

2024

AZIMUTH ENERGY

SDN BHD

Corporate Profile

Focusing Energy In The Right Direction



www.azimuth.com.my

ELECTRICAL . INSTRUMENTATION . MEASUREMENT

Company History and Overview

AZIMUTH ENERGY SDN BHD is specializing in engineering, procurement, construction, installation and commissioning for electrical, instrumentation and measurement. We have complete provider of energy efficient solutions and monitor the effectiveness of our quality initiatives, ensuring that all activities are carried out as planned.

2023

In 2023, Azimuth Energy Sdn Bhd was incorporated with main core business focus in asset care and , government sector, plant Maintenance services in mechanical, electrical, instrument, and civil disciplines.

Who We are?

Introduction

We caters to Engineering- Contracting - Maintenance Services and specialized products supply for the Electrical, Instrumentation and Automation field for our valuable customers in Oil & Gas, Power, Petro-Chemical, Water and Waste Water and FMCG Industries.



We have complete provider of energy efficient solutions, specialized metering solutions and engineering services.



We aim to be the preferred Malaysian one-stop solution that provides the best service and support in oil & gas industries.

We have extensive experiences and expertise in energy efficient LED lighting, explosion proof inspection and rectification. Focusing on flow measurement, control system service, instrument services and engineering solutions.



Mission & Vision

Committed to superior quality and results.

We aim to contribute within our field of expertise and position ourselves as regional leaders in innovation and quality of products and services.

Safety

To provide our staff/ personnel and visitors a safe, comfortable, and clean working place where they can thrive and fully develop their skills.

Transparency & Integrity

To do the right thing in every circumstance, and to make sure all of our communications and actions are open, true and honest.

Relationship-Building

To forge strong, trustworthy business relationships with our staff/personnel, customers, end-users and principle partners.

Accountability

To take responsibility for our work and actions, and deliver on our commitments to the business partners and the communities we serve.

Respect

To carry out our business with the utmost respect for our environment, community, and each other.

Our Objectives

To offer a comprehensive portfolio of product and services that will be used by all leading companies under Government sector project and oil and gas division.



To sustain our continuous quality performance, we monitor the effectiveness of our quality initiatives, ensuring that all activities are carried out as planned.



To provide and ensure consistency in quality of services, enhanced performance and client satisfaction.

With the level of experience of AESB management in oil and gas industry coupled with highly motivated staff that are well trained in various field of expertise, we believe AESB will be adding both technical and commercial values to clients every needs in the instrument, electrical and mechanical maintenance services.

Corporate Information

Registered Name : Azimuth Energy Sdn Bhd
Date & Place of Incorporation : 16th January 2023, Kuala Lumpur.
Company Registration : 202301001830 (1495749-X)
E-mail Address : sales@azimuth.com.my
Website : www.azimuth.com.my

HEADQUARTERS

Address : Lot K 7146 – 2 , Tingkat 2,
Jalan Guntong, Bandar Baru Kerteh,
24300, Kerteh, Terengganu
Telephone No. : 09 826 6881

BRANCH

Address : No 47-2, Level 2,
Jalan Neutron U16/Q, Denai Alam,
40160 Shah Alam, Selangor.
Telephone No : 03 7832 6731

Address : A-2-09.10, 2nd Floor, SOVO,
Block A, Miri Times Square,
98000 Miri, Sarawak
Telephone No :

Corporate Registration

PENDAFTAR SYARIKAT (SSM)

Registration No. : 1495749-X
Registered Date : 16th January 2023

KEMENTERIAN KEWANGAN MALAYSIA (MOF)

Registration No. : 357-0002357440
Certificate No : K10093972513450158
Expiry Date : 14th February 2026

PETROLIAM NASIONAL BERHAD (PETRONAS)

Registration No. : 202301001830 (1495749-X)
Registered Date : 20th February 2023
Expiry Date : 19th February 2026

SURUHANJAYA TENAGA (Kontraktor Elektrik – Kelas B)

Registration No. : ST (PKN)TRG/C/KE/00240/2023
Registered Date : 03rd November 2023
Expiry Date : 02nd November 2025

CONSTRUCTION INDUSTRY DEVELOPMENT BOARD (CIDB)

