



**AXIANERGY**

# COMPANY PROFILE

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*“Building the Energy,  
Fueling the Future”*

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# WELCOME MESSAGE

“We need to always remember where we were from, know where we are now and forever believing in where we are going”

***Mohd Shafidz Mohd Yasin***  
*Founder/Managing Director*

**AXIANERGY (M) SDN. BHD.** started its journey with its inception in November 2014 founded by a group of people who are highly passionate, innovative, committed and expert with years of experience involved in the construction industry.

It is with this vision that AXIANERGY (M) SDN. BHD has since acquired technical expertise and capabilities, which equips it to provide quality, affordable services to its clients. We are committed to understanding and specifically cater to our client’s requirements without compromising on the quality of its deliverables in parallel with our vision “Diversified Services, Unvarying Quality”.

We guarantee that whatever jobs undertaken by AXIANERGY, we will continuously strive to meet our client’s utmost satisfaction. We will endlessly keep challenging ourselves to grow and we remain inspired by the potential for what we are creating tomorrow.

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# ABOUT COMPANY

- **Building the Energy, Fueling the Future**

AXIANERGY (M) SDN. BHD. has garnered numerous numbers of construction contracts since its incorporation on November 17<sup>th</sup> 2014.

Founded by a duo construction expertise, Mohd Shafidz Mohd Yasin (Managing Director/CEO) and Mohd Asri Awang (Executive Director), Axianergy has capable broadening its horizons as leading construction service providers in the world of Oil & Gas.

Certified as Malaysia's G7 contractor, Axianergy professionally tailoring its fully integrated and cost-effective services over times.

Axianergy utmost achievement was been awarded with a contract value of MYR 182 Million for EPCC of NPS 36 Pulau Indah Lateral Pipeline (TULIP) Project for PETRONAS Gas Berhad.

# CORPORATE OVERVIEW

▶ COMPANY NAME	Axianergy (M) Sdn Bhd
▶ DATE OF INCORPORATION	17 November 2014
▶ REGISTRATION NUMBER	201401041986 (1118150-U)
▶ CIDB GRADE	G7
▶ PAID-UP CAPITAL	RM 2,500,000
▶ BUSINESS ADDRESS	No. 277, Jalan Pusat Dagangan Sendayan 3/5, Pusat Dagangan Sendayan, 71950 Seremban, Negeri Sembilan.
▶ CONTACT DETAILS	06-792 2154 (Tel) 06-792 2451 (Faks)
▶ WEBSITE	<a href="http://www.axianergy.my">www.axianergy.my</a>
▶ EMAIL	<a href="mailto:enquiry@axianergy.my">enquiry@axianergy.my</a>
▶ MISSION	To strategically position the company and personnel competency to build a sustainable and competent workforce.
▶ VISION	To become among the top preferred service provider in the construction of oil and gas industries.
▶ MOTTO	Diversified Services Unvarying Quality
▶ SERVICES	<ul style="list-style-type: none"><li>• EPCC &amp; Maintenance of Pipelines and Station.</li><li>• Fabrication and Installation of Piping up to 150,000 db.</li><li>• Maintenance works, including major Plant Shutdowns and Plant Turnaround.</li><li>• Civil Works for Industrial and Petrochemical Plants, etc.</li><li>• Fabrication and Erection of Steel Structure and Field Storage Tanks with 800 tones per month of workshop production.</li><li>• Equipment and Mechanical Installation and Erection.</li><li>• Supply of Skilled Manpower and Qualified Professional on all areas.</li><li>• Painting and Blasting Works of Power Plants.</li></ul>

# OUR SERVICES

**EPCC & Maintenance of  
Pipelines and Station.**

**Fabrication and Installation  
of Piping up to 150, 000 db.**

**Civil works for Industrial and  
Petrochemical Plants, etc.**

**Maintenance works including  
major Plant Shutdowns and  
Plant Turnaround.**

**Equipment and Mechanical  
Installation and Erection.**

**Supply of Skilled Manpower  
and Qualified Professional on  
all areas.**

**Pipeline Rehabilitation  
(Inspection & Repair)**

**Painting and Blasting works of  
Power Plants**

**Fabrication and Erection of Steel  
Structure and Field Storage Tanks  
with 800 tones per month of  
workshop production.**

# BOARD OF DIRECTORS



## **Mohd Shafidz Mohd Yasin**

*Managing Director cum CEO*

- ▶ Founder of Axianergy (M) Sdn Bhd with 29 years of expertise specifically in Onshore Pipeline, Piping Installation & Mechanical Equipment Installation for Oil & Gas Construction Industry.



## **Mohd Asri Awang**

*Executive Director*

*cum Director of Strategic Communication*

- ▶ Co-Founder of Axianergy (M) Sdn Bhd with 34 years of expertise specifically in Petrochemical and General Industries environment in which majored as a QAQC expertise.

# OUR QUALITY POLICY

Axianergy (M) Sdn Bhd provides

- 1) Engineering, Procurement, Fabrication, Installation and Commissioning of pipeline and process piping;
- 2) Installation of mechanical equipment.

We are fully committed to our core values including 'get it right first time'.

Our company goal is to grow the business through excellence in project delivery and satisfying our customers. Axianergy (M) Sdn Bhd undertakes to provide the necessary resources and management support to achieve this goal.

