

# Business Profile

of EMNES METAL SDN BHD

# EMNES

Delivering Industry Standards

# 2023

PRODUCTS  
& SERVICES  
OVERVIEW



MEMBERS OF:





**Emnes Metal Sdn Bhd** Reg No 1057962-W  
**Emnes Capital Sdn Bhd** Reg No 1302777-U  
**Emnes Borneo Sdn Bhd** Reg No 1455785-W  
**Emnes Security Sdn Bhd** Reg No 1417676-M  
**Emnes Materials (B) Sdn Bhd** Reg No RC20004553  
**Emnes Energy & Marine Sdn Bhd** Reg No 1034709-H

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## | About **Emnes**

We're a well-oiled team of integrated project engineering and procurement services that specialises in building trust and confidence with our industry partners the world over. We do that by focusing more on just high quality products & services. We empower our team leaders to act like business owners, ensuring we best meet your expectations and foster future growth, together.

For more information about our organization, please visit [emnes.com.my](https://emnes.com.my)

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This material has been prepared for general informational purposes only and is not intended to be relied upon as engineering, construction, or other professional service. Please refer to our Sales Department for specific products / services.



Welcome to  
**Emnes Metal**



We believe **building relationships**  
is as important as building  
projects.



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| Our **Ethos**

# A global network of specialists at your service.



EMNES GROUP (EMNES) is a global network of specialists dedicated to being a reliable business partner and materials provider for the heavy industries.

## What sets us apart

We take the time to understand your unique needs. This collaboration helps us develop the best technical and material solutions for your challenges.

We then leverage the global footprint of our Material Services organization to supply you with high-quality production materials, asset preservation and repair solutions, specialist manpower and complete supply chain management solutions.

## Why you can rely on us

We understand the key to being a successful business partner; unfaltering reliability. That's why our primary goal is to ensure supply chain security, whether you're local or global. Our extensive market knowledge is matched only by our relentless dedication and focus on customer service that serves as the foundation of your continued success.





## | Our Markets

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### Oil & Gas

Our products & services include solutions that are specially fitted for onshore or offshore applications like confined space entry, emergency escape, lone workers, hot works, working at heights, shutdowns, gas and flame detection or fire-fighting and rescue.

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### Construction

We offer extensive construction services that include most civil & mechanical engineering work, from general building to specific refurbishment, repair, and maintenance.

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### Industrial

We provide specialist industrial support including protective industrial floor and paint coating, pipe insulation, fabrication, installation services and specialist manpower.



**Meet**

The architects  
of **your vision.**

Our spirit of collaboration starts from within. Each core member cultivates a group culture centred around leadership, accountability and dynamism. Driven by the mentality of 'Always Do More' to achieve our ambitions and yours.

our team





# We integrate **industry** & **teamwork.**

The biggest strength of our teams is the ability to effortlessly work as one machine to deliver on every requirement - be it standard or basic supply, trade or raw materials, custom fabrication or machined materials. Our highly reputable procurement team, supported by our logistics team are the No. 1 reason why we're known as experts and specialists in sourcing and delivering standard off-shelf items or exotic grade materials, proven by our impressive client delivery and timeline records.

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## Procurement Team

SCOPE OF WORK: **SUPPLY**

01

Upon being awarded a project, we utilize our vast network of stockists to source and obtain raw steel materials from globally renowned mills that meet your specific project requirements and schedule. We then hand it over to our Project Engineering Team, equipped with the necessary manpower and facilities to convert the raw steel materials into finished structural steel sections.

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## Project Engineering Team

SCOPE OF WORK: **CUSTOMIZING**

02

Our Engineers and Technicians will work closely with our customers and make every effort to bridge the gap between technical requirements and cost implications on even the most complex of projects. To guarantee success, our planning and purchasing departments meet once a week to ensure we stay within budget and technical constraints - for optimum client satisfaction.

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## Logistics Team

SCOPE OF WORK: **DELIVERY**

03

Our Engineers and Technicians will work closely with our customers and make every effort to bridge the gap between technical requirements and cost implications on even the most complex of projects. To guarantee success, our planning and purchasing departments meet once a week to ensure we stay within budget and technical constraints - for optimum client satisfaction.

## Key Clients

We build confidence through capability.

Our extensive expertise has helped us steadily build a proven track record of successful collaborations with local and global clients.



A member of UEM Builders



These fruitful partnerships have resulted in our rapid ascension and sustained involvement in several major projects.

## Key Milestones

**2012**

### INCEPTION

**2013**

### SUPPLY & DELIVERY OF IROD & U BOLT PIPE SUPPORT SYSTEMS

PROJECT: Laila Platform  
CLIENT: Sarawak Shell Berhad

**2014**

### SUPPLY & DELIVERY OF IROD & U BOLT PIPE SUPPORT SYSTEMS

PROJECT: Fabrication of D12DR-A Topside  
CLIENT: Sarawak Shell Bhd  
PROJECT: Permas (PR-PA) Topside  
CLIENT: Murphy Sarawak Oil Co. Ltd.

### SUPPLY & DELIVERY OF STRUCTURAL STEEL, PIPES & FITTINGS

PROJECT: EPCC Bertam Topside  
CLIENT: Lundin Malaysia B.V. Sdn Bhd

**2015**

### SUPPLY & DELIVERY OF IROD & U BOLT PIPE SUPPORT SYSTEMS

PROJECT: (PCC) of KNPG-B Topside Ph II, Kinabalu Non-Associated Gas (NAG) Development  
CLIENT: Petronas Carigali Sdn Bhd

**2016**

### SUPPLY & DELIVERY OF GRANITE AGGREGATE PACKAGE

PROJECT: Construction of Sultan Haji Omar Ali Saifuddien Bridge (Temburong Brunei)  
CLIENT: China State Construction & Engineering Corporation

### SUPPLY & DELIVERY OF A-JU EXPANSION JOINT

PROJECT: Bergading FSO, North Malay Basin  
CLIENT: EA Technique (Malaysia) Sdn Bhd

**2017**

### SUPPLY & DELIVERY OF CONSUMABLE HOLLOW SECTION OF VARIOUS SIZE & LENGTH

PROJECT: KL118 Development  
CLIENT: Samsung C&T Construction & Engineering Sdn Bhd

### SUPPLY & DELIVERY OF TUBULARS & STEEL PIPES OF VARIOUS SIZE & LENGTH

PROJECT: Rapid Pengerang (Package 3)  
CLIENT: Tecnicas Reunidas (M) Sdn Bhd

### SUPPLY & DELIVERY OF KERUING WOODEN BLOCK

PROJECT: Rapid Pengerang (Package 5)  
CLIENT: Hiap Seng Engineering (Thailand) Co. Ltd.