Registration No. : 0120231123-TR128456
GRED : G3
Registered Date : 23rd November 2023
Expiry Date : 22nd November 2025

Business Registration/Licenses



SSM
SURUHJANDAYA SYARIAH MALAYSIA
COMPANIES COMMISSION OF MALAYSIA

COMPANIES ACT 2016
(ACT 777)

**CERTIFICATE OF INCORPORATION
OF PRIVATE COMPANY**

This is to certify that

AZIMUTH ENERGY SDN. BHD.
202301001830 (1495749-X)

is, on and from the 16th day of January 2023, incorporated under the Companies Act 2016, and that the company is a company limited by shares and is a private company.

Dated at **KUALA LUMPUR** this 16th day of January 2023.

Datuk Nor Azimah
DATUK NOR AZIMAH



CIDB
MALAYSIA

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 : 0120231123-TR128456
 Nama Kontraktor : AZIMUTH ENERGY SDN. BHD.
 Alamat Berdaftar : LOT K 7146-2 TINGKAT 2, JALAN GUNTONG BANDAR BARU KERTEH

Daerah :
 Tarikh Mula Berdaftar :
 Suruhjaya Tenaga
 Energy Commission



PETRONAS

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

By exercising the powers conferred by Section 7, Petroleum Development Act 1974 and in accordance to Regulations 5 of the Petroleum Regulations 1974, delegated to me by the Prime Minister of Malaysia, I hereby issue the license under Regulation 3 of the Petroleum Regulations for the purpose of the above to:

AZIMUTH ENERGY SDN BHD (202301001830)
 LOT K 7146-2, TINGKAT 2, JALAN GUNTONG BANDAR BARU KERTEH, 24300 KERTEH, TERENGGANU.

Details of License are as follows:

Company's No : 202301001830
 Type of Company : License
 Duration of License : 20.02.2023 - 19.02.2028
 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 set as stated in the next page.

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 **forty (40) days**. Failure to do so may 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 services 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 auditors and receive / copy of documents and interviewing employees and related parties.
- Sub-contract work to another contractor without written permission from PETRONAS.
- Re-use 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 only limited to sending proposals/bids, bidding or awarding.
- 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 RM40,000 (Forty Thousand Ringgit) or imprisonment for a period not more than two (2) years or both and in respect of each condition commit it is subject to further fine of RM1,000.00 (One Thousand Ringgit) for every day (1) day at any part of one (1) day which he/she continues after the first conviction is recorded.
- This approval is not an agreement/guarantee that your company will be called to participate as a tender or contractor of PETRONAS or its subsidiaries.

KEMENTERIAN KEWANGAN MALAYSIA
SIJIL AKUAN PENDAFTARAN SYARIKAT

NO. SIJIL : K10093972513450158
 NO. RUJUKAN PENDAFTARAN : 357-0002357440
 TEMPOH SAH LAKU : 15/02/2023 - 14/02/2026

Perakuan ini diperakui syarikat :
AZIMUTH ENERGY SDN. BHD. (1495749-X)

ST(PKN)TRG/C/KE/00240/2023 NO: 2023/03573

BORANG Q
(peraturan 75)

AKTA BEKALAN ELEKTRIK 1990
PERAKUAN PENDAFTARAN SEBAGAI KONTRAKTOR ELEKTRIK

Mengikut peraturan 75 Peraturan-Peraturan Elektrik 1994, Perakuan ini dikeluarkan kepada

AZIMUTH ENERGY SDN BHD
(nama syarikat)

dan memberi kuasa kepada pemegang untuk menjalankan perniagaan kerja elektrik sebagai Kontraktor Elektrik di:

LOT K 7146-2, TINGKAT 2, JALAN GUNTONG, BANDAR BARU KERTEH, 24300 KERTEH, TERENGGANU
(alamat perniagaan dan cawangan)

di bawah kelas :
 B X

selama tempoh 2 tahun** dari tarikh dikeluarkan yang ditunjukkan di:

Tarikh dikeluarkan : 03/11/2023
 Tarikh Habis Tempoh : 02/11/2025
 No. Pendaftaran : ST(PKN)TRG/C/KE/00240/2023
 FEE RM : 2,500.00

Abu Rahim Bin Wan Chik
ABU RAHIM BIN WAN CHIK
Pegawai Kewangan
Suruhjaya Tenaga (Majlis Pabang)
Suruhjaya Tenaga

** Tidak kurang daripada satu tahun dan tidak lebih daripada lima tahun.

Our People

Having the right people is OUR greatest strength.