In particular, we have established and will maintain, review and continually our program for management of quality as applied to the provision of our activities. This program requires us to:

- Understand customer requirement and measure customer satisfaction.
- Ensure that all personnel are competent to undertake assigned tasks.
- Provide adequate information, and supervision to employees and contractors.
- Plan project delivery processes to minimize risk and realize budget and schedule objective.
- Take timely action to prevent occurrence of nonconformity.
- Continually improve all areas of the business, to the benefit of all interested parties.

AXIANERGY (M) SDN BHD



M SHAFIDZ YASIN  
Managing Director  
1 April 2019

# OUR COMMITMENT TO HSE

## SAFETY & HEALTH POLICY

AXIANERGY (M) SDN BHD

AXIANERGY (M) SDN. BHD, consider effective Occupational Safety and Health management to be of prime importance to its business and is committed to continuous improvement in performance in all these areas.

AXIANERGY (M) SDN. BHD will:-

- ❖ Prevent injury and ill health to workers with the provision of safe and healthy working conditions and in-line with the identified risks and opportunities.
- ❖ Comply with all legislative and client requirements pertaining to Occupational Safety & Health as its minimum standard.
- ❖ Pursue high standards of Occupational Safety & Health management as an integral part of efficient management of the business ensuring that all business decision takes proper account of Occupational Safety & Health implications.
- ❖ Develop, implement and maintain Occupational Safety & Health management system consistent with AXIANERGY (M) SDN. BHD. business intentions.
- ❖ Identify and assesses the Occupational Safety & Health risk associated with our activities and provide control measure that mitigate, eliminate or reduce the risks to a level as low as reasonable practicable.
- ❖ Ensure that contractors' Occupational Safety & Health performance meets AXIANERGY (M) SDN. BHD standards.
- ❖ Monitor our Occupational Safety & Health performance and implementation of available programme to achieve improvement on a continual basis.
- ❖ Committed to involve consultation and participation of workers in managing and improving Occupational Safety & Health management system.
- ❖ Publicize and communicate this policy to all persons who work for or on behalf and make it readily available to the public upon request.

Directors of AXIANERGY (M) SDN. BHD. will lead responsibility for Occupational Safety & Health. It is responsibility of all employees to implement this policy together collectively and individually.

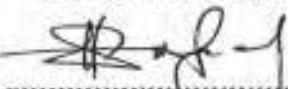
## ENVIRONMENTAL POLICY

AXIANERGY (M) SDN. BHD, consider effective Environmental management to be of prime importance to its business and is committed to continuous improvement in performance in all these areas.

AXIANERGY (M) SDN. BHD will:-

- ❖ Prevent pollution and protect the environment which are under our control and influence, with life cycle sustainability consideration in engineering and construction.
- ❖ Comply with all legislative and client requirements pertaining to Environment as its minimum standard.
- ❖ Pursue high standards of Environmental management as an integral part of efficient management of the business ensuring that all business decision takes proper account of Environmental implications.
- ❖ Develop, implement and maintain a Environmental management system consistent with AXIANERGY (M) SDN. BHD business intentions.
- ❖ Identify and assesses the Environmental risk associated with our activities and provide control measure that mitigate, eliminate or reduce the risks to a level as low as reasonable practicable.
- ❖ Ensure that contractors' Environmental performance meets AXIANERGY (M) SDN. BHD. standards.
- ❖ Monitor our Environmental performance and implementation of available programme to achieve improvement on a continual basis.
- ❖ Publicize and communicate this policy to all persons who work for or on behalf and make it readily available to the public upon request.

Directors of AXIANERGY (M) SDN. BHD. will lead responsibility for Environment. It is responsibility of all employees to implement this policy together collectively and individually.



MOHD SHAFIDZ BIN YASSIN  
MANAGING DIRECTOR  
AXIANERGY (M) SDN BHD

EFFECTIVE DATE: 17 MARCH 2023

REVISION NUMBER: 02

# OUR COMMITMENTS AGAINST DRUG & ALCOHOL

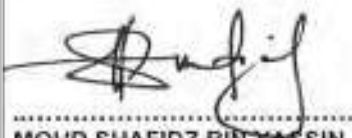
## DRUG AND ALCOHOL POLICY

This drug and alcohol policy to ensure that AXIANERGY (M) SDN BHD have personnel responsible to motivated themselves to refuse any drug and alcohol. In accordance to our Safety, Health and Environment Policy.

AXIANERGY (M) SDN BHD shall:

- ❖ Promote a conducive environment and work culture that does not tolerate to use of drugs, alcohol or other intoxicants.
- ❖ Take action and refuse any drug and alcohol abuse that can affect the company operation and employees work performance.
- ❖ It is our company to ensure our manpower and work places are free from drug and alcohol abuse in line with Malaysian Standard Code of Practices & Guidelines for Safety and Health of Work.
- ❖ This policy shall be enforced through drug and alcohol free programmes of prevention. The employees who are found to be positive of the said guideline shall be subject to disciplinary action including dismissal from project and the Company.

An employee may be required to undergo a test if suspected to involve alcohol or drug abuse. All employees, sub-contractors and others to strictly adhere to this policy at all time.