**2018**

### SUPPLY, PROCESSING, TESTING & DELIVERY OF STRUCTURAL TIMBER FOR JACKET LAUNCH CRADLE, LSF, JACKET BOAT LANDING & CRANE BOOM REST

PROJECT: EPCIC Pegaga Development  
CLIENT: Sapura Fabrication Sdn Bhd

### SUPPLY & TRAINING OF SELF SEALING REPAIR CLAMP FOR EXPANSION JOINTS

PROJECT: Bergading FSO, North Malay Basin  
CLIENT: Malaysia Marine Heavy Engineering and HESS Exploration & Production JV Sdn Bhd

### FABRICATION OF FIREMAN LOCKER FOR BERTAM PLATFORM

PROJECT: Bertam Platform  
CLIENT: E&P O&M Services Sdn Bhd

### SUPPLY, TESTING & DELIVERY OF AR-AFFF FIREFIGHTING FOAM CONCENTRATE

PROJECT: MTBE Emergency Response Centre (ERC)  
CLIENT: Petronas Chemicals MTBE Sdn Bhd

### SUPPLY & DELIVERY OF HIC PIPES & ALUMINUM PLATES

PROJECT: Rapid Pengerang (Package 3)  
CLIENT: Tecnicas Reunidas (M) Sdn Bhd

**2019**

### COMPLETE REFURBISHMENT OF RESCUE MODEL (SMOKE HOUSE)

PROJECT: CEFS Response Fire Training Ground, Kertih  
CLIENT: Petronas Group of Companies

### SUPPLY & INSTALLATION OF EPOXY FOR DECK LEVELING & RECTIFICATION ON ZETUNG WHA PLATFORM

PROJECT: EPCC+I FFFD Hess Phase 2 Facilities, North Malay Basin  
CLIENT: Sapura Fabrication Sdn Bhd

### SUPPLY, PROCESSING, TESTING & DELIVERY OF MUDMAT TIMBER

PROJECT: EPCI Of NWHPO1 Batch 1 Platform Jackets for Gallaf  
CLIENT: Sapura Fabrication Sdn Bhd

### SUPPLY & DELIVERY OF CARBON STEEL & STAINLESS STEEL PIPES & FITTINGS OF VARIOUS SIZES & LENGTH

PROJECT: Rapid Pengerang (P28B)  
CLIENT: Chiyoda CTCL Joint Venture

### SUPPLY & DELIVERY OF BALL / GATE / GLOBE VALVES OF VARIOUS SIZES

PROJECT: Rapid Pengerang (P28B)  
CLIENT: PRPC Refinery & Cracker

### SUPPLY & DELIVERY OF CARBON STEEL, STAINLESS STEEL & DUPLEX SS PIPES & FITTINGS OF VARIOUS SIZES & LENGTH

PROJECT: Rapid Pengerang (P28B)  
CLIENT: PRPC Refinery & Cracker

**2020**

### COMPLETE OVERHAUL OF 3000L, 9000L, 14000L FOAM BLADDER TANKS

PROJECT: MTBE TA2020  
CLIENT: Petronas Chemicals Mtbe Sdn Bhd

### SUPPLY, PROCESSING, TESTING & DELIVERY OF TIMBER FOR LOADOUT SUPPORT FRAME & LAUNCH CRADLE

PROJECT: Offshore Process Platform (CPP & LQ) for Development of KG-DWN-9B/2 Nelp Block  
CLIENT: Sapura Fabrication Sdn Bhd

### SUPPLY, PROCESSING, TESTING & DELIVERY OF MUDMAT TIMBER

PROJECT: EPCC+I FFFD Hess Phase 3 Facilities, North Malay Basin  
CLIENT: Sapura Fabrication Sdn Bhd

### SUPPLY & DELIVERY OF CORTEN PLATES

PROJECT: Mistral Vessel Repair & Maintenance  
CLIENT: Malaysia Marine Heavy Engineering

### SUPPLY OF 30 PAX SEMI SKILLED MANPOWER

PROJECT: ESB West Platform  
CLIENT: NGLTech Sdn Bhd

### SUPPLY & DELIVERY OF BALL VALVES OF VARIOUS SIZES

PROJECT: KNAG Platform  
CLIENT: UZMA Engineering Sdn Bhd & Petronas Carigali

**2021**

### SUPPLY & INSTALLATION OF FRONT & BACK GATES FOR FULL DEVELOPMENT

PROJECT: (1) PR1MA Pdg. Meha, (2) PR1MA Sg. Petani 1 & Sg. Petani 2  
CLIENT: Perbadanan PR1MA Malaysia

### INSTALLATION OF OFFSHORE PIPING PERSONNEL PROTECTION

PROJECT: (1) KNDP-A Platform, (2) KNDW-D Platform  
CLIENT: Repsol Oil & Gas Malaysia Ltd

### LEAK & STRUCTURAL REPAIR FOR SUSPENDED 50,000L WATER TANK

PROJECT: FGV Keratong Timur  
CLIENT: FGV Holdings Berhad

### MODIFICATION & BLASTING / PAINTING OF BOP

PROJECT: Velesto Naga 3 Offshore Platform  
CLIENT: Velesto Drilling Sdn Bhd

### SUPPLY & DELIVERY OF CUPRO NICKEL SEAMLESS PIPES

PROJECT: Plant Maintenance  
CLIENT: Malaysian Refining Company Sdn Bhd

### SUPPLY & DELIVERY OF STRUCTURAL MATERIAL

PROJECT: Mini Hydropower Plant Project (Kota Marudu Sabah)  
CLIENT: K Power Berhad

**2022**

### REPAIR ROLLER SHUTTER AT STATION A'S BAY

PROJECT: Repair Roller Shutter at Station A's Bay  
CLIENT: CEFS Response

### PROVIDE INTERNAL TANK RECOATING SERVICES WORKS FOR 1 UNIT AERATED TANK & 1 UNIT ANOTOXIC TANK

PROJECT: ABF Bintulu Turnaround 2022  
CLIENT: Olio Resources Sdn Bhd

### SUPPLY & DELIVERY OF MUDMAT TIMBER

PROJECT: Supply & Delivery of Mudmat Timber - Keruing - For Hess Phase 4A, North Malay Basin  
CLIENT: Sapura Fabrication Sdn Bhd

### CONSULT, DESIGN, SUPPLY, DELIVERY, INSTALL & TESTING, COMMISSIONING STEEL STRUCTURE PLATFORM FOR ANIMAL FEED PRODUCTION LINE AND ITS ASSOCIATED EQUIPMENTS

PROJECT: Steel Structure Platform for Animal Feed Production Line  
CLIENT: FGV Integrated Farming Sdn Bhd

### FABRICATION SKID

PROJECT: Supply of Metering Skids for Titanium NBL Outside Battery Limit (N-OSBL), Pengerang (Titanium Project)  
CLIENT: Khrona Malaysia

### WASTE SHELTER YARD

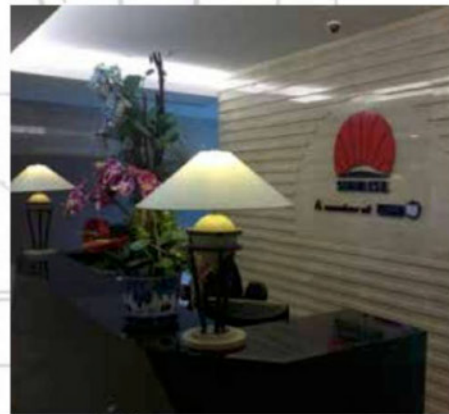
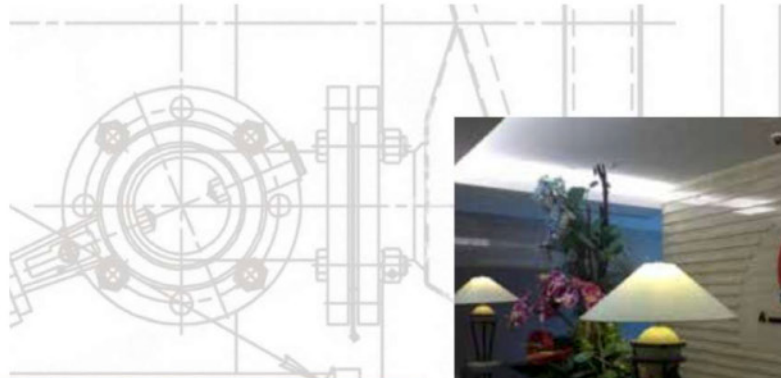
PROJECT: To Construct Waste Shelter Yard at Fire Training Ground  
CLIENT: CEFS Response

### SUPPLY & DELIVERY OF MAJOR GAS PIPELINE (CARBON STEEL & STAINLESS STEEL PIPES & FITTINGS)

PROJECT: Harum Manis - Kerteh Terminal Sdn Bhd  
CLIENT: Steel Hawk Berhad



Projects  
Renovation



RENOVATION WORKS FOR SUNRISE BHD  
HEAD OFFICE, KUALA LUMPUR



LAKEVIEW TERRACE BUSINESS MOTEL, JOHOR



REFURBISHMENT WORKS FOR KELANTAN MALL, KOTA BAHRU

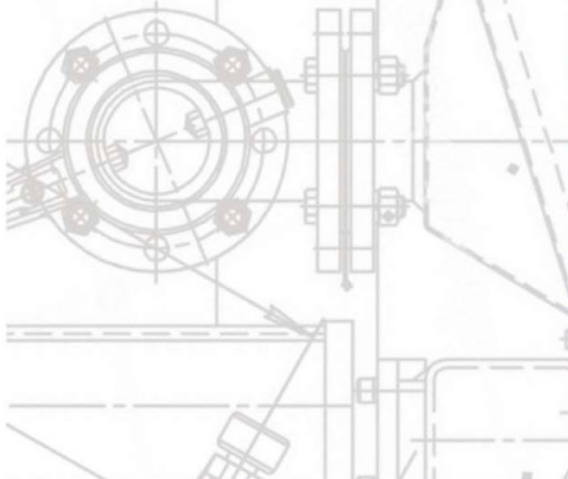
# Projects

## Renovation

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RENOVATION WORKS FOR BOLTON HEAD OFFICE, KUALA LUMPUR



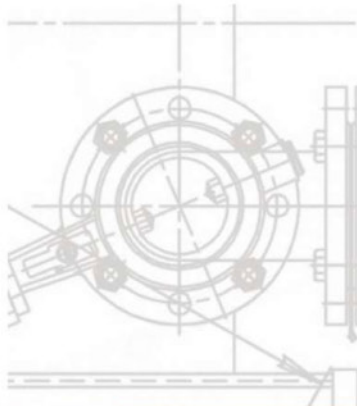
LAKEVIEW TERRACE BUSINESS MOTEL, JOHOR



CITRINE DEVELOPMENT AT MEDINI JOHOR



Projects  
Renovation



6 CEYLON SERVICED APARTMENT, KUALA LUMPUR



118 UNITS BUNGALOW, UKAY HEIGHTS, KL FOR SYMPHONY LIFE BHD



MASTER PLAN FOR SUNWAY MEDINI (693 ACRES), JOHOR



## Projects

### Renovation

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SHOW GALLERY FOR SUNWAY MEDINI, JOHOR



RENOVATION WORKS FOR  
KENCANA TOWER, KUALA LUMPUR

# Our Products



# We're committed to **supplying the best for you.**

Thanks to the continuous support of our customers all over the world, we've established ourselves as a renowned supplier of international grade metal products. Our key strengths include:



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**An extensive global network of providers.**



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**A proven track record of meeting delivery timelines & client satisfaction.**



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**Agile all-encompassing service, from customization, materials, logistics to swift on-site and off-site delivery.**



# Structural Material

## Structural Steel, Plates & Tubular

<b>Product</b>	Mild Steel/Stainless Steel and High Tensile Plates, Tubulars, Beams, Angle Bars, Flat Bars, Square Bars, Round Bars and Hollow Sections
<b>Specification &amp; Grade</b>	MS EN10025, BS EN10219, BS EN10210, ASTM/ASME A240/A240M, ASTM/ASME A276, S235JR, S275JR/JO/J2/J2H, S355JR/JO/J2/J2H/J2+N, ABS GR.A, ABS EN36, ABS EN36 Z35, DNV E36, API 2W GR.50, 304/304L, 316/316L



## Pipe, Fittings & Strainer

### Carbon Steel Pipe Fittings

- > Carbon Steel Elbow
- > WPHY 42 Fittings
- > WPHY 52 Fittings
- > WHY 56 Fittings
- > WPHY 60 Fittings
- > WHY 65 Fittings
- > WHY 70 Fittings
- > ASTM A234 WPB Fittings
- > ASTM A234 WPB Elbow
- > ASTM A234 WPB Tee
- > ASTM A234 WPB Reducer
- > ASTM A234 WPB End Cap
- > ASTM A234 WPB Bend
- > ASTM A420 WPL6 Fittings

### Hastelloy

- > Hastelloy Pipe Fittings

### Pipe Fitting

- > Flow Tee
- > Split Tee
- > Barred Tee
- > Miter Elbow
- > 90 Degree Miter Bend
- > Y Tee Pipe Fitting
- > Lateral Tee Fitting
- > Hot induction Bends
- > Pig Launcher & Receiver

- > Carbon Steel 5D Pipe Bend, SCH 5-SCH 160
- > Hot induction Bend, ANSI B16.49, SCH STD
- > 3L HDPE 5D Bend, 36 Inch, API 5L X60
- > Pipe Nipples
- > Pipe Tee
- > Pipe Elbow
- > 45 Degree Elbow
- > 90 Degree Elbow
- > 180 Degree Elbow
- > Butt Weld Long Stub End
- > Butt Weld End Caps
- > Butt Weld Reducing Tee
- > Butt Weld Short Stub End
- > Butt Weld Eccentric Reducer
- > Butt Weld Concentric Reducer
- > Forged Fittings
- > Butt Weld Equal Tee
- > Pipe Bend
- > Pipe Coupling
- > Seamless 5D Bend, ASTM A312 T P304H DN400
- > Stainless Steel Bend, 5D, DI15-DN1800
- > 7D Pipe Bend, Carbon Steel, Stainless Steel
- > 3D Bend, Stainless Steel ASTM A234, A403
- > Socket Weld Fittings
- > Threaded Pipe Fittings

### IBR Products

- > IBR Pipe
- > IBR Pipe Fittings

### Inconel

- > Inconel Pipe Fittings
- > Inconel Forged Fittings

### Monel

- > Monel Pipe Fittings
- > Monel Forged Fittings

### Alloy Steel

- > Alloy Steel Fittings

### Stainless Steel

- > Stainless Steel Fittings

### Y Strainer

- > Cast Iron Y Strainer
- > Carbon Steel Y Strainer
- > Stainless Steel Y Strainer

# Forged Flanges

## Specification & Grade

As per A.N.S.I. B16.5 / BS.3293 / MSS-SP-44 / API-605 & API-6A  
NACE MR0175, ASTM A262 Practice E, PMI Test

### Carbon Steel:

- > ASTM A105 / ASME SA 105N
- > ASTM A350 Grade – LF2, LF3
- > A36 / SS400 PN 10, 16, 40

### Stainless Steel:

- > ASTM A105 / ASME SA 105N
- > ASTM A350 Grade – LF2, LF3
- > A36 / SS400 PN 10, 16, 40

## Wall Thickness / Schedule

SCH STD, SCH20, SCH30, SCH40, SCH60, SCH80, SCH100, SCH120, SCH140, SCH160, SCH XS, SCH XXS & Special Wall Thickness

## Type

Welding Neck / Blind / Slip On / Threaded / Socket Weld / Lap Joint / Orifice / Long Welding Neck / Spectacle Blind

# Valves

## Gate Valve

- > Cast Iron Gate Valves
- > Carbon Steel Gate Valves
- > Stainless Steel Gate Valves

## Butterfly Valve

- > Cast Iron Butterfly Valves
- > Carbon Steel Butterfly Valves
- > Stainless Steel Butterfly Valves

## Globe Valve

- > Cast Iron Globe Valves
- > Cast Steel Globe Valves
- > Stainless Steel Globe Valves

## Check Valve

- > Cast Iron Check Valve
- > Carbon Steel Check Valve
- > Stainless Steel Check Valve

## Ball Valve

- > Cast Iron Ball Valve
- > Carbon Steel Ball Valve
- > Stainless Steel Ball Valve

## Knife Gate Valve

- > Cast Iron Knife Gate Valve
- > Carbon Steel Knife Gate Valve
- > Stainless Steel Knife Gate Valve

# Exotic Materials

We also stock and supply Gate Valves / Globe Valves / Check Valves / Ball Valves, Gaskets, Structural Steels, Plates and project supply for Pipes, Fittings, Flanges & Valves of:

- > API 5L Grade X60, X65, X70, X80, PSL 1, PSL 2
- > Stainless Steel: 304H, 358, 309, 310S, 316H, 317L, 321, 321H, 347, 347H, 410, 446, 904L
- > Ni-alloy: N04400, N06600, N06625, N08800, N08810/11, N08825 & Hastelloy
- > Titanium: ASTM B337, Grade 2
- > Cu-Ni: 70/30, 90/10, 66/30/2/2
- > Coating: PE/ PP/ FBE/ Galvanising





## Our Services





## Mechanical & Piping Engineering

- > Conceptual Studies
- > Front End Engineering Design
- > Detail Design
- > Preparation of Engineering Specifications
- > Equipment Sizing, Datasheet & Specifications
- > Preparation of Drawings
- > Stress Analysis
- > Material Selection Studies
- > HVAC (Domestic, Marine and Industrial Sector)
- > Equipment Layout Studies
- > Piping Layout Studies
- > Pressure Vessel Design & Modification
- > Firefighting Facilities
- > Preparation of WPS & PQR



## Civil & Structural

- > Conceptual Studies
- > Detail Design
- > Buildings & Infrastructure Design
- > Foundation Design
- > Pipe Rack Design
- > Road & Drainage
- > Produce Drawings
- > Architectural Design
- > Modification to the Existing Facilities



## Construction

- > Conceptual Studies
- > Detail Design
- > Buildings & Infrastructure Design
- > Foundation Design
- > Pipe Rack Design
- > Road & Drainage
- > Produce Drawings
- > Architectural Design
- > Modification to the Existing Facilities

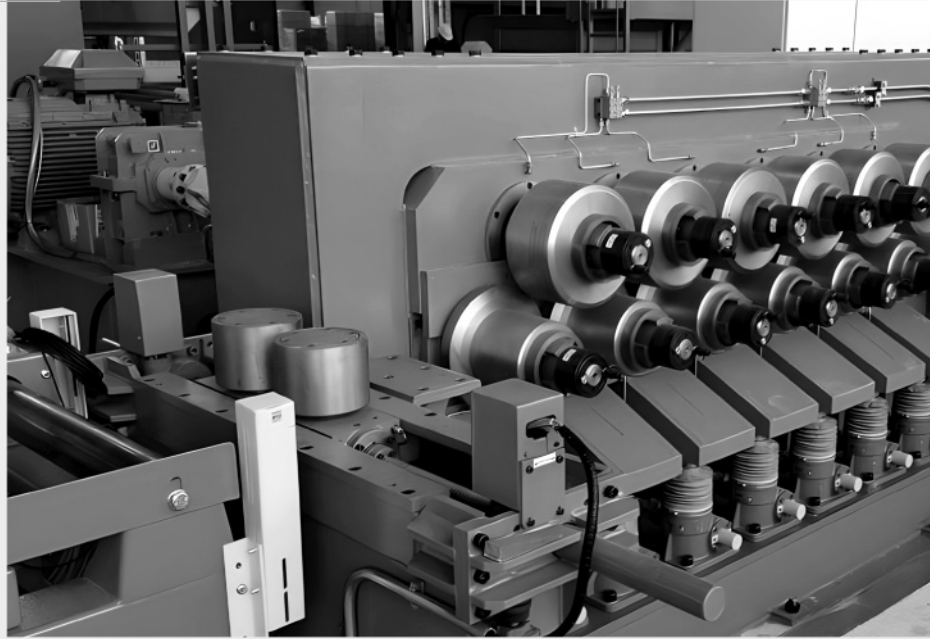


# | Pipe/Tube Straightening

## Cross Roll Type

**GMT 6/10 DRIVE CROSS ROLL tube straightening machines** are designed to handle tubes of outer diameter from 6 mm to 170 mm in different models. These machines are based on the well proven rotary pressure and deflection principle of straightening, which gives a very high degree of straightening ranging from 1 mm to 0.3 mm in 1000 mm.

The rolls are mounted in pairs and are driven by two identical motors through totally enclosed gear boxes and box and universal spindle couplings.



## Features

- ✓ 6/10 work rolls arranged in pairs.
- ✓ Two identical motors driving top and bottom rolls, fixed/variable speed.
- ✓ The machine can easily and quickly be set when changing from one size of tube to another.
- ✓ Tube can be straightened accurately without surface blemishes.
- ✓ As the tube is retained between each pair of rolls, no guides are required to control the pass of the tube.
- ✓ Machines can be supplied with manual, semi-automatic and automatic handling systems.
- ✓ Machines can be supplied with pressure sensing units.

## Specifications

Model	Normal Maximum Diameter (mm)	Minimum Diameter (mm)	Normal Maximum Wall (mm)	Maximum Diameter Admitted (mm)	Normal Operating Speed Meters Per Min.		
					Single	Two	Variable
GMT-TSM 65	65	13	6	100	75	120	120
GMT-TSM 75	75	16	6	114	75	120	120
GMT-TSM 114	114	20	8	140	75	120	120
GMT-TSM 140	140	50	12	169	30	60	60

## “On-Site” Field Coating System

**Polyken Pipeline Coatings** are used in virtually every pipeline coating application, but nowhere has their success been more apparent than in on-site field installations in Malaysia.

In addition to being less complicated than hot coating and providing a more uniform coating, the Polyken system represents a far smaller investment in men and equipment. For example, on a 1000 mile run of 30 inch pipe, an on-site application of primer, polyethylene-backed adhesive tape coating, and polyethylene outerwrap can be accomplished with a 60% cost reduction and at a rate of two to three miles of coated pipe per day.

Polyethylene, chosen primarily for its chemical stability, provides maximum protection against both chemical and electrolytic corrosion and offers excellent resistance to abrasion, shrinkage, cold, heat, pressure, bending and stretching.

## Some of the Polyken Products We Offer

### POLYKEN #980 SERIES PRIMARY COATING

#### BASIC USE:

Polyken #980 is a primary coating system incorporating polyethylene backing with a butyl rubber-based adhesive to assure high bond to primed steel pipe. It is designed for machine application and delivers excellent conformability when applied over seamed, spiral welded or extruded pipe.

#### PRODUCT ADVANTAGES:

##### ✓ Proven Performance

#980 is one of the Polyken field coatings that have grown up with the pipeline industry over the past half of a century.

##### ✓ Unparallel Adhesion

The special butyl rubber adhesive system on Polyken #980 is unequalled for high adhesive bonds to primed steel. Equally important, the adhesive system is laminated to the polyethylene film backing to assure a totally integrated corrosion protection system.

##### ✓ Maximum Corrosion Protection

Available in a variety of thicknesses to meet the most hostile terrain and climatic conditions, #980 provides in-ground or aboveground pipelines with optimum electrolytic and moisture resistance.

##### ✓ Ease of Application

Polyken #980 provides a uniform lap, superior bond, and optimum conformability under controlled tension. The result is a uniform, reproducible, consistent coating over the entire length of any size pipe.

### POLYKEN #955 SERIES PIPELINE OUTERWRAP

#### BASIC USE:

Polyken #955 is a protective pipeline outerwrap that is used where a complete bond of outerwrap to tape is specified. Because it is a polyethylene film with a bonding adhesive, it stays with the tape and never disappears or disintegrates. The adhesive assures a complete bond and eliminates the need for tie-downs on the outerwrap.

#### PRODUCT ADVANTAGES:

##### ✓ Proven Performance

Polyken #955 is one of a family of Polyken outerwraps that have proven themselves on pipelines throughout the world over the past fifty years.

##### ✓ Tight Bond

The recommended outerwrap wherever a complete bond to tape is required. Tough, pressure sensitive adhesive means the outerwrap bonds and stays permanently.

##### ✓ Ease of Application

Engineered to achieve a taut, smooth machine wrap over a wide range of primary coatings, Polyken #955 is the first choice when an adhesive bond of the outerwrap to the primary coating is specified.



## POLYKEN #930 SERIES FITTINGS INNERWRAP

### BASIC USE:

A heavy-duty joint-wrap tape, Polyken #930 is designed for hand wrapping field joints, fittings, ells, tees, valves & flanges. Its extreme conformability at temperatures as low as -34 Degrees Celsius makes #930 ideal for smooth, tight, totally protected joints. A butyl rubber adhesive assures excellent aging and high adhesion. No heat is required during or after wrapping. Polyken #930 has no bothersome inner liner to complicate the wrap. The low-density polyethylene backing assures corrosion and abrasion resistance as well as high dielectric strength and high moisture resistance.

### PRODUCT ADVANTAGES:

#### ✓ Proven Performance

Polyken #930 is one of a family of accessory products used by major pipeline contractors the world over. It is engineered to deliver maximum pipeline protection while requiring a minimum of application skill.

#### ✓ High Conformability

The extreme flexibility of the butyl rubber adhesive and Polyethylene film of Polyken #930 assures a totally protected, smoothly hand-wrapped joint, fitting, tee or ell.

#### ✓ Optimum Corrosion Protection

#930 Joint Wrap utilizes a polyethylene film with a butyl rubber adhesive system to deliver impact resistance to rocks and backfill as well as maximum dielectric strength and moisture resistance.

#### ✓ Ease of Application

Polyken #930 is cold applied. You need only apply the Polyken primer, then wrap #930 over the primed area.







## Chemical Injection Skid

Chemical Injection Skids (CIS) is an integrated system used to dose and inject various chemicals into different pipelines at various conditions. In the Oil and Gas industry this helps to increase production, reduce corrosion and to improve the process. High level of accuracy is required for the dosing system because of the environmental and financial reasons. Based on the flow/pressure requirements and various chemicals used, the metallurgy and the design of the skid changes.

It is basically composed of different components such as, Chemical Injection Pumps (API 675), Chemical Storage Tanks, Safety Valves (API 520/526), Isolation Valves, Instruments, Piping & Structural frames.

## Metering Skid

A metering skid is a part of a production plant/system that is pre-assembled on a steel structure, engaged in the measurement of gas/liquid products. It can be installed at the onshore or offshore location based on the requirement. Although several process parameters are measured, the primary variable to be measured is the flow rate. Depending on the specific technology and user specifications, the measured flow rate can be a mass flow rate or a volumetric flow rate.

Our metering applications cover both upstream, downstream and transportation operations, including production facilities off-shore and on-shore, transmission and distribution pipelines, refineries, loading and offloading terminals, including import and export and storage facilities, such as tank farms for oil, gas and liquified natural gas. In short, the metering systems can be used for all major types of transportable hydrocarbons- crude oil, natural gas and LNG, condensate, LPG, naphtha, gasoline, diesel, fuel oil etc.

# Our Corporate Profile



<b>Corporate Name</b>	Emnes Group Malaysia			
<b>Date of Establishment</b>	August 2013			
<b>Products &amp; Services</b>	<p>We provide materials and services for the Oil &amp; Gas / Petrochemical, Industrial &amp; Construction, as well as Marine sectors; focusing on the following areas:</p> <table> <tr> <td> <p><b>SUPPLY:</b></p> <ul style="list-style-type: none"> <li>&gt; Structural Material</li> <li>&gt; Pipe, Fittings &amp; Strainer</li> <li>&gt; Forged Flanges</li> <li>&gt; Valves</li> <li>&gt; Exotic Materials</li> </ul> </td> <td> <p><b>SERVICE:</b></p> <ul style="list-style-type: none"> <li>&gt; Construction</li> <li>&gt; Pipe/Tube Straightening</li> <li>&gt; Polyken</li> <li>&gt; Fabrication</li> </ul> </td> </tr> </table>		<p><b>SUPPLY:</b></p> <ul style="list-style-type: none"> <li>&gt; Structural Material</li> <li>&gt; Pipe, Fittings &amp; Strainer</li> <li>&gt; Forged Flanges</li> <li>&gt; Valves</li> <li>&gt; Exotic Materials</li> </ul>	<p><b>SERVICE:</b></p> <ul style="list-style-type: none"> <li>&gt; Construction</li> <li>&gt; Pipe/Tube Straightening</li> <li>&gt; Polyken</li> <li>&gt; Fabrication</li> </ul>
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<b>Key Operating Subsidiaries</b>	<p><b>Emnes Metal Sdn Bhd</b> 1057962-W  <b>Emnes Energy &amp; Marine Sdn Bhd</b> 1034709-H  <b>Emnes Materials (B) Sdn Bhd</b> RC20004553</p>	<p><b>Emnes Capital Sdn Bhd</b> 1302777-U  <b>Emnes Borneo Sdn Bhd</b> 1455785-W  <b>Emnes Security Sdn Bhd</b> 1417676-M</p>		
<b>Registered Address</b>	<p><b>MAIN OFFICE</b>   D1-3A-01/03/09, Publika Solaris Dutamas, No. 1, Jalan Dutamas 1, 50480 Kuala Lumpur, MY  <b>BRANCH OFFICE</b>   A9-1 Jalan IM7/19, Bandar Indera Mahkota, 25200 Kuantan Pahang, MY</p>			
<b>Principal Banking</b>	<p><b>MALAYAN BANKING BERHAD</b>   Branch: Mutiara Damansara, Petaling Jaya  <b>HONG LEONG BANK BERHAD</b>   Branch: Publika Shopping Gallery, Solaris Dutamas  <b>CIMB BANK BERHAD</b>   Branch: Solaris Mont Kiara, Solaris Dutamas</p>			
<b>Key Management Team</b>	<p><b>AHMAD MUSTAQIIM AHMAD FAUZI</b>   Group CEO / Managing Director  <b>AFIF AIZUDIN DAUD</b>   General Manager</p>			
<b>Company Secretaries</b>	<p><b>ADIB AZHAR &amp; CO.</b>   No. 13-2, Jalan USJ 9/5P, 46720 Subang Jaya, Selangor, MY</p>			
<b>Auditors</b>	<p><b>ADIB AZHAR &amp; CO.</b>   No. 13-2, Jalan USJ 9/5P, 46720 Subang Jaya, Selangor, MY</p>			
<b>Solicitors</b>	<p><b>ZARKASYA &amp; CO.</b>   Unit 112, TTDI Adina Shop Office, Jalan Judo 13/45, Seksyen 13, 40100 Shah Alam, Selangor</p>			