A quality service depends on the caliber of the people. We have built a winning team that forms our reservoir of accumulated resources – reservoir of knowledge and experience in the various technical disciplines, a reservoir of professionals dedicated to achieve performance excellence.

Core Values

We function as one force and treat people the way we would like to be treated.



Work as ONE TEAM



Trust and Respect one another



Deliver to the highest standard



Support one another by appreciating and encouraging great



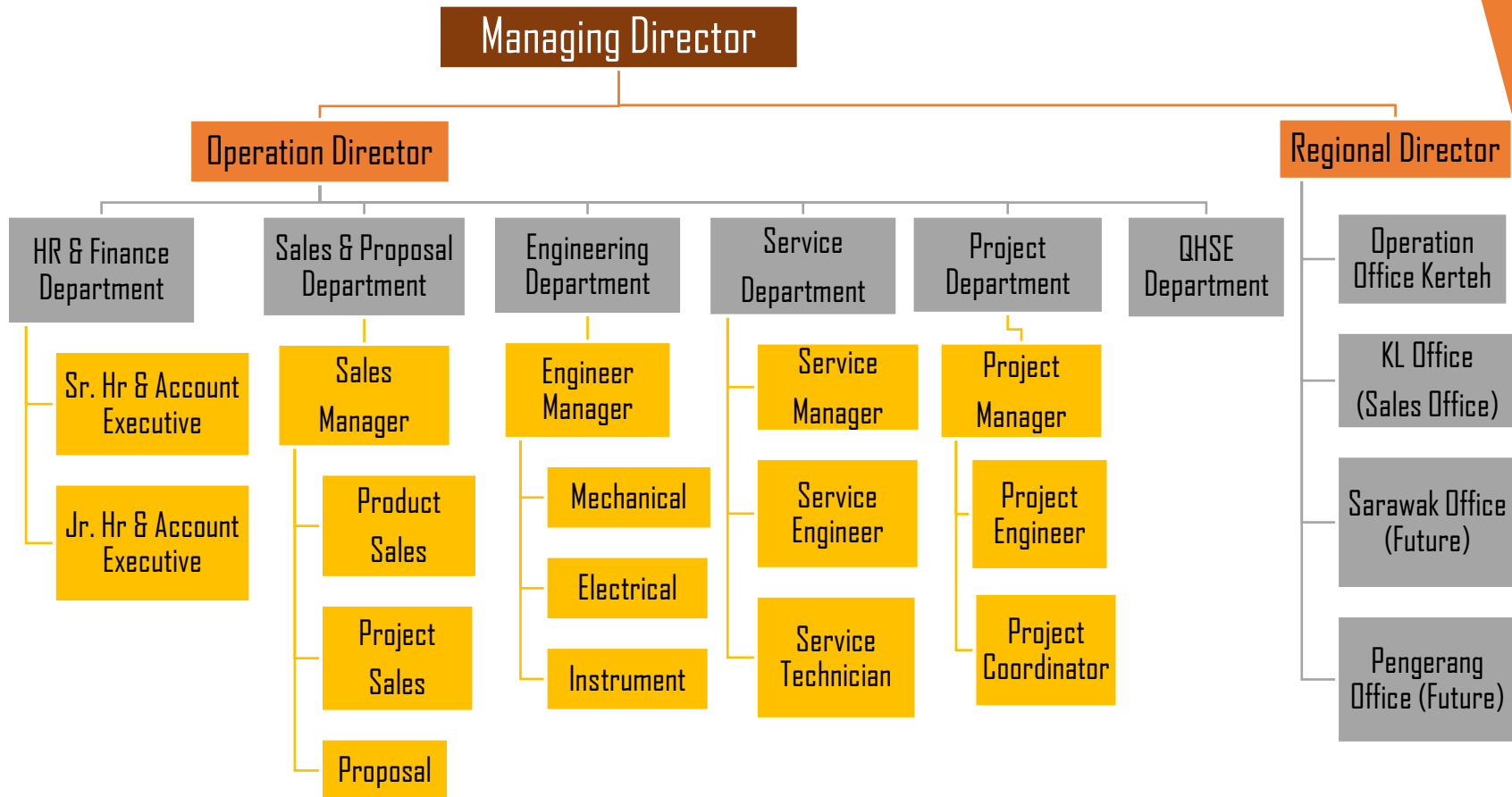
Ask questions and openly share knowledge and experience