MOHD SHAFIDZ BIN YASSIN  
MANAGING DIRECTOR  
AXIANERGY (M) SDN BHD

EFFECTIVE DATE: 17 MARCH 2023

REVISION NUMBER: 02


# OUR REGISTRATION



# OUR FACILITY

## ► Fabrication Yard



 **Alor Gajah, Melaka**  
*Mukim Sungei Baru Ilir,  
Tanah Paya Mengkuang,  
Alor Gajah, Melaka.*



# OUR MACHINERY & EQUIPMENT

TYPE	DESCRIPTION	UNIT
Machinery	Excavator	4 Nos
	Backhoe	1 Nos
Transport	Ridgid Cargo Truck (Boom Truck)	1 Nos
	Ridgid Cargo Truck (Lorry)	3 Nos
Equipment	Kemppi (Welding Machine)	25 Nos
	Kemppi (WFX 300P – Wire Feeder)	25 Nos
	Kemppi (Cooling Unit)	5 Nos
	Additional Inverter	8 Nos
	Submersible Pump	29 Nos
	Auto Cutting Torch	13 Nos
	Cutting Dish 16"	1 Nos
	Chainsaw	1 Nos
	Fogging Machine	1 Nos
	Robin Pump	8 Nos
	Water Pump 6"	1 Nos
	Water Pump 4"	5 Nos
	Blasting Pot	3 Nos
	Thread Machine	2 Nos
	Blower	42 Nos
	Road Cutter	1 Nos
	Magnetic Drill	3 Nos
	Stand Drill with Motor	1 Nos
Generator Set	4 Nos	

# PROJECT HIGHLIGHTS

PCC PENGERANG PIPELINE, JOHOR BAHRU



**Date:**

November 2014



**Owner:**



PETRONAS

PETRONAS Gas Berhad



**Client:**



CPM Construction  
Sdn. Bhd.



**Details:**

- NDT
- Heavy Machinery
- Third Party Inspector
- Diesel Supply
- Perform WQT
- Inspection Site Boom
- Site Clearing 32km

# PROJECT HIGHLIGHTS

ACCESS PLATFORM AT V1 AREA & UTILITY & UTILITY AREA, HAMBD PROJECT, NEGERI SEMBILAN



**Date:**

November 2014

**Owner:**



Safran-Messier Buggati  
Dowty Malaysia Sdn. Bhd.

**Client:**



Technip Geoproduction  
(M) Sdn Bhd

**Details:**

- Installation of Steel Structures at V1 Area & Utility Area

# PROJECT HIGHLIGHTS

MODIFICATION WORKS TO ROOF REPAIR, HA-MBD PROJECT,  
NEGERI SEMBILAN



**Date:**

November 2014

**Owner:**



Safran Landing System  
(M) Sdn Bhd

**Client:**

**Technip**

Technip Geoproduction  
(M) Sdn Bhd

**Details:**

- Piping installation & modification works to roof repair

# PROJECT HIGHLIGHTS

NEW INSTRUMENT AIR LINE PANEL TO ANDRITZ, HA-MBD PROJECT  
NEGERI SEMBILAN



**Date:**

January 2015

**Owner:**



Safran Landing System  
(M) Sdn Bhd

**Client:**

**Technip**

Technip Geoproduction  
(M) Sdn Bhd

**Details:**

- Installation of instrument air tubing and equipment to Andritz at perform area.

# PROJECT HIGHLIGHTS

TOX-2 (FLARE) PIPING MODIFICATION, HA-MBD PROJECT NEGERI SEMBILAN



**Date:**

February 2015

**Owner:**



Safran Landing System  
(M) Sdn Bhd

**Client:**

**Technip**

Technip Geoproduction  
(M) Sdn Bhd

**Details:**

- Procurement, Construction, Pre-Commissioning for civil, structure, piping installation, & mechanical works.

# PROJECT HIGHLIGHTS

RFPC, HA MBD PROJECT NEGERI SEMBILAN



**Date:**

February 2015

**Owner:**



Safran Landing System  
(M) Sdn Bhd

**Client:**



Technip Geoproduction  
(M) Sdn Bhd

**Details:**

- Procurement, Construction, Pre-Commissioning for civil, structure, piping installation, & mechanical works.
- Total DB: 630 DB piping, 10 & 20 metric tones structure

# PROJECT HIGHLIGHTS

PROCUREMENT, FABRICATION, AND COMMISSIONING OF PIPELINE AND PROCESS PIPING- HA MBD PHASE 2, NEGERI SEMBILAN



**Date:**

August 2015

**Owner:**



Safran Landing System  
(M) Sdn Bhd

**Client:**



Technip Geoproduction  
(M) Sdn Bhd

**Details:**

- Procurement, Fabrication, Installation, Construction, & Commissioning of pipeline and process piping with certified ISO9001:2008
- Total DB: 38,000 Dia-Inch piping

# PROJECT HIGHLIGHTS

INSTALLATION OF MECHANICAL EQUIPMENT – HA MBD PHASE 2,  
NEGERI SEMBILAN



**Date:**

August 2015

**Owner:**



Safran Landing System  
(M) Sdn Bhd

**Client:**

**Technip**

Technip Geoproduction  
(M) Sdn Bhd

**Details:**

:

- Installation of mechanical equipment with certified ISO9001:2008
- Total Weight: 128.6 tones of mechanical equipment installation

# PROJECT HIGHLIGHTS

C&S WORKS – MAINLINE VALVE STATION & SCADA BUILDING AT Pengerang, Johor



**Date:**

September 2015

**Owner:**



PETRONAS Gas Berhad

**Client:**



PBJV Group

**Details:**

- C&S works at mainline valve station for Procurement, Construction and Commissioning (PCC) of Pengerang Gas Pipeline (PGP) Project.
- Total Station: Nine stations including scada building

# PROJECT HIGHLIGHTS

PIPE SLEEPER AND UNDER GROUND SERVICE PACKAGE  
(BINA PURI)



**Date:**

February 2017



**Owner:**



PETRONAS

PETRONAS Gas Berhad



**Client:**



Bina Puri Sdn. Bhd.