# Certifications



## KEMENTERIAN KEWANGAN MALAYSIA

### SIJIL AKUAN PENDAFTARAN SYARIKAT BUMIPUTERA

N O. SIJIL : BPI0343293683088625  
 N O. RUJUKAN PENDAFTARAN : 357-0002297765  
 TEMPOH SAH LAKU : 09/11/2021 - 25/11/2024

Bahawa dengan ini diperakui syarikat :

EMNES METAL SDN. BHD. ( 1057962-W )  
 D1-3A-1 & 3, SOLARIS DUTAMAS  
 NO.1, JALAN DUTAMAS 1  
 W.P. KUALA LUMPUR  
 50480 KUALA LUMPUR  
 WILAYAH PERSEKUTUAN KUALA LUMPUR, MALAYSIA

Telah diiktiraf sebagai Syarikat Bumiputera oleh Kementerian Kewangan Malaysia. Taraf Bumiputera bukannya hak dan boleh ditarik balik sekiranya syarikat gagal mematuhi syarat/kriteria yang ditetapkan. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Sijil Akuan Pendaftaran Syarikat Bumiputera (Lampiran C).

L1

DATO' ZAMZURI BIN ABDUL AZIZ  
 Perbendaharaan Malaysia Semananjung  
 b.p. Ketua Setiausaha Perbendaharaan  
 Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 01/11/2021

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)



## KEMENTERIAN KEWANGAN MALAYSIA SIJIL AKUAN PENDAFTARAN SYARIKAT

N O. SIJIL : K10343293683057645  
 N O. RUJUKAN PENDAFTARAN : 357-0002297765  
 TEMPOH SAH LAKU : 01/11/2021 - 25/11/2024

Bahawa dengan ini diperakui syarikat :

EMNES METAL SDN. BHD. ( 1057962-W )  
 D1-3A-1 & 3, SOLARIS DUTAMAS  
 NO.1, JALAN DUTAMAS 1  
 W.P. KUALA LUMPUR  
 50480 KUALA LUMPUR  
 WILAYAH PERSEKUTUAN KUALA LUMPUR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub-bidang seperti di Lampiran A. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasa oleh syarikat bagi urusan perolehan Kerajaan adalah seperti berikut :

ENCIK AHMAD MUSTAQIM BIN AHMAD FAUZI : 830605715027 PENGARAH

L1

DATO' ZAMZURI BIN ABDUL AZIZ  
 Bahagian Perolehan Kerajaan  
 b.p. Ketua Setiausaha Perbendaharaan  
 Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 01/11/2021

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)



PETRONAS

### LICENSE TO SUPPLY PRODUCT/SERVICE TO EXPLORATION AND OIL/GAS COMPANIES IN MALAYSIA

In exercising the powers conferred by Section 7, Petroleum Development Act 1974 and in accordance to Regulation 7 of the Petroleum Regulations 1974, delegated to me by the Prime Minister of Malaysia, I hereby issue the license under Regulation 7 of the Petroleum Regulations for the purpose of the above to:

Certificate generated at: 20/04/2022

EMNES METAL SDN. BHD. (1057962W)  
 C-43-2, PUSAT KOMERSIAL ARIFA BINTANGSRIKSYEN USJ/150 SHAH ALAM, SELANGOR.

Details of License are as follows:

Company's No : 1057962W  
 Type of Company : License  
 Duration of License : 28/03/2022 - 20/09/2023  
 License Fee : RM 150.00  
 Category of Product/Service : As attached in CATEGORIES OF LICENSE / REGISTRATORY

Special Conditions in respect to this license -  
 Subject to the special conditions as attached

General requirements of this License are as stated in the next page.

Please Licensee Must Apply For Renewal 4 Months Before The Expiry Date.

#### PETRONAS LICENSE GENERAL CONDITIONS

- Company is required to register, obtain a license, permit or authorization from the relevant authority to carry out the services or supply of product or material used in company's operations and activities.
- This license is not transferrable to any company/other party.
- This license will be revoked if the company is found to be in the process of liquidation, winding up or dissolution.
- Company shall inform PETRONAS on any changes related to company's position such as equity ownership, board of directors and management staff within Business Unit days. Failure to do so may result in revocation of License.
- Company should take immediate action to adhere to the special conditions imposed on status in the appendix of the PETRONAS license certificate and to inform PETRONAS on the progress of its action.
- Company is not allowed to take another company as principal, agent, sub-contractor or otherwise to provide any service or supply of any facility, fittings or equipment on its behalf without prior written consent from PETRONAS.
- Company shall allow PETRONAS representation for the inspection visit / site / company audit and review / copies of documents and interviewing employees and related parties.
- Sub-contract work to another contractor without written permission from PETRONAS.
- Reject any contract or tender awarded.
- Existing or upcoming contract or tender during the license suspension period.
- Provide false, inaccurate or misleading information.
- Does not follow tender's regulations and ethics including but not only limited to sending person per letters, bribery or bribery.
- Engaged in any inappropriate activities with this License.
- According to Act 9, Petroleum Act 1974, a person who initiates or continues any business or contract providing services as mentioned in Act 9 without a license or do not comply with any condition of the license is committing a crime and can be fined not exceeding RM200,000.00 (Two Hundred Ringgit) or imprisonment for a period not more than three (3) years or both and in respect of each continuous crime, it is subject to further fine of RM1,000.00 (One Thousand Ringgit) for every one (1) day or any part of one (1) day which the offence continues after the first conviction is recorded.
- This approval is not an agreement/guarantee that your company will be called to participate in a tender or quotation of PETRONAS or its subsidiaries.



TENAGA NASIONAL

Dengan ini disahkan bahawa

EMNES METAL SDN. BHD.  
 D1-3A-1 & 3, SOLARIS DUTAMAS  
 NO. 1, JALAN DUTAMAS 1  
 W.P. KUALA LUMPUR  
 50480, KUALA LUMPUR, WILAYAH PERSEKUTUAN

Telah berdaftar dengan Tenaga Nasional Berhad sebagai  
**Pembekal & Kontraktor Perkhidmatan**  
 di bawah kategori yang tercatat dalam sijil ini

070101, 070102, 090101, 090102, 090201, 120601, 120602, 220504, 220507, 220601, 221001, 221002, 221003\*\*\*

#### BUTIR-BUTIR PENDAFTARAN

NO PENDAFTARAN TNB : 3057400  
 NO PENDAFTARAN SYARIKAT : 1057962W  
 NO SIJIL KEMENTERIAN KEWANGAN : K10343293683057645  
 TEMPOH SAHLAKU SEHINGGA : 25.11.2024  
 TARAF : BUMIPUTERA  
 LAIN-LAIN PENDAFTARAN : PPK0000/2021.

Tarikh tempoh sahlaku pendaftaran ini adalah tertakluk kepada tempoh sahlaku Pendaftaran sijil-sijil Kementerian Kewangan (KK), Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) dan sijil-sijil profesional yang berkaitan.

Amir Mahmud bin Abdullah  
 Ketua Pegawai Perolehan  
 Bahagian Procurement & Supply Chain  
 Tenaga Nasional Berhad  
 Tarikh kelulusan : 11.03.2022

Ini adalah cetakan komputer dan tidak memerlukan tandatangan.




**COMPANIES ACT 2016  
(ACT 777)**

**CERTIFICATE OF INCORPORATION  
OF PRIVATE COMPANY**

This is to certify that

**EMNES METAL SDN. BHD.  
201301028132 (1057962-W)**

is, on and from the 13<sup>th</sup> day of August 2013, incorporated under the Companies Act 1965, and that the company is a company limited by shares and that the company is a private company.

Dated at **KUALA LUMPUR** this 13<sup>th</sup> day of August 2013.




**NOR AZIMAH BINTI ABDUL AZIZ**  
REGISTRAR OF COMPANIES  
MALAYSIA

MY2111165788240  
Scan to verify

*A copy or extract issued pursuant to Section 601(2).*

MYDATA  
Date: Tue Nov 16 12:19:29 2021  
Printing Date: 16/11/2021  
This certificate is generated from MYDATA SSM Services as at 16/11/2021 12:19:29  
MENARA SSM@SENTRAL, NO.7, JALAN STESEN SENTRAL 5, KUALA LUMPUR SENTRAL, 50470 KUALA LUMPUR.  
TEL : 03-2299 4400 FAX : 03-2299 4411



**PERAKUAN PENDAFTARAN**

Adalah dengan ini diperakui bahawa kontraktor yang dinyatakan di bawah ini telah berdaftar dengan Lembaga mengikut Bahagian VI Akta Lembaga Pembangunan Industri Pembinaan Malaysia 1994. Pendaftaran ini adalah tertakluk kepada syarat-syarat yang telah ditetapkan bersama perakuan ini.

No. Pendaftaran : 0120210528-SL075673  
 Name Kontraktor : EMNES METAL SDN. BHD.  
 Alamat Berdaftar : D1-3A-1 SOLARIS DUTAMAS NO.1 JALAN DUTAMAS 1  
 50480 KUALA LUMPUR  
 WILAYAH PERSEKUTUAN KUALA LUMPUR  
 Daerah : KUALA LUMPUR  
 Tarikh Mula Berdaftar : 01/06/2021

GRUP	KATEGORI	PENGGHJUSUSAN
G5	B	B04
G5	CE	CE21
G5	ME	M15

Tarikh Mula Berkuatkuasa : 06/06/2021  
 Tarikh Habis Tempoh Perakuan : 01/06/2023  
 STATUS: BARU

*[Signature]*

Ketua Eksekutif  
 Lembaga Pembangunan Industri Pembinaan Malaysia  
 Tarikh: 06/06/2021



**CERTIFICATE**

**FGV HOLDINGS BERHAD**<sup>800165-P</sup>  
 (Formerly known as Felda Global Ventures Holdings Berhad)

**VENDOR REGISTRATION DECLARATION**

REGISTRATION REFERENCE NO. : B-0212202000028-02  
 VALIDITY PERIOD : 02/12/2020 - 02/12/2023

It is hereby acknowledged that the vendors set out below have been registered with FGV HOLDINGS BERHAD and are eligible to participate in quotation / tender offers at FGV Group Companies.

**NAME AND REGISTERED ADDRESS.**

**EMNES METAL SDN. BHD.** (Company No. : 1057962-W)  
**C-43-2, PUSAT KOMERSIAL ARENA  
 BINTANG SEKSYEN US**

**CATEGORY CODE IS AS FOLLOW :**

CATEGORY CODE	DESCRIPTION	GRADE
04 - Perkhidmatan	08 - Lain-lain Perkhidmatan	

Important:  
 Application for renewal of certificate shall be made at least 30 days before the expiry date of the certificate.



Issued Date: 02/12/2020



**Certificate of Registration**

This is to certify that the

**QUALITY MANAGEMENT SYSTEM**

of  
**EMNES METAL SDN BHD  
 EMNES ENERGY & MARINE SDN BHD**

D1-3A-01/03/09, Publika Solaris Dutamas, No. 1, Jalan Dutamas 1, Kuala Lumpur, 50480, MALAYSIA

for  
**Provision of Material Supply, Installation and Commissioning to Oil & Gas  
 Industry**

has been assessed and registered against the provisions of

**ISO 9001:2015**

International Standard

with

Registration Number: 64Q21796  
 Project: 2-21796-1-Q  
 Cycle Start Date: 20 July 2022  
 Approval Date: 20 July 2022  
 Issue Date: 20 July 2022  
 Expiry Date: 20 July 2025

Certification Approved By:  
 Doug Page-Symonds  
 Chief Executive Officer

*[Signature]*



This certificate remains the property of GCL International Ltd. Registration is subject to the Scheme Rules which are published on www.gcl-intl.com. Any misuse, alteration, forgery or falsification is an unlawful act. Please validate the authenticity of this certificate by visiting www.gcl-intl.com or email to certification@gcl-intl.com

GCL INTERNATIONAL LTD  
 Level 1, Devonshire House, One Moyle Place, London, W1J 8AA, United Kingdom.



SN: 80026023  
 PIN: 87225515

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**WEB**

[www.emnes.com.my](http://www.emnes.com.my)  
[www.emnesmetal.com](http://www.emnesmetal.com)

**CONTACT**

+603 6419 6441 / 6442  
[sales@emnesmetal.com](mailto:sales@emnesmetal.com)

**ADDRESS**

D1-3A-01/03/09, Publika Solaris Dutamas,  
No. 1, Jalan Dutamas 1, 50480 Kuala Lumpur