Take pride in our work and celebrate success

Organization Chart

Having the right people is OUR greatest strength.



Products & Services We Offered..

Products

Energy Efficient Products & Renewable Energy

- LED Lighting
- Variable Speed Drive
- Energy Audit

Measurement

- Coriolis / Ultrasonic
- Magnetic Meter
- Temperature/
Pressure
- Flow Computer

Surveillance & Security

- Explosion Proof
Camera/CCTV
- Drone Detector

Mechanical & Safe Guarding

- Valve, Actuator &
Regulators
- Fire Pump Controller
- Shutdown Valve &
Control Valve

Products & Services We Offered..

Products

Meet Our Partner

KHJ Lighting was established in 2009 engaged in R&D, manufacturing and marketing of explosion proof LED lighting, it is one of the subsidiaries of KHJ Group with diverse capabilities with respect to LED lighting, electronics and industrial tapes.



KHJ Lighting offers expansive ranges of explosion proof LED lights and services in harsh and hazardous environment including Oil Refineries, Petrochemical Plants, Onshore and Offshore Oilfields, Power Plants, Gas Stations, Mining Tunnels and Warehouses etc.



KHJ Lighting is capable of providing suitable lighting simulations, we conduct delicate modeling, accurate engineering and precise calculation with CAD Software and DIALux in light planning to the requirements of every customer both in planning budget and solution optimization.

LED Explosion Proof Lighting



Ex-KSwordfish Series

Distribution similar with fluorescent and ideal to replace EX conventional fluorescent tube 2X18, 2X36W, 2X54W and 280W.



Ex-KForest Frog Series

Suitable for Petroleum Industry, Petrochemical Industry and suitable in replacing typical 60~150W traditional lamps.



Ex-KSealion Series

Built in mount, designed for gas station. Also suitable for warehouse and other Zone 2. Zone 22 area.



Ex-KAlcidae Series

Used in cases of emergency, Oil & Gas Industry tool kit for night working, supplement to dark-adapted vision.



Explosion Proof Electrical Equipment



KBH03 Series- Explosion proof Terminal Box

Explosion protection
- IECEx : IECEx SEV 22.0012X
- ATEX : SEV 22 ATEX 0630 X



KBX05- Explosion proof Control Station

Three types of enclosure size,
built-in explosion-proof
components



KDP06 Electrical Apparatus

Aluminum alloy enclosure with
hinges and handles



KBSP01 Plug and Sockets

Aluminum alloy enclosure with
hinges and handles

LED Industrial Lighting



KGoldenFrog Series

Robust aluminium housing and
strong tempered glass



KPolarBear Series

Suitable for Petroleum Industry,
Petrochemical Industry and
suitable in replacing typical
60~150W traditional lamps.



KVenus LED Street Light

Die casting aluminum alloy
enclosure, high impact
resistance tempered glass lens.



KPolaris Series

Used in cases of emergency, Oil
& Gas Industry tool kit for night
working, supplement to dark-
adapted vision.

Products & Services We Offered..

Products

Meet Our Partner

Bluvec Technologies is the pioneering developer of the Deep Signal Inspection and the Rapid Target Inspection technologies.



Bluvec's mission is to develop groundbreaking solutions for a more secure world. They aim to deliver cutting-edge technologies with an exceptional user experience. With a commitment to innovation and technological excellence, they strive to push the envelope of the C-UAS industry.



As a high-tech security and defence company, Bluvec provides C-UAS solutions designed for different industries with the mission of creating a secure world.



Blucase P6000

Designed as a portable solution for early warning, drone detection, identification, and geolocation of both the drone and the pilot.