**Details:**

- Pipe sleeper and under ground services package -22 at rapid project (civil & pipeline)
- Laying, Jointing, Testing and Commissioning of the Underground P.E Coated Piping Works Including Related Civil Work

# PROJECT HIGHLIGHTS

## EPCC OF KLUANG CITY GATE UPGRADING



### Date:

June 2017

### Owner:



PETRONAS

PETRONAS Gas Berhad

### Client:



Transwater API  
Sdn. Bhd.

### Details:

- Repair of existing drainage, and construct of new access road.
- Hacking and removing of existing support foundation and slab.

# PROJECT HIGHLIGHTS

GBEST PROJECT



**Date:**

June 2017

**Owner:**



PETRONAS

PETRONAS Gas Berhad

**Client:**



Engineers of Integrated Solutions

Transwater API  
Sdn. Bhd.

**Details:**

- Mechanical fabrication and installation works inclusive steel structure.

# PROJECT HIGHLIGHTS

## FLAME ARRESTOR INSTALLATION AT SEGAMAT RO



### Date:

October 2017

### Owner:



PETRONAS Gas Berhad

### Client:



PETRONAS Gas Berhad

### Details:

- Design and perform piping modification at primary and secondary venting piping
- Supply and install new flame arrestor and pipe spool

# PROJECT HIGHLIGHTS

## EXPORT TERMINAL SCRAPPER STATION PROJECT (NETTSS)



**Date:**

November 2017



**Owner:**



PETRONAS

PETRONAS Gas Berhad



**Client:**



PETRONAS

PETRONAS Gas Berhad



**Details:**

- Civil works and upgrading works including Backfilling at tie-in area, Backfilling at pipeline ROW, Rubble pitching, Vent stack foundation, Windsock stump, Gabion wall, Revegetation, Markers installation, Perimeter drain, Gravel laying at new station area, Access road at new station area, Wind block fence & etc.

# PROJECT HIGHLIGHTS

EXPOSE PIPE REPAIR & SECURITY SERVICE FOR PGPP



**Date:**

2018

**Owner:**



PETRONAS

PETRONAS Gas Berhad

**Client:**



PETRONAS

PETRONAS Gas Berhad

**Details:**

- Civil works involving pipe expose repair works at KP34 & KP 44 of PGPP.
- Supply of security services to guard 6 station locations at all-time.

# PROJECT HIGHLIGHTS

## REMAINING WORKS FOR PENGERANG GAS PIPELINE PROJECT (REINITE) – PACKAGE A



**Date:**

2018



**Owner:**



PETRONAS

PETRONAS Gas Berhad



**Client:**



PETRONAS

PETRONAS Gas Berhad



**Details:**

- Engineering, Procurement, Construction and Commissioning (EPCC) involving reinstatement, revegetation, marker installation, gravel laying, fencing work, signage installation and slope protection.

# PROJECT HIGHLIGHTS

EPCC OF TEBONG CITY GATE STATION UPGRADING PROJECT  
(TURBO)



**Date:**

February 2018



**Owner:**



PETRONAS

PETRONAS Gas Berhad



**Owner:**



PETRONAS

PETRONAS Gas Berhad



**Details:**

- Engineering, Procurement, Construction & Commissioning involving dismantling, packing, transport & relocating of existing facilities.
- Involve modification works of existing station.

# PROJECT HIGHLIGHTS

## EPCC OF TELOK GONG LOOP PIPELINE, MELAKA (TUAH)



### Date:

March 2018

### Owner:



PETRONAS

PETRONAS Gas Berhad

### Client:



PETRONAS

PETRONAS Gas Berhad

### Details:

- Engineering, Procurement, Construction & Commissioning involving NPS 28' and 22km pipelines.
- Tie-in box design for tie-in purpose.
- Involving online CCTV monitoring
- Initiate auto weld for onshore pipeline project
- Pipeline Installation at Stiff Slope (Hilly).
- Involve demolition and modification work at 2 take off stations (KP 16 & KP19).
- Conduct corrosion protection (CP) system work.

