Pier



Centralised Piping Workshop



Goliath Cranes



Floating Dock



Dry Docks

Fabrication Facilities

FACILITIES	INFORMATION & DIMENSIONS	
Annual Fabrication Capacity	129,700 MT	
Fabrication Area	542,380m ²	
Workshops	<ul style="list-style-type: none">Automated Cutting & Assembly WorkshopCentralised Piping WorkshopExotic Piping WorkshopAuto-Blast & Primer WorkshopCentralised Chemical Cleaning WorkshopCentralised Scheduled Waste Storage	
Skid Tracks & Bulkheads	MMHE West	MMHE East
	55,000 MT	25,000 MT
	40,000 MT	2 x 15,000 MT
	12,000 MT	5,000 MT
Dredge Level	-10m chart datum	
Finger Pier	300 (L) x 25 (W)	390,000 dwt
Cranes	4 x 250T Crawler Cranes 8 x 50T Rough Terrain Cranes 9 x Luffing Cranes 2 x 600T Goliath Cranes Capacity: Up to 80 MT	

Marine Repair Facilities

FACILITIES	INFORMATION & DIMENSIONS	
Dry dock 1	385m x 80m x 14m	Capacity: 450,000 dwt
Dry dock 2	270m x 46m x 12.5m	Capacity: 140,000 dwt
Dry dock 3 (under construction)	350m x 80m x 14m	Capacity: 400,000 dwt
Land berth 1	345m	
Land berth 2	345m	
Shiplift	188m x 33.8m x 8m	Capacity: 50,000 dwt
7 Quays / Berths	7 quays up to 369m	7m draft average
LNGC Repair Facilities	<ul style="list-style-type: none">Cryogenic workshop (750 m2 area)Invar welding centreGlobal test control roomsAcoustic and helium testing equipmentMobile cargo tanks monitoring instruments console	
Floating Dock (Kemaman Supply Base)	116m x 24m x 9m	Capacity: 6,500 MT

TRACK RECORD

01

Deepwater



Gumusut-Kakap Semi-Submersible Floating Production System (FPS)

Asia's Largest Offshore Deepwater Operating Facility

Client : Sabah Shell Petroleum Company
Weight : 39,000 MT
Location : Offshore Sabah, East Malaysia



Malikai Tension Leg Platform (TLP)

Malaysia's First Deepwater TLP Project

Client : Sabah Shell Petroleum Company
Weight : 27,500 MT
Location : Offshore Sabah, East Malaysia



Kikeh Truss Spar

Asia's First Deepwater Truss Spar

Client : Murphy Sabah Oil Company
Weight : 15,908 MT
Location : Offshore Sabah, East Malaysia

02

Fixed platforms



Tapis Enhanced Oil Recovery (EOR)

First Large Scale EOR Project in South East Asia

Client : ExxonMobil Exploration & Production Malaysia

Tapis-R	Tapis-Q
Weight:	Weight:
Topside : 18,000 MT	Topside : 2,300 MT
Bridge link from Tapis-R to Tapis-Q : 328 MT	
Bridge link from Tapis-Q to Tapis-B : 241 MT	

Location : Offshore Terengganu, Malaysia



SK316

Client : PETRONAS Carigali Sdn Bhd

CPP	WHP
Weight:	Weight:
Topside : 12,688 MT	Topside : 1,821 MT
Jacket : 9,480 MT	Jacket : 2,418 MT
Piles : 5,258 MT	Piles : 1,761 MT
	Bridge : 469 MT

Location : Offshore Terengganu, Malaysia



Bergading

Client : Hyundai Heavy Industries

CPP	WHP
Weight:	Weight:
Jacket : 7,993 MT	Topside : 1,118 MT
Piles : 3,748 MT	Jacket : 961 MT
	Piles : 824 MT
	Bridge : 211 MT

Location : North East of Kota Bharu within North Malay Basin, Malaysia

TRACK RECORD

03

Conversion



FPSO Cendor

Conversion of a tanker to an FPSO

Client : MISC Berhad

Location : Offshore Terengganu,
Peninsular Malaysia



FPSO Kikeh

Conversion of a tanker to an FPSO
for Malaysia's first deepwater field

Client : MISC Berhad / SBM

Location : Offshore Sabah,
East Malaysia



FSU Tenaga Satu

Rejuvenation, Life Extension &
Conversion (RLEC) of an LNG vessel
to an FSU

Client : MISC Berhad

Location : Melaka, Malaysia

04

Marine Repair



LNG Carrier Hyundai Aquapia

Dry docking and repair

Client : Hyundai Ocean Service
Co Ltd

Weight : 77,564 dwt



Ore Carrier Sea Beijing

Dry docking and repair

Largest Ore Carrier in the world

Client : STX Marine

Weight : 403,818 dwt



Pipelay Vessel Audacia

Repair & other services

Largest Pipelay Vessel in the world

Client : Allseas

Weight : 31,464 dwt

05

Process Modules



4 Modules Pyrolysis Furnace

Client : AGRA Birwelco ExxonMobil



MRU-Kerteh OGT

Client : PETRONAS Carigali Sdn Bhd

06

Other Services



OSX-3 Turret

Fabrication of a turret for OSX-3
FPSO

Client : Sofec Inc

Weight : 3,500 MT

Location : Campos Basin,
Offshore Brazil



Facilities Improvement Project

Brownfield (424 days)

Client : PETRONAS Carigali
Sdn Bhd



Kanowit Host Tie-in

Brownfield (82 days)

Client : PETRONAS Carigali
Sdn Bhd

CENTRE OF EXCELLENCE

A learning centre for oil & gas and marine industries

Equipped with training facilities which include simulator for confined space, areas & tools for scaffolding and an auditorium



Advanced **4-ACRE TRAINING CENTRE**
Located in Pasir Gudang, Johor, Malaysia



Learning process takes place in a
SAFE & CONTROLLED ENVIRONMENT



Training capacity of **135,000** mandays annually



Real & hands-on **EXPERIENCE**



ACCREDITATIONS & CERTIFICATIONS
by Relevant bodies



HIGHEST IN QUALITY & SAFETY CULTURE



QUALITY

We are passionate in delivering solutions with the highest quality to our customers



HEALTH

We promote the well-being of our people and our stakeholders by implementing numerous initiatives to create a culture of healthy living



SAFETY

We place safety as our foremost priority in our day to day operations to ensure **NO ONE GETS HURT**



ENVIRONMENT

Our operations are responsibly conducted to ensure that we can eliminate or reduce its impact on the natural and social environment



OHSAS 18001:2007 Certified

Occupational Health & Safety Management Systems

ISO 14001:2004 Certified

Environmental Management Systems

ISO 9001:2008 Certified

Quality Management Systems

For more information:

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