Blusensor S4000

Blusensor is a stationary RF sensor solution capable of detecting and geolocating drones 24/7 in any weather condition.



Blucam S1200

AI-powered optical sensor that constantly scans the surroundings for UAV threats. It identifies targets purely based on image pixels.



Bluguard S3000

A drone jammer that provides precise mitigation without impacting the surrounding environment.

Products & Services We Offered..

Products

Meet Our Partner



CABTEK has achieved a remarkable stride in the field of manufacturing of Cable Glands, which covers a wide spectrum of armored and unarmored cables, and thus providing total solution of cable termination to hazardous and non-hazardous areas of electrical installation and manufacturing of various brass components and products.

CABTEK stands out amongst the distinctive and renowned manufactures of world class electrical accessories and brass components.



CABTEK Malaysia offer superior & safe cable gland performance. Being the integrity of their mechanical design & the quality of materials used in their production. CABTEK cable gland ensure their seals to prolonged exposure and cable adequately retained by the armor clamp within the standard.



A2FFRM- Ex "d"

Providing flameproof seal on outer sheaths cable in indoor and outdoor hazardous area with rotating male rigid conduit connection facility.



Cue Ex "e"

Providing environmental seal on the cable outer sheath. Also provides mechanical cable retention electrical continuity.



E1FW Ex "d" and Ex "e"

For indoor & outdoor hazardous area use with all types of SWA cable providing flameproof seal on cable inner sheath on cable outer sheaths.



Flameproof Stop Plug

Designed to seal or close any unused entries in Electrical enclosures, equipment, terminal boxes and junction boxes, etc.

Products & Services We Offered..

Products

Meet Our Partner



UNILOK is the company which specializes in production of tube fittings and valves by concentrating on research and development of pipe fittings and valves. They continues to be market leader in the world as well as Korea by the excellent technologies and quality.

UNILOK has continued to grow and develop in the instrumentation pipe fitting field by localizing stainless tube fittings that Korea has depended entirely on import in 1984 has been recognized by the 40 other countries as well as Korea in the instrumentation pipe fitting and valve field.



UNILOK has been able to capitalize on their expert knowledge, oriented towards the new expectations of customers worldwide in the industrial, petro-chemical, offshore, ship building, power plant and environmental.



VCDL Series

Standard Type Low Pressure Diaphragm Valve (Manual Operation)



VCBL Series (1/4"~1/2")

Standard Type Low Pressure Bellows Valve (Pneumatic Actuating Operation)



Chemical Valve

UHP, Valves, Chemical Valve



Hex Ball Valves VB1U

Max Operating Pressure 1000psig (69bar) at 38 °C(100 °F) with PTFE seat 1000psig(69bar) at 170 °C(338 °F) with PEEK seat ·

Products & Services We Offered..

Products

Meet Our Partner

OVIKO is one of regional leading valves manufacturer, and most of the valves exporting to American and Europe markets. All the valves conform to national and international advanced standards.



OVIKO Valve sustained technological innovation, the development of a series of environmental-friendly valve, made important contributions to the global energy conservation and sustainable development. OVIKO products have been widely used in many fields, range from oil plants, chemical plants, fertilizer plants, smelters, medical factories and power stations,



OVIKO not only the products sold well in the world's market, but also have enjoyed a good reputation in the markets. With OVIKO professional and experience, offer excellent quality and best service, hope can enlarge your market and obtain a new brilliance in the future.



Cast Floating Ball Valve

For the purpose of preventing the stem from flying off resulting in abnormal rising of the inner pressure.



Trunnion Ball

All parts are produced by CNC with high accuracy and reliable performance.



Metal Seated Ball Valve

Withstand heat, especially when soft seal could not be used, such as in pipeline delivery of medium with high friction dust, slurry, and solid foreign matters mixture.



Cryogenic Ball Valve

The cryogenic ball valve is used to cut off or connect the media in various pipelines of Class150~Class1500.

Products & Services We Offered..

Products

Meet Our Partner

With over 90 years' experience, Daniel is the only manufacturer that has the knowledge and expertise to engineer and offer superior products that are trusted to provide the most reliable and accurate measurements in the global oil and gas industry.