# PROJECT HIGHLIGHTS

## EPCC OF HENGYUAN REFINING COMPANY (HRC) METERING STATION PROJECT (HYREC)



### Date:

October 2019

### Owner:



PETRONAS

PETRONAS Gas Berhad

### Client:



PETRONAS

PETRONAS Gas Berhad

### Details:

- Engineering, Procurement, Construction & Commissioning by performing hot tapping work at existing NPS 18 Port Dickson loop pipeline.
- Demolished existing fencing.
- Construct new metering station

# PROJECT HIGHLIGHTS

## EPCC OF KLIA PIPELINE PROJECT (KLIPP)



### Date:

February 2020

### Owner:



PETRONAS

PETRONAS Gas Berhad

### Client:



PETRONAS

PETRONAS Gas Berhad

### Details:

- Engineering, Procurement, Construction & Commissioning involving installation of NPS 8 and NPS 4 gas pipeline with approximately 1.2km.
- Involve construction of new scraper launcher and station facilities.
- Installation of sacrificial anode cathodic protection (SACP) system.
- Successful smooth HDD crossing

# PROJECT HIGHLIGHTS

EPCC OF MANGOSTEEN – BIOMASS CONVERSION TO BIO-MONOETHYLENE GLYCOL (BIO-MEG)



## Date:

February 2020

## Owner:



PETRONAS  
PETRONAS Research  
Berhad

## Client:



PETRONAS  
PETRONAS Research  
Berhad

## Details:

- Engineering, Procurement, Construction & Start-up
- First Pilot Plant in the world for EFB conversion
- Perform a complete multi discipline fabrication and installation works up to initial acceptance to COMPANY ready for operation.

# PROJECT HIGHLIGHTS

EPCC OF NEW PRESSURE CONTROL VALVE (PCV) INSTALLATION AT ML 504 STATION (PMIX)



**Date:**

December 2020

**Owner:**



PETRONAS

PETRONAS Gas Berhad

**Client:**



PETRONAS

PETRONAS Gas Berhad

**Details:**

- Engineering, Procurement, Construction & Commissioning involving dismantles, packing, transport & relocating of existing facilities consisting of 2 hot tapping works, 2 cold tie-ins and 1 weld tie-in work.
- Utilization of Artificial Intelligence Safety Camera (AISC)
- Successful on Gas-In 19 days ahead from schedule and Initial Acceptance four days ahead from schedule

# PROJECT HIGHLIGHTS

## EPCC OF NPS 36 PULAU INDAH LATERAL PIPELINE (TULIP)



### Date:

February 2021

### Owner:



PETRONAS

PETRONAS Gas Berhad

### Client:



PETRONAS

PETRONAS Gas Berhad

### Details:

- Engineering, Procurement, Construction & Commissioning involving NPS 36" and 42km pipelines.
- Longest Horizontal Directional Drilling (Hdd) 1.5 Km Of 36 Inch Pipeline (Entitled to Malaysia Book Record "Longest Horizontal Directional Drilling of 36 Inch Diameter Gas Pipeline")
- Deepest excavation work for CSE Jacking (crossing Sg. Hitam)
- Utilization of semi auto welding machine and involving online CCTV monitoring

# PROJECT HIGHLIGHTS

TERM CONTRACT FOR REPAIR AND REHABILITATION OF PIPELINE FACILITIES OPERATED BY PETRONAS GAS BERHAD - GAS TRANSMISSION & REGASIFICATION (PGB-GTR) (REHAB) – PACKAGE C



**Date:**

2021

**Owner:**



PETRONAS

PETRONAS Gas Berhad

**Client:**



PETRONAS

PETRONAS Gas Berhad

**Details:**

- Performing pipeline verification dig up and repair and rehabilitation work via coating repair, composite sleeve, mechanical clamp, etc but not limited to the steps of Defect locating, Excavation work, Defect identification and inspection (NDT), Pipeline coating repair & Backfilling and reinstatement.
- Successful on Monolithic Insulation Joint (MIJ) without shutting down.

# PROJECT HIGHLIGHTS

TERM CONTRACT: THE PROVISION OF OPERATION AND MAINTENANCE SERVICES AND SPARE PART PRICE AGREEMENT FOR BIO-MEG PLANT



**Date:**

2023

**Owner:**



PETRONAS

PETRONAS Research Berhad

**Owner:**



PETRONAS

PETRONAS Research Berhad

**Details:**

- Operation Plant Maintenance works
- Supply of manpower to perform preventive maintenance services for a period of 1 year.

# OUR PROJECTS

NO.	PROJECT	CLIENT	SCOPE OF WORK	YEAR	STATUS
1	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	Cutting/Chipping Tress Along ROW	2015	Completed
2	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	Disposal Tress to Dumping Area	2015	Completed
3	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	Supply Diesel	2015	Completed
4	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	Supply 3 <sup>rd</sup> Party Inspection	2015	Completed
5	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	MT/UT Inspection	2015	Completed
6	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	NDT & 3 <sup>rd</sup> Party Production	2015	Completed
7	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	Equipment Rental - Excavator	2015	Completed
8	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	Rental 3MT Fuel Truck Diesel	2015	Completed
9	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	Supply Gases	2015	Completed
10	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	Supply Welding Set	2015	Completed
11	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	Welder Qualification Test (WQT) & Mechanical Test	2015	Completed

# OUR PROJECTS

NO	PROJECT	CLIENT	SCOPE OF WORK	YEAR	STATUS
12	Pengerang Pipeline Regasification, PCC RGT2	CPM Construction Sdn Bhd	Additional NDT Production	2015	Completed
13	Installation of IA Panel to Andritz	Safran, Messier Bugatty Dowty (HA-MBD)	Installation of Instrument Air tubing panel to Andritz, Safran Preform Area	2015	Completed
14	HA-MBD Projects (PHASE II) RFPC	Technip Geoproduction (M) Sdn Bhd	Procurement, Construction, Pre-Commissioning, Piping Installation Mechanical Work and Civil Structure	2015	Completed
15	Water Pipe for Condensate Coil Cleaning	Safran, Messier Bugatty Dowty (HA-MBD)	Supervision, Labour, Transportation, Tools and Consumables and Equipment Service Test	2015	Completed
16	HA-MBD Projects (PHASE II) Recycle Skid 602U2	Technip Geoproduction (M) Sdn. Bhd.	Skid Installation and Piping Connection	2015	Completed
17	Pengerang Pipeline Regasification, PCC RGT2	PBJV Group	RGT @ – Pengerang Pipeline – Station Civil Work (SR500, SR501, ML502, ML503, ML504, ML505, TOV511A, TOV511B and TOV512	2015	Completed
18	Pengerang Pipeline Regasification, PCC RGT2	PBJV Group	Cutting Soil, Excavate for Earth Including Hard Materials and Fill to Designated Proposed Level	2015	Completed
19	HA-MBD Project (PHASE II)	Safran, Messier Bugatti Dowty (HA-MBD)	Cutting Soil, Excavate for Earth Including Hard Materials and Fill to Designated Proposed Level	2016	Completed
20	HA-MBD Project (PHASE II)	Technip Geoproduction (M) Sdn Bhd	Civil Detail Engineering Service for New Transformer and Switchgear Building	2016	Completed

# OUR PROJECTS

NO.	PROJECT	CLIENT	SCOPE OF WORK	YEAR	STATUS
21	HA-MBD Project (PHASE II)	Technip Geoproduction (M) Sdn Bhd	HA-MBD PHASE II (Mechanical, Piping, Painting & Insulation Package)	2016	Completed
22	HA-MBD Project (PHASE II)	Technip Geoproduction (M) Sdn Bhd	CNC: Final Machining #2 Cell Installation Works	2016	Completed
23	Pengerang Pipeline Regasification, PCC RGT2	PBJV Group	Provision of Construction of 2 Nos. of Hardstands, Access Road, and Ancillary Works; and for River Crossings at Sungai Layau and Sungai Lebam for Pengerang Gas Pipeline (PGP) Project	2016	Completed
24	Maintenance	Safran, Messier Bugatti Dowty	Supply Expansion Joints	2017	Completed
25	Pipe Sleeper and Under Ground Services Package 22 at RAPID Project	Bina Puri Sdn Bhd	Pipe Sleeper and Underground Services Package 22 at RAPID Project (Civil & Pipeline)	2017	Completed
26	Prolongation And Remobilisation Cost for Civil and Structural Works	PBJV Group	RGT 2 – Pengerang Pipeline Station Civil Work (SR500, SR501, ML502, ML503, ML504, ML505, TOV511A, TOV511B and TOV512) period of mid Jan 2017 until May 2017	2017	Completed
27	Maintenance	Safran, Messier Bugatti Dowty	Supply Expansion Joints	2017	Completed
28	Piping Modification Work	Safran, Messier Bugatti Dowty	<ul style="list-style-type: none"> <li>▪ Installation of Clean-Out Points for Pipes F601 until F606</li> <li>▪ Installation of Isolation Valves for F601 &amp; F602</li> <li>▪ Reinstallation of Pipeline Insulation on Vent Lines for F601 &amp; F602</li> </ul>	2017	Completed
29	Maintenance	Safran, Messier Bugatti Dowty	Supply of Material	2017	Completed
30	Modification Work	Safran, Messier Bugatti Dowty	Installation of Trunnion Support	2017	Completed

# OUR PROJECTS

NO	PROJECT	CLIENT	SCOPE OF WORK	YEAR	STATUS
31	Gebeng 2 City Gate Station Project (GBEST)	Transwater API Sdn Bhd	<ul style="list-style-type: none"> <li>Mechanical Fabrication and Installation Works Inclusive Steel Structure</li> </ul>	2017	Completed
32	EPC of Kluang City Gate Station Upgrading	Transwater API Sdn Bhd	<ul style="list-style-type: none"> <li>Repair of Existing Drainage</li> <li>Repair Battery Room Door</li> </ul>	2017	Completed
33	Flame Arrestor Installation at Segamat RO	PETRONAS Gas Berhad	Installation of Flame Arrestor	2017	Completed
34	Export Terminal Scraper Station Project (NETSS) – Remaining and Upgrading Work	PETRONAS Gas Berhad	<ul style="list-style-type: none"> <li>Civil works</li> <li>Upgrading works</li> </ul>	2017	Completed
35	Utilities Installation RFPC	Safran, Messier Bugatti Dowty	Installation of paint booth Supply electrical material	2018	Completed
36	EPC of Tebong City Gate Station Upgrading Project (TURBO)	PETRONAS Gas Berhad	<ul style="list-style-type: none"> <li>Underground Utilities Detection, Line Tracing, trial holes for existing utilities/pipeline</li> <li>Dismantling, Packaging, transporting &amp;relocating of existing facilities.</li> </ul>	2018	Completed
37	EPC of Telok Gong Loop Pipeline (TUAH)	PETRONAS Gas Berhad	<ul style="list-style-type: none"> <li>Hot Tap Station</li> <li>Scraper Launcher Station</li> <li>Install a new NPS 28 Gas Pipeline (Telok Gong Loop Pipeline) approximately 22km from Taboh Naning to Kuala Sungai Baru, Melaka</li> <li>Block Valve Station</li> <li>Take Off Stations Scraper Receiver / Metering Station</li> </ul>	2018	Completed
38	Pipe Expose Repair Works and Supply of Security Services for Pengerang Gas Pipeline Project (PGPP)	PETRONAS Gas Berhad	Design and Construct Culvert to Protect the Exposed Pipe	2018	Completed

# OUR PROJECTS

NO	PROJECT	CLIENT	SCOPE OF WORK	YEAR	STATUS
39	Remaining Works for Pengerang Gas Pipeline Project (REINITE) - Package A	PETRONAS Gas Berhad	<ul style="list-style-type: none"> <li>Fabrication, supply and installation of Aerial Marker and ROW warning Signages</li> <li>Supply &amp; Install Drop Gate</li> </ul>	2018	Completed
40	EPCC of Hengyuan Refining Company (HRC) Metering Station Project (HYREC)	PETRONAS Gas Berhad	To install New Metering Station	2019	Completed
41	EPCC of KLIA Pipeline Project (KLIPP) for Petronas Gas Berhad	PETRONAS Gas Berhad	<ul style="list-style-type: none"> <li>New Scraper Launcher Station</li> <li>Install new NPS8 KLIA Lateral approximately 1.2km</li> <li>Demolishment and abandonment of existing KLIA Scraper Launcher, NPS4 &amp; 8 KLIA Lateral</li> <li>Perform CP system.</li> </ul>	2020	Completed
42	EPCC of Project Mangosteen - Biomass Conversion to Bio-Monoethylene Glycol (BIO-MEG)	PETRONAS Research Sdn Bhd	To construct new pilot plant for conversion to Bio-Monoethylene Glycol	2020	Completed
43	EPCC of Pressure Control Valve (PCV) Installation at ML504 Station (PMIX)	PETRONAS Gas Berhad	New Pressure Control Valve (PCV) Installation at ML504 Station (PMIX)	2020	Completed
44	EPCC of NPS36 Pulau Indah Lateral Pipeline (TULIP) Project for Petronas Gas Berhad	PETRONAS Gas Berhad	A new 42km lateral pipeline is required to supply gas to PIPP. PGB will need to acquire 20m width of ROW along the proposed route for the lateral pipeline.	2021	Ongoing

# OUR PROJECTS

NO	PROJECT	CLIENT	SCOPE OF WORK	YEAR	STATUS
45	Term Contract for Repair and Rehabilitation of Pipeline Facilities Operated by Petronas Gas Berhad - Gas Transmission & Regasification (PGB-GTR)-Package C	PETRONAS Gas Berhad	Repair and Rehabilitation of Pipeline Facilities Operated by Petronas Gas Berhad - Gas Transmission & Regasification (PGB-GTR)	2021	Completed
46	Term Contract: The Provision of Operation And Maintenance Services And Spare Parts Price Agreement for Bio-Meg Plant	PETRONAS Research Sdn Bhd	<ul style="list-style-type: none"> <li>▪ Supply of manpower to perform preventive maintenance services for a period of 1 year.</li> <li>▪ Procure and replace spare part materials for a period of 1 year</li> </ul>	2023	Ongoing
47	UMBRELLA Contract of Panel Contractors For Engineering , Procurement, Construction And Commissioning (EPCC) of Retail Projects – New Station Construction, Revamp, QSR & Asset Refresh (Non-Standard) – Peninsular Malaysia	PETRONAS Dagangan Berhad	<ul style="list-style-type: none"> <li>▪ perform and develop necessary engineering, procurement, construction and commissioning inclusive of CCC application work as below category:               <ul style="list-style-type: none"> <li>- New Station</li> <li>- Revamp</li> <li>- Quick Service Restaurant (QSR)</li> <li>- Asset Refresh (Non-Standard)</li> </ul> </li> </ul>	2024	Ongoing

# OUR HSE PERFORMANCE RECORD

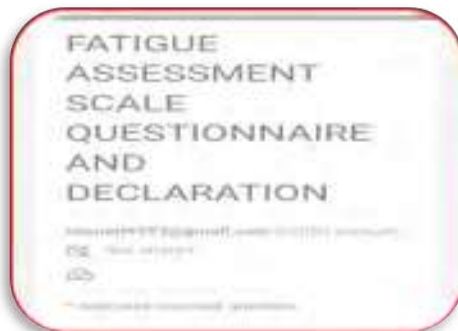
NO	MAN-HOURS RECORD	TOTAL CUMULATIVE
1.	HSE Performance Record 2014 -2017	1138127
2.	HSE Performance Record (Workshop & Others)	62283
3.	HQ Sendayan	258112
4.	EPCC of Tebong City Gate Station Upgrading Project (TURBO)	146305
5.	Remaining Works for Pengerang Gas Pipeline Project (REINITE)	115791
6.	EPCC of Telok Gong Loop Pipeline (TUAH)	1499447
7.	EPCC of Heng Yuan Refining Company (HRC) Metering Station Project (HYREC)	93735
8.	EPCC OF KLIA Pipeline Project (KLIPP)	142550
9.	EPCC of Project Mangosteen - (Bio-MEG) for Petronas Research Sdn. Bhd	510197
10.	EPCC of New Pressure Control Valve (PCV) Installation at ML 504 (PMIX)	106686
11.	EPCC of NPS36 Pulau Indah Lateral Pipeline Project (TULIP)	4363436
12.	Term Contract for Repair and Rehabilitation of Pipeline Facilities Operated by Petronas Gas Berhad – Gas Transmission & Regasification (PGB-GTR Package C (Northern Region)	75590
13.	The Provision of Operation and Maintenance Services and Spare part Price Agreement for BIO-MEG Pilot Plant	30704
<b>Grand Total Accumulative Man-hours</b>		<b>8542963</b>

# OUR HSE PRACTICES

## 1. UAUC ONLINE GOOGLE FORM



## 2. FATIGUE MANAGEMENT



## 3. MONTHLY HSE ENGAGEMENT MEETING WITH MANAGEMENT



# OUR HSE PRACTICES

## 4. QR CODE AND INDUCTION PASS CARD



## 5. CCTV SURVEILLANCE DURING CONSTRUCTION WORK





# OUR HSE PRACTICES

## 7. MACHINERY & EQUIPMENT INSPECTION



## 8. RISK ASSESSMENT

PROJECT : DOCUMENT : DESCRIPTION: DATE:		EPCC OF TULIP PROJECT RISK ASSESSMENT FOR HDD ACTIVITY AT TULIP PROJECT THIS RISK ASSESSMENT IS REQUIRED FOR HDD ACTIVITY AT TULIP PROJECT KP16+900 - KP17+300, KP21+750 - KP22+850, KP40+100 - KP41+650 04/2022										
No.	Activities	Risk Issues	Causes	Consequences	Before Mitigation / Control			Recommended Mitigation	Action person	Action due	After Mitigation / Control	
					Likelihood	Impact	Rating				Likelihood	Impact
1	Site visit	1. Wrong location	1.1. Not refer to AFC drawing 2.1. Not communicate with Engineering Team and land surveyor team	Miscommunication / Misunderstanding	Unlikely	L	L	1.1.1. Refer to AFC drawing during perform the site visit. 2.1.1. Communicate and perform the site visit together with engineering team and land surveyor team.	TULIP Engineering	Before construction activity	Possible	L
2	Pre-approval process	1. Existing UG services	1.1 Not as per actual at location	Property Damage	Unlikely	L	L	1.1.1. To refer the UG survey report,(Drawing Number: Z34/01/AREA A/D1) 1.1.2. Officially notify utilities service provider and H12 perform site visit if required.	TULIP Engineering	Before execution	Possible	L
3	Work Preparation	1. No planning on site preparation and sequence of work. 2. Flooding	1.1. Improper material used during work. 1.2. Activity proceed at wrong area 1.3. Simbe Darby not allow to perform 24 hours for HDD activity 2.1. Natural disaster	Miscommunication / Misunderstanding Progress delay Property damage Injury to personnel	Possible	M	M	1.1.1. Ensure Applicant / Competent Work Leader to apply PTW. 1.1.2. All activities shared and properly explained to workers. 1.2.1. Refer to AFC drawing (Site Visit) 1.2.2. Conduct pre-job meeting prior the HDD work. 1.2.3. To provide site layout plan. 1.3.1. EPCC to get approval from Sime Darby for working 24 hours. 1.3.2. Approved manpower planning. 1.3.3. To implement buddy system 2.1.1. Secure personnel, machinery and equipment from flooding area. 2.1.2. Refer to weather forecast.	1.1.1. PTW Coordinator 1.1.2. WL & RA 1.2.1. PE & CM 1.2.2. WL & SSS 1.2.3. PE, CM 1.3.1. PE 1.3.2. PE 1.3.3. WL, RA, SSS 2.1.1. WL, RA, SSS, Supervisor 2.1.2. CM	Before execution	Possible	L
4	Permit to work (HDD work)	1. Untrained personnel - no PTW in place - miscommunication 2. Insuffience manpower (ie: work leader, fire watcher, etc) 3. ePTW system breakdown	1.1. Not attend ePTW Training 2.1. AWL not available 2.2. Other manpower not available (ie: fatigue, emergency leave, etc) 3.1. ePTW cannot apply / approved	Non-compliance to ZETO Rules Progress delay Property damage	Possible	M	M	1.1.1. PM to ensure all the personnel attend PTW Training and PASSED the Assessment 2.1.1. Refer to approved PTW Matrix 2.1.2. Proper coordination between PTW coordinator and AWL for the activity. 2.2.1. Manpower loading. 2.2.2. Proper planning the activities 2.2.3. To display PTW, JHA & others related documents at site. 2.2.4. To attach AFC drawing with mark up before HDD activity. 3.1.1. Apply manual PTW.	1.1.1. SHO 2.1.1. PTW Coord 2.1.2. PTW Coord & WL 2.2.1. PE/ CM 2.2.2. PE/ CM 2.2.3. WL/ RA 2.2.4. PE/ WL/ RA 3.1.1. PTW Coord/ WL/ RA	Before execution	Possible	L

- Discussion with Construction, Management & Safety Department.
- Conduct before work

# OUR HSE PRACTICES

## 9. RESPECT & CARE PROGRAM



## 10. HSE MASS TOOLBOX



# OUR HSE PRACTICES

## 11. REWARDS & TOKEN



## 12. HSE CAMPAIGN



# OUR HSE PRACTICES

## 13. MESTIFIT PROGRAM



## 14. CSR, SOLAT HAJAT & BACAAN YASIN PROGRAM



# OUR RECOGNITION



# OUR RECOGNITION



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Fueling the Future”*



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