

Business Profile

of EMNES ENERGY & MARINE 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
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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**

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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.

A black and white photograph of two workers in safety gear walking away from the camera on an industrial platform. The worker in the foreground is wearing a dark jacket with 'EMNES' and 'Delivering Industry Standards' on the back, a white hard hat, and safety glasses. The worker in the background is wearing a light-colored jumpsuit with 'sap' on the back, a white hard hat, and a tool bag. The background shows complex industrial structures, pipes, and scaffolding.

Welcome to
Emnes Energy & Marine

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



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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



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.



Construction

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



Industrial

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



Fire Rescue

We provide world-class firefighting systems and premium fire protection products including but not limited to foam concentrates and foam equipment, dry powders, agents and dispersants, foam bladder tank services.

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.

Procurement Team

01

SCOPE OF WORK: **SUPPLY**

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.

Project Engineering Team

02

SCOPE OF WORK: **CUSTOMIZING**

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.

Logistics Team

03

SCOPE OF WORK: **DELIVERY**

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 Saifuddin 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 NWHP01 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-98/2 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) KNPD-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

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:



An extensive global network of providers.



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



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

| Timber



Timber Exporter & Manufacturer

The wholesale export of lumber, timber logs, sawn timber, and other building material to overseas international market for commercial and residential builders as well as durable quality Malaysia hardwood for outdoor structures and landscaping.

| Heavy Hardwood

- > Balau (Shorea Spp) **850-1155 kg/m³**
- > Red Balau (Shore Spp) **850-1155 kg/m**
- > Merbau Palembangica (Intsia Palembangica) **515-1040 kg/m**
- > Keranji (Dialium Spp) **755-1250 kg/m**
- > Kekatong (Cynometra) **880-1155 kg/m**



| Medium Hardwood

- > Kempas (Koompassia Malaccensis) **770-1120 kg/m³**
- > Kulim (Scondrocarpus) **640-975 kg/m**
- > Kasai (Pometia Spp) **735-915 kg/m**
- > Simpoh (Dillenia Spp) **675-815 kg/m**
- > Sepetir (Sindora Spp) **530-785 kg/m**
- > Tualang (Koompasia Excelsa) **800-865 kg/m**
- > Keruling (Dipterocarpis Spp) **691-945 kg/m**
- > Mata Ulat (Kokoona Spp) **895-1055 kg/m**
- > Gerutu (Parashorea Spp) **640-770 kg/m**
- > Melunak (Pentace Spp) **530-755 kg/m**
- > Merpauh (Swintonia Spp) **640-880 kg/m**
- > Kapor (Dryobalanops Spp) **575-815 kg/m**
- > Mengkulang (Hennitiera Spp) **625-895 kg/m**
- > Rengas (Gluta Spp) **640-960 kg/m**
- > Keledang (Artocarpus Spp) **495-945 kg/m**

| Light Hardwood

- > Bintagor (Callophyllum Spp) **485-865 kg/m**
- > Durian (Coelenstegia Spp) **420-800 kg/m**
- > Yello Meranti Shorea Spp (Richetia Spp) **575-735 kg/m**
- > Red Meranti (Shorea Spp) **560-865 kg/m**
- > Gerongsang (Cratoxylum Spp) **360-610 kg/m**
- > Ramin (Gonstylus Spp) **530-785 kg/m**
- > Sesendok (Endospermum Spp) **305-655 kg/m**

Foam Concentrates

The extensive line of EMNES Foam Products is unique for their knockdown efficiency, superior burn back resistance and eco friendly quality. They include the finest foam concentrates for both Class A and Class B fire types.

01. **Aqueous Film Forming Foam (AFFF)**
02. **Alcohol Resistant AFFF (AR-AFFF)**
03. **Protein & Fluoroprotein**
04. **FFFP/AR-FFFP**
05. **HI-EX**
06. **Class A**
07. **Fluorine Free**
08. **Training Foam**



Foam Equipment

EMNES ENERGY & MARINE is a global supplier of Foam Equipment with customers across continents and in all market sectors. Our product range covers all types of synthetic as well as protein-based foams for all markets.

Handline Nozzles

Handline nozzles provide a wide range of flexible flow control options. Ideal for use with AR-AFFF, AFFF and Class A foam concentrates, our handline nozzles achieve superior foam expansion for quick knockdown and extinguishment.

Foam Generators

Foam Generators (FCH *-250 are designed to expand foam solution into millions of tiny bubbles in which the foam solution is expanded in volume to a range of 200:1 to 450:1 approximately depending on the generator selected, solution flow rate, foam concentrate and the operating pressure.



Bladder Tanks

Bladder Tanks are one component in a balance pressure foam proportioning system. It requires no external power other than water pressure to ensure correct operation. Both vertical and horizontal bladder tanks are designed and constructed in accordance with the latest revisions to ASME code.

Proportioning is the introduction of foam concentrate into a flowing water stream to produce a foam solution. These systems provide dependable and cost-effective foam fire protection for a variety of flammable / combustible hazard areas and because water is the primary operating medium, they are easy to operate and maintain.

Balanced Pressure Proportioning System when coupled with FIRECHEM Aqueous Film Forming Foam (AFFF) or Alcohol Type Concentrate (ATC) is a system specifically designed for the protection of flammable liquid hazard.

Foam Chambers

Designed to introduce expanded foam directly onto the surface of a flammable or combustible liquid for fire extinguishment and / or vapour suppression. It increases the effectiveness of the foam blanket, resulting in more efficient operation and greater extinguishing capabilities.

Classified as Type II discharge device in accordance with NFPA Standard 11, foam chambers deliver low expansion foam directly onto the fuel surface with a minimum foam submergence and fuel agitation. Foam chambers have the added advantage of directing all their flow directly onto the surface regardless of weather conditions. Foam chambers have a long history of timely and safe control of numerous incidents.



| Expansion Joint



Expansion Joint is used to prevent damage and deformation of ship's onboard pipes which inflate in response to temperature and pressure.

Type	Short Type, Long Type, Sleeve Type
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Material	FCD, Stainless Steel, CU-NI
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Size	JIS, ANSI 40A~1000A
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| Sight Glass



Sight Glass is fitted to the pipeline and used to check the state of the fluid.

Type	Standard Type, Light Type, Welding Type
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Material	FCD, BC, Stainless Steel, SS400, FC
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Size	25A~500A
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| Strainer



Strainer refers to the filtration with metal mesh structure. It is installed in discharge line to prevent infiltration of foreign matters, such as sand, rust, metal trash, etc., into each device.

Type	Welding-Strainer (S,LA,LB), Water-Strainer (S,LA,LB), Oil-Strainer (S,LA,LB), Mud-Box (S, L), Y-Strainer
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Material	FCD, FC, SS400, Stainless Steel
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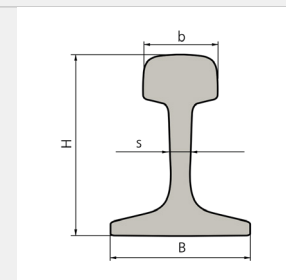
Size	50A~500A
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Direct head-hardened railway rails type R65 category DT350 for general interchange applications. Direct head-hardened railway rails type R65 for special applications:

- > **DT350SS category:** rails designed for speeds up to 250 km/h, intended for application primarily in the high speed combined traffic lines. Enhanced-geometry rails;
- > **DT350NN category:** rails for ultra low temperature applications primarily intended for operation in subzero climatic regions;
- > **DT370IK category:** rails of high wear resistance and contact fatigue endurance for applications in 600-m and shorter railway curves;
- > **DT400IK category:** rails of enhanced wear resistance and contact fatigue strength for applications in tangent tracks for speeds up to 200 km/hour and curves with no tonnage restrictions;
- > **DT350VS category:** rails for high-speed passenger traffic.

Main Rail Dimensions

Rail Type	Reference Document	H (mm)	B (mm)	b (mm)	S (mm)
R65	<ul style="list-style-type: none"> > GOST R 51685-2013 > TU 0921-276-01124323-2012 > TU 0921-293-05757676-2016 > TU 24.10.75.111-298-05757676-2017 	180	150	0.20-0.80	18



Steel Chemical Composition

Rail Type	Steel Grade	Reference Document	Element Mass Fraction (%)							
			C	Mn	Si	V	Cr	P	S	Al
								Not to Exceed		
DT350	E76HF	> GOST R 51685-2013 > TU 0921-276-01124323-2012 > TU 0921-293-05757676-2016 > TU 24.10.75.111-298-05757676-2017	0.71-0.82	0.75-1.25	0.25-0.60	0.03-0.15	0.20-0.80	0.020	0.020	0.004
DT350SS										
DT350NN	E76HAF		0.83-0.95			0.08-0.15	0.20-0.60			
DT370IK										
DT3400IK	E76HF		0.71-0.82			0.03-0.15	0.20-0.80			
DT350VS										

Mechanical Properties

Rail Type	Reference Document	Ultimate Resistance (N/mm²)	Yield Stress / Yield Point (N/mm²)	Elongation (%)	Area Reduction (%)	Impact Strength (J/cm²)	Hardness on the Running Surface (HB)		
		Not to Exceed							
DT350	> TU 0921-276-0112432 3-2012 > GOST R51685-2013 > TU 0921-293-057576 76-2016 > TU 24.10.75.111-298-0 5757676-2017	1,240	800	9.0	25.0	15	363 to 401		
DT350SS									
DT350NN'		1,300	870		14.0		370 to 409		
DT370IK									
DT3400IK		1,350	900		18		400 to 450		
DT350VS		1,180	800		25.0		352 to 405		

Product length: 12.5 m and 25 m, with or without bolt holes, 100-m rails without bolt holes.



Our **Services**

Specializing in polymer industrial flooring systems, structural repairs, water proofing, tank lining and other specialty protective coatings.

Products We Carry

Epoxy

- > AQUAREX 1001 (PDS)
- > AQUAREX 1001 AS (PDS)
- > AQUAREX 1001 NWB (II) (PDS)
- > AQUAREX EPH (PDS)
- > AQUAREX NG (PDS)
- > AQUAREX SNG (PDS)
- > CEMFLOR MBS (PDS)
- > COLORFLAKE ML (PDS)
- > CTE 4 (PDS)
- > DURAFLOR ET (PDS)
- > DURAFLOR NWB 21 (PDS)
- > DURAFLOR PT (PDS)
- > DURAFLOR SC UNDERLAY (PDS)
- > DURAFLOR SL (2K) (PDS)
- > DURAFLOR SL (HC) 2K (PDS)
- > DURAFLOR SL 1 (PDS)
- > DURAFLOR SL 2 (PDS)
- > DURAFLOR SL 500 (PDS)
- > DURAFLOR SL AS (HC) (PDS)
- > DURAFLOR SL AS (PDS)
- > DURAFLOR SL COLORQUARTZ (PDS)
- > DURAFLOR SL METALLIC (PDS)
- > DURAFLOR SL MT (MULTI TONES) (PDS)
- > DURAFLOR SL NG (PDS)
- > DURAFLOR SL WC (PDS)
- > DURAGARD 104 (PDS)
- > DURAGARD VE 98 (PDS)
- > EPOCOTE 104 SP (HC) (PDS)
- > EPOCOTE 104 SP (PDS)
- > EPOCOTE 104 SP AS (PDS)
- > EPOCOTE 104 UW (PDS)
- > EPOCOTE 106 HB (PDS)
- > EPOCOTE 106 HB DUAL TONE (PDS)
- > EPOFIX 708 (PDS)
- > EPOFIX 711 EPNO (PDS)
- > EPOFIX 712 GP (PDS)
- > EPOFIX 712 LV (PDS)
- > EPOFIX 712 LW (PDS)
- > EPOFIX 713 EPIS (PDS)
- > EPOFIX 713 EPIS (UW) (PDS)
- > EPOLINE 139 (PDS)
- > EPOLINE 139 Anti Slip (PDS)
- > RUSTGARD 107 (PDS)

Acrylic

- > D LINE 302 (PDS)
- > D PRIME 301 SB (PDS)
- > D TOP 300 S (PDS)
- > FLORAX 3001 AS (PDS)
- > FLORAX 3001 PLUS (PDS)
- > GLASCRETE (PDS)

Zinc

- > EPOZINC 258 (PDS)

PU

- > CEMGUARD HB 500 R (PDS)
- > CEMGUARD HB 500 (PDS)
- > CEMGUARD HB 500 ANTISLIP (PDS)
- > CEMGUARD HB 500 AS (PDS)
- > DECKLINE 500 WB (PDS)
- > DURADECK (PDS)
- > DURAPOL 500 (PDS)
- > DURAPOL 500 ANTISLIP (PDS)
- > DURATHANE 506 SP (PDS)
- > DURATHANE 515 (PDS)
- > HYDRAFOAM PU (PDS)
- > HYDRASEAL (PDS)
- > S-CRETE HF (PDS)
- > S-CRETE MF (PDS)
- > S-CRETE MF AS (PDS)

Others

- > CEMBOND (PDS)
- > CEMPROOF CERAMIC (PDS)
- > CRYSTAL SEAL (PDS)
- > CRYSTAL SEAL LQ (PDS)
- > PVC COAT 400 WB (PDS)
- > SD FORMULA (PDS)
- > TC COAT (PDS)

Bladder Tank



Bladder Tanks are one component in a balance pressure foam proportioning system. It requires no external power other than water pressure to ensure correct operation. Both vertical and horizontal bladder tanks are designed and constructed in accordance with the latest revisions to ASME code.



Single Tote Foam Trailer



CET fire Pumps manufacturers a variety of foam trailers from 150 to 2,000 gallons. These versatile trailers are ideal for use in Industrial, commercial, municipal and forestry environments. Foam trailers provide a very effective tool for airport fuel storage and power plant installations.

Fireman Lockers



Specially designed locker for firemen's clothing, with helmet holder on top and door. Many possibilities for individual adaptation to specific requirements.

Width of Cabinet (mm)	400	800	1200
Column Width (mm)	400	400	400
Internal Dimensions HxW (mm)	1660 x 330	1660 x 330	1660 x 330
Type BS Flat Top	BS 11-4055	BS 21-4055	BS 31-4055
Type BSS Sloping Top	BSS 11-4055	BSS 21-4055	BSS 31-4055



Furmanite



Maintenance & Repair

- > Hot Tap & Line Intervention
- > On Stream Repair
- > Field Machining
- > Bolted Joint Integrity
- > Isolation & Weld Testing

Integrated Solutions

- > Touch Point Corrosion

Heat Treating

- > Electrical Resistance
- > Induction
- > Combustion

Inspection

- > Conventional NDT
- > Advanced NDT
- > Robotic Inspection Solutions
- > Tank Inspection & Engineering

Rope Access

- > Rope Access Inspection
- > Rope Access Maintenance & Repair

Turnaround Solutions

Manufacturing Capabilities

Valve Solutions

- > Pressure Safety
- > Process Isolation & Control
- > Digital Solutions

Mechanical Integrity

Emissions Control

- > Monitoring & LDAR
- > Greenhouse Gas Control
- > Methane Reduction Solutions
- > Optical Imaging

| Flushing

Extending the life of turbines, engines, and other industrial equipment often boils down to simply ensuring contaminants in your lubricants are below ISO recommended levels. 70% of damage to industrial equipment is caused by degraded lubricants allowing hidden contaminants to wear on machinery internals. Starting with a clean system and keeping the oil clean through regular lube oil flushing services and maintenance are the keys to keeping machinery running for a long time.

EMNES's team of certified technicians offers turnkey High Velocity Oil Flushing (HVOF) and other lube oil cleaning services. Lubrication oil systems and hydraulic oil systems can both be cleaned with this service. EMNES will provide an engineered flushing plan, onsite technicians, and all required equipment to complete the flush safely and efficiently. A key part of the services includes providing onsite particulate testing equipment as well as independent lab testing to verify contaminant levels. Our comprehensive solutions remove contaminants, correct moisture levels, eliminate varnish, and fully degrease and pickle equipment. We are one of the leading lube oil flushing companies in America and can help you save money on lubricants and extend your equipment life.

| APRS - Piping Insulation (Fabrication & Installation)

We fabricate and install the exact specifications required according to your nominated classifications, and use the right materials and insulations method to cut down on your energy bills & maintenance.

Our latest project

Project: KNDP-A & KNDW-D PLATFORM

End User: REPSOL Oil & Gas Malaysia Ltd

Package: Fabrication & Installation of Personnel Protective Caging System (Hot Insulation Package)

What we specialize in

✓ Cold Insulation

We use premium quality flexible, moldable insulation materials for thermal bridging to combat condensation buildup. This highly reinforces our closed cell structure to avoid wicking, and water vapour barrier to prevent metal degradation.

✓ Hot Insulation

We adhere to strict manufacturer suggestions and use high-grade pre-molded fiberglass for temperatures less than 160°C, and high-grade silica or ceramic temperatures near or above 500°C.

✓ Personal Protection Insulation

We apply burn and freeze protection insulation, with fully insulated personal protection insulation for pipes operating above 200°C, and condensation (anti-sweat) protection for piping and equipment operating below 27°C.



Offshore Water Ponding & Deck Levelling

An expert in deck levelling, Emnes Energy and Marine Sdn. Bhd. uses Duraflor EM (R), a specially formulated epoxy that incorporates an incredibly light filler to address water ponding problems. For uneven metal deck surfaces, The Duraflor EM (R) is a patented formulation that offers a seamless, ultra-lightweight surface.

Cement-based self-leveling epoxy is the classic solution for Deck Levelling issues, however it is relatively heavy for applications on Offshore or Marine Vessels.





Our services include:

01

Site visits to measure and assess the time and expense needed to level a deck.

02

Before spraying Duraflor EM (R), clean the surfaces and make sure they're dry enough and free of debris, grease, and filth.

03

Before applying a Duraflor EM (R), trowel applied to level off water ponding portions.

04

To make sure the levelling is enough to route the water to the open drains, a water ponding test is performed.

05

Applying paint or anti-slip grit to the levelled deck.

Our Corporate Profile



Corporate Information

Corporate Name	Emnes Group Malaysia	
Date of Establishment	August 2013	
Products & Services	<p>We provide materials and services for the Oil & Gas / Petrochemical, Industrial & Construction, as well as Marine sectors; focusing on the following areas:</p> <div> <div> <p>SUPPLY:</p> <ul style="list-style-type: none"> > Timber > Foam Concentrates > Foam Equipment > Expansion Joint > Sight Glass > Strainer > Railways </div> <div> <p>SERVICE:</p> <ul style="list-style-type: none"> > Polymer > Bladder Tank > Single Tote Foam Trailer > Fireman Lockers > Furmanite > Flushing > APRS - Piping Insulation </div> </div>	
Key Operating Subsidiaries	<p>Emnes Metal Sdn Bhd 1057962-W</p> <p>Emnes Energy & Marine Sdn Bhd 1034709-H</p> <p>Emnes Materials (B) Sdn Bhd RC20004553</p>	<p>Emnes Capital Sdn Bhd 1302777-U</p> <p>Emnes Borneo Sdn Bhd 1455785-W</p> <p>Emnes Security Sdn Bhd 1417676-M</p>
Registered Address	<p>MAIN OFFICE D1-3A-01/03/09, Publika Solaris Dutamas, No. 1, Jalan Dutamas 1, 50480 Kuala Lumpur, MY</p> <p>BRANCH OFFICE A9-1 Jalan IM7/19, Bandar Indera Mahkota, 25200 Kuantan Pahang, MY</p>	
Principal Banking	<p>MALAYAN BANKING BERHAD Branch: Mutiara Damansara, Petaling Jaya</p> <p>HONG LEONG BANK BERHAD Branch: Publika Shopping Gallery, Solaris Dutamas</p> <p>CIMB BANK BERHAD Branch: Solaris Mont Kiara, Solaris Dutamas</p>	
Key Management Team	<p>AHMAD MUSTAQIIM AHMAD FAUZI Group CEO / Managing Director</p> <p>AFIF AIZUDIN DAUD General Manager</p>	
Company Secretaries	ADIB AZHAR & CO. No. 13-2, Jalan USJ 9/5P, 46720 Subang Jaya, Selangor, MY	
Auditors	ADIB AZHAR & CO. No. 13-2, Jalan USJ 9/5P, 46720 Subang Jaya, Selangor, MY	
Solicitors	ZARKASYA & CO. Unit 112, TTDI Adina Shop Office, Jalan Judo 13/45, Seksyen 13, 40100 Shah Alam, Selangor	

Certifications



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 5 of the Petroleum Regulation 1974, delegated to me by the Prime Minister of Malaysia, I hereby issue the license under Regulation 3 of the Petroleum Regulation for the purpose of the above to:

Certificate generated at: 31/05/2022

EMNES ENERGY & MARINE SDN. BHD. (1034709H)
C-43-2, PUSAT KOMERSIAL ARENA BINTANG, SEKSYEN U5,
40150 SHAH ALAM, SELANGOR,

Details of License are as follows:

Company's No	: 1034709H
Type of Company	: License
Duration of License	: 26.05.2022 - 05.08.2025
License Fee	: RM 750.00
Categories of Product/Service	: As attached in 'CATEGORIES OF LICENSE / REGISTRATION'

Special Conditions impose onto this license:

Subject to the special conditions as attached.

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

Reminder: License 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 operation and activities.
- This license is not transferable to any company/other party.
- This license will be revealed 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 **fourteen (14) days**. Failure to do so can result in revocation of License.
- Company should take immediate action to adhere to the special conditions imposed as stated in the appendix of the PETRONAS license certificate and to inform PETRONAS on the progress of this 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 representatives for inspection visit / site / company audit and review / copy 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.
- Entering or accepting 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 limited to sending poison pen letters, bribing or lobbying.
- Engaged in any inappropriate activities with this License.
- According to Act 9, Petroleum Act 1974, a person who initiate or continue any business or continue providing services as mentioned in Act 3 without a license or do not comply with any condition of the license is committing a crime and can be fined not exceeding RM50,000.00 (fifty Thousand Ringgit) or imprisonment for a period not more than two (2) 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 offense 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.



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	:	0120220531-SL100595
Nama Kontraktor	:	EMNES ENERGY & MARINE SDN. BHD.
Alamat Berdaftar	:	C-43-2, PUSAT KOMERSIAL ARENA BINTANG, SEKSYEN U5, 40150 SHAH ALAM SELANGOR
Daerah	:	PETALING
Tarikh Mula Berdaftar	:	31/05/2022

GREED	KATEGORI	PENGKHUSUSAN
G7	B	B04
G7	CE	CE21
G7	ME	M15

Tarikh Mula Berkuatkuasa : 31/05/2022

Tarikh Habis Tempoh Perakuan : 30/05/2024

STATUS: BARU

Ketua Eksekutif
Lembaga Pembangunan Industri Pembinaan Malaysia
Tarikh: 31/05/2022



TENAGA NASIONAL

Dengan ini disahkan bahawa

EMNES ENERGY & MARINE SDN. BHD.
C-43-2, PUSAT KOMERSIAL ARENA BINTANG
SEKSYEN U5
40150, SHAH ALAM, SELANGOR

Telah berdaftar dengan Tenaga Nasional Berhad sebagai
Kontraktor Kerja
di bawah kategori yang tercatat dalam sijil ini

GREED	KATEGORI	PENGKHUSUSAN
G7	B	B04****
	CE	CE21****
	ME	M15****

BUTIR-BUTIR PENDAFTARAN

NO PENDAFTARAN TNB	:	3057996
NO PENDAFTARAN SYARIKAT	:	201301004866
NO SUIL PENDAFTARAN	:	0120220531-SL100595
TEMPOH SAHLAKU SEHINGGA	:	30.05.2024
TARAF BUMIPUTERA	:	BUKAN BUMIPUTERA
LAIN-LAIN PENDAFTARAN	:	PPK0000/2022, KK0000/2022, KK0000/2022

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 professional yang berkaitan.

Amir Mahmod bin Abdullah
Ketua Pegawai Perolehan
Bahagian Procurement & Supply Chain
Tenaga Nasional Berhad

Tarikh kelulusan : 20.06.2022

Ini adalah cetakan komputer dan tidak memerlukan tandatangan.



TENAGA NASIONAL

Dengan ini disahkan bahawa

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

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

100101***

BUTIR-BUTIR PENDAFTARAN

NO PENDAFTARAN TNB	:	3057996
NO PENDAFTARAN SYARIKAT	:	201301004866
NO SUIL KEMENTERIAN KEWANGAN	:	K10103227493218620
TEMPOH SAHLAKU SEHINGGA	:	30.05.2025
TARAF	:	BUKAN BUMIPUTERA
LAIN-LAIN PENDAFTARAN	:	PPK0000 /2022.

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 professional yang berkaitan.

Amir Mahmod bin Abdullah
Ketua Pegawai Perolehan
Bahagian Procurement & Supply Chain
Tenaga Nasional Berhad

Tarikh kelulusan : 20.06.2022

Ini adalah cetakan komputer dan tidak memerlukan tandatangan.

SSM
SURUHANJAYA SYARIAH MALAYSIA
COMPANIES COMMISSION OF MALAYSIA
(Agensi di bawah KPTONK)

COMPANIES ACT 2016
(ACT 777)

**CERTIFICATE OF INCORPORATION ON CHANGE OF
NAME OF COMPANY**

This is to certify that

**INTENSIVE SYNERGY SDN. BHD.
(1034709-H)**

which was, on the 13th day of February 2013, incorporated under the Companies Act 1965, as a private company, on the 27th day of August 2018, changed its name to

EMNES ENERGY & MARINE SDN. BHD.

and that the company is a private company, and is a company limited by share.

Dated at **SHAH ALAM** this 27th day of August 2018.

CERTIFIED TRUE COPY

SURAYA BINTI KHAMZAH (MIA 39519)
SSM PC No. 20150800048
Company Secretary

DATO' ZAHRAH AND WAHAB FENNER
REGISTRAR OF COMPANIES
MALAYSIA

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

MYDATA
SSM

User Id: surayakhamzah Date: Tue Aug 28 14:26:39 2018 Printing Date: 28/08/2018
This certified copy of certificate of registration is generated from MYDATA SSM service as at 28/08/2018 14:26:39 1/1
MENARA SSM@SENTRAL, NO. 7, ALAN STEVEN SENTRAL 5, KUALA LUMPUR SENTRAL, 50470 KUALA LUMPUR.
TEL: 03-2299 4400 FAX: 03-2299 4411

GCL
INTERNATIONAL

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	Cycle Start Date:	20 July 2022
Project:	2-21796-1-Q	Approval Date:	20 July 2022
Certification Approved By:		Issue Date:	20 July 2022
Doug Page-Symonds		Expiry Date:	20 July 2025
Chief Executive Officer			

This certificate remains the property of GCL International Ltd. Registration is subject to the Scheme Rules which are published at www.gcl-intl.com. Any misuse, alteration, forgery or falsification is on 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 Mayfair Place, London,
W1J 8AJ, United Kingdom.

SIN: 80026023
PIN: 87225515

CET
ACCEPT ONLY THE BEST™

TO WHOM IT MAY CONCERN

Authorization

The undersigned as Commercial Director of C.E.T. Fire Pumps Mfg Ltd, 75 Hector Street, Pierreville, Qc, Canada, does hereby declare that we have appointed the following company as authorized C.E.T. distributor for the sales and servicing of C.E.T. Fire Pumps Mfg Foam Trailer in the Country of Malaysia.

Emnes Energy & Marine Sdn Bhd (1034709-H)
(Formerly Intensive Synergy Sdn Bhd)
D1-3A-09 Solaris Dutamas T +603-6211 2289
No. 1 Jalan Dutamas 1 T +603-6411 0035
50480 Kuala Lumpur, Malaysia E sales@emnes.com.my

This agreement is valid till December 31, 2020.

Signed for true and correct,

STEPHYN THIBAUD
Commercial Director

Made up in Pierreville on February 13th, 2019

sales@fire-pump.com • www.fire-pump.com | Toll Free U.S.A.: 1 800 567-2719 • Fax: 1 800 436-2613
Toll Free Canada: 1 888 844-2285 | International: Phone: 1 450 568-2719 • Fax: 1 450 568-2613
A CENTURY OF ENGINEERING FOR THE BRAVEST

Fire Safety Devices Pvt. Ltd.

B-4 SECOND FLOOR, RAMA PALACE, COMMERCIAL COMPLEX,
NEAR AJRONDA MOOD, SECTOR 20B, FARIDABAD - 121 007 (INDIA)
CIN NO : U29193HR1999PTC034245
Tel: 0129-2288196, 2288197, 2288198 Telefax: 0120-2288700
E-mail: info@fcsd.com Website: www.fcsd.com

TO WHOM IT MAY CONCERN

Date : 23.10.2018

Dear Sir,

SUBJECT : APPOINTMENT OF EXCLUSIVE AGENT FOR FIRE SAFETY DEVICES PVT. LTD. PRODUCTS IN MALAYSIA

1. We, Fire Safety Devices Pvt. Ltd. would like to inform that our company has appointed company below as to supply our full range of products for the Malaysian Oil & Gas and Petrochemical Industry for a period of 2 Years.

Emnes Energy & Marine Sdn Bhd (Reg No 1034709-H)
D1-3A-01 & 09 Publika Solaris Dutamas
No. 1 Jalan Dutamas 1
50480 Kuala Lumpur, Malaysia

2. This company will be in charge of all progress related to the supplying of Fire Safety Devices Pvt. Ltd. product list as below :

a) Foam Concentrate
b) Powder
c) Fire-Trucks

3. Should Emnes Energy & Marine Sdn Bhd be successful securing any related project, Fire Safety Devices Pvt. Ltd. supply items shall be subject to mutual agreeable contract as per standard terms and conditions by giving them full technical support.

4. Emnes Energy & Marine Sdn Bhd is our reputable customer and experience service provider. Fire Safety Devices Pvt. Ltd. wishes Emnes Energy & Marine Sdn Bhd succeeds in bid again and again to prove its capability.

5. Should you require further clarification, please do not hesitate to contact us.

Thank You.

Fire Safety Devices Pvt. Ltd.

Manufacturers & Suppliers of (Fire Fighting Foams) :
FIRE EXTINGUISHERS & ACCESSORIES, COMPLETE RANGE OF SAFETY ITEMS, ABC & DCP POWDER
Design Supply, Installation & Maintenance of :

WEB

www.emnes.com.my

CONTACT

+603 6419 6441 / 6442
sales@emnes.com.my

ADDRESS

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