Daniel has worked tirelessly to develop and understand the keys to creating accurate and reliable flow measurements. They have invested time, energy, and testing to ensure a great design system, then working closely with their customers, they help pair them with the correct meter for the desired application.



DANIEL provides the proper attention to detail and helping their customer in navigating piping requirements and maintenance, which are critical to flow meter performance and achieving accurate measurement.



Senior Dual-Chamber Orifice Fittings

A unique plate carrier ensures superior concentricity to reduce measurement uncertainty and also allows the fitting to be mounted in a vertical or horizontal plane.



Simplex Single-Chamber Orifice Fittings

Offer superior gas and liquids differential pressure measurement performance in accordance with AGA 3, API 14.3 and OIML 5167



Series 1500 Liquid Turbine Meters

A unique stainless steel internal assembly maximizes volume throughput and minimizes pressure drop, enabling high flow rates over an extended flow range.



Orifice Plates & Plate Sealing Units

Available in a variety of line sizes and materials, these simple yet effective differential pressure measurement solutions are compatible with all Daniel fittings.

Products & Services We Offered..

Products

Meet Our Partner



SICK delivers sensors, customized systems, and services for analysis and process measurement technology. SICK thus provides smart solutions for waste incineration plants, power, steel and cement plants, oil and gas industry applications, as well as for chemical and hydrocarbon processing (HPI) plants.

From electrical connectors through reflectors, and mechanical mounting systems, SICK offers a comprehensive range of accessories to safeguard the availability of application solutions.



SICK's sensor solutions are keeping industry moving. As a technology and market leader, SICK provides sensor intelligence and application solutions that create the perfect basis for controlling processes securely, efficiently, protecting individuals from accidents, and preventing damage to the environment.



FLOWSIC100 Flare-XT

Reliable measurement even at high gas velocities and with changing gas compositions. Proprietary measuring range extension for high flow velocities thanks to ASC technology.



FLOWSIC550

Ultimate measurement certainty and safety of continuous gas supply. Simple installation, compatible with turbine gas meters



FLOWSIC100 Flare

High measurement availability even in the case of emergency shutdowns with gas velocities of up to 120 m/s. A solution for the measurement of flare gas and steam injection



FLOWSIC600-XT

Enables continuous measurement operation for up to three weeks in the event of a mains voltage failure.

Products & Services We Offered..


Products

Meet Our Partner



Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. Endress Hauser is a leading supplier of products, solutions and services for industrial process measurement and automation.

Endress Hauser provides process solutions for flow, level, pressure, analytics, temperature, recording and digital communications, optimizing processes in terms of economic efficiency, safety & environmental impact.



ENDRESS HAUSER offer comprehensive process solutions for flow, level, pressure, analysis, temperature, recording and digital communications across a wide range of industries, optimizing processes with regards to economic efficiency, safety and environmental protection.



Cubemass DCI Coriolis Flowmeter

Proven sensor for the measurement of smallest flow rates in skids, test rigs and industrial robotics, e.g. in applications like lacquering or surface finishing.



Proline Promass 40E Coriolis Flowmeter

Promass 40E offers highly accurate measurement of liquids and gases for a wide range of applications continuity.



LNGmass Coriolis Flowmeter

LNGmass is a Coriolis flowmeter specifically developed for dispensers, guaranteeing highest accuracy and robustness at extreme subzero temperatures down to $-196\text{ }^{\circ}\text{C}$ ($-321\text{ }^{\circ}\text{F}$).



Proline Promass E 100 Coriolis Flowmeter

Measuring principle operates independently of physical fluid properties such as viscosity or density. Accurate measurement of liquids and gases for a wide range of standard applications.

Products & Services We Offered..

Products

Meet Our Partner



SEALAND engineer is one of the first generation in China to develop Coriolis meter, with more than 30 years' experience. They also cooperates with famous research institutes specialized in transmitter to improve the stability, sensitivity, reliability and performance

After years of effort, Sealand learned the core technology and manufacturing technique; the product reaches a leading level and meets international standards; all models are approved by ISO 17025:2005 standard calibration lab. Besides, difficulty has been solved and meets the need for quick-acting and high accuracy on the market.



As a hi-tech enterprise, Sealand also cooperates with colleges and research institutes to keep technology updated. In the meantime, it concentrates on quality management and obtained Certificate of Quality System ISO9001, ISO14000, ISO45001, Certificate of Metrology, ATEX(TUV), IECEx & CE.



**Mass Flow Meter
MS-25**

Not affected by the fluid, saving design installation cost.



**Mass Flow Meter
CG-50**

Besides common fluid, mass flow meter can measure fluids such as corrosion-resistant capabilities, non-Newtonian fluid, all kinds of slurry, suspensions, etc



**Mass Flow Meter
CG-03**

Requires low maintenance, because of no movable parts.



Transmitter F231

High accuracy: Generally from 0.1% - 0.5%.

Products & Services We Offered..

Products



Meet Our Partner

Xi an Kaidun Intelligent Technology Co., Ltd. focus on manufacturing industrial special **Explosion Proof & Marine Grade Anti-corrosion CCTV Cameras system and other Special CCTV Cameras system.**

Ex-Proof Anti-Corrosion monitoring equipment (Explosion proof Anti-Corrosion Fixed Camera and Explosion proof Anti-Corrosion PTZ Camera, Explosion proof Anti-Corrosion thermal Cameras etc) are widely used in petroleum, chemical, coal, military, natural gas, medicine, aerospace ,Oil truck ,Ship ,Vessel ,Oil Rig offshore Marine ,onshore and other special fields.



KAIDUNTECH uphold the quality, integrity, innovation, service business purposes, and strive to become the leading domestic, international advanced high-tech enterprises in security CCTV system production.



Starlight Speed Dome Network Camera

Explosion-proof design : The camera has passed international ATEX CE FCC certifications, and can be used in gas and dust hazardous scenarios.



PTZ Thermal Camera

Designed to prevent the intake of flammable dust and ensure strong corrosion-resistant capabilities.



Mini Eyeball Network Camera

Has efficient video encoding capacity, applicable to various bandwidth and storage space.



Starlight Bullet AI Network IR Camera with wiper

Adopt most advance AI Technologies, including deep learning Artificial Intelligence. Algorithm used provides higher accuracy for end users.

Products & Services We Offered..

Products

Meet Our Partner



Terrence concentrated on installing service networks, selecting service staff, performing professional training, and promising permanent service guarantee on products.

Terrence sales network covers across the country with more than 1000 customers, most of who are natural gas, LNG and electricity and other energy operating companies. Since Terrence products are widely applied, this company assumes its duty to stably and safely supply energy for hundreds of millions of users.



TERRENCE's products are widely applied in the fields of all variety of natural gas, electricity generation, municipal setting, and cleaning vehicle both at home and abroad.

Gathering & Transportation Core Equipment



PL3000 Pressure Regulator

Design to supply constant outlet pressure and ensure supplying flow continually, suitable for all non-corrosive gases after purification treatment.



SSV3500 Slam Shut Valve

Designed to shut off gas supply when the pressure in control point reaches a fixed set value and suitable for all non-corrosive gases after purification treatment.



Standard Gas Filter

Design to remove particles and moisture in the gas treatment equipment to prevent contaminating processing equipment or resulting in catalyst poisoning.



Air Temperature Heat Exchanger

Used to deliver part of heat of hot fluid to cold fluid, making fluid temperature realize the heat exchange required by technological process.



Gas Gathering & Transportation System



Gas regulating station for large industrial users

Designed for large industrial users is a system equipment that supplies gas to large industrial users after pretreatment, pressure regulating, metering, etc.

Natural gas component analysis system

The online natural gas component analysis system, also known as the "analysis hut", is designed according to the needs of users and can combine a variety of online analysis instruments

Gas Intelligent Control Equipment

Gas building pressure regulating box

Designed with high precision, high reliability, small footprint, easy installation and maintenance characteristics. Suitable for natural gas, liquefied petroleum gas and other non corrosive gases;



Gas building pressure regulating box

Designed for all kinds of civil and small public consumption gas supply, including voltage regulator, emergency cut off valve, filter, manual ball valve and other accessories, suitable for natural gas, liquefied gas and other types of non corrosive gas.



Products & Services We Offered..

Services



Lighting Design & Consultancy

Explosion Proof Inspection, Rectification & Consultancy

Measurement System Integration & Consultancy

Instrumentation, Control & Safety System

“Focusing Energy in
The Right Direction”

Products & Services We Offered..

Services



LIGHTING DESIGN & CONSULTANCY

From single rooms, whole floors, outdoors scenes to entire buildings, our Dialux lighting simulation service allows careful planning, calculation and visualization for indoor and outdoor situations.

This is a complementary service for our customers, allowing precision planning based on our products.

Products & Services We Offered..

Services

EXPLOSION PROOF INSPECTION, RECTIFICATION & CONSULTANCY

We conduct risk assessments to demonstrate an equivalent level of safety within an existing installation, and we also monitor the inspection and maintenance of Ex equipment all the way from design to installation. Other important inspection and protection services for hazardous areas also include Ex equipment certification, overhaul and repair, explosion investigation, and more.



Products & Services We Offered..

Services



MEASUREMENT SYSTEM INTEGRATION & CONSULTANCY

The services we offer cover custody transfer measurement, natural gas or LNG measurement, hydrocarbon allocation for production and, multiphase metering.

Our services include:

- Factory Calibration and meter recertification
- Metering system development integration and Consultancy service.
- Meter Selection Studies and service for and multiphase flow meter.
- Metering skid fabrication installation include factory and site acceptance testing.
- Operation and maintenance of flow metering systems

Services

INSTRUMENTATION, CONTROL & SAFETY SYSTEM

Our services cover of automation valve, safety valve and fire pump controller from onshore or offshore.

- Valve removal and complete installation with testing.
- Control panel engineering design and service.
- Safety Valve (PSV) recalibration and service.
- Instrument cabling installation and testing.
- Our team will work around your scheduled downtime to provide a comprehensive preventive maintenance during plant shutdown.
- Supply, install and commissioning fire pump controller (Firetroll)



PROJECT EXPERIENCES

ELECTRICAL

No	PROJECT	CLIENT
1.	Contract 3 Years For Upgrading To LED Lighting (2022 – 2025)	Petronas Chemical Ethylene Sdn Bhd (PCESB)
2.	Contract 3 Years For Upgrading To LED Lighting (2022 – 2025)	Petronas Chemical Polyethylene Sdn Bhd (PCPSB)
3.	Supply Led Lighting: Explosion Proof Lighting (127 Pcs)	Toyo Engineering – Coconut Project
4.	Supply Led Lighting: Ex-Swordfish Series 56W (100 Pcs)	PTT Corporation Sdn Bhd
5.	Design And Supply LED Lighting: EX- Golden Frog Series 30W	Lotte Chemical Titan Malaysia
6.	EPCC Explosion Proof LED Lighting For RSU, CPU And Chiller Area For	PETRONAS Chemical Polyethylene Sdn Bhd (PCPSB)
7.	Design And Supply LED Lighting: EX – Swordfish Series 56W & 36W For	PETRONAS Gas Berhad – UK
8.	Supply LED Lighting: EX- Swordfish Series 56W & 36W (170 PCS)	PETRONAS Gas Berhad – UG
9.	Commissioning / Upgrading HMI of Gas metering system (GMS) and Condensate metering system (CMS) at OGT, Petronas Carigali (Turkmenistan) Sdn. Bhd.	Petronas PC(T)SB (Turkmenistan) Sdn. Bhd.
10.	Provision of Engineering, Procurement, Installation, and Commissioning (EPIC) of Obsolete Ultrasonic Flowmeter (USM) Replacement at Tanjung Langsat CG, Kamunting CG And TNB Prai MS.	Petronas Carigali Sdn. Bhd. (PMA)
11.	Purchase for Gas and Condensate Metering System HMI Hardware and Software Upgrade for Petronas PC(T)SB (Turkmenistan) Sdn. Bhd.	Petronas PC(T)SB (Turkmenistan) Sdn. Bhd.
12.	Engineering, Procurement, Installation & Commisioning of TSET Supervisory Computer Server Upgrading, TSET, Petronas Gas Berhad.	Petronas Gas Berhad
13.	Provision of Engineering, Procurement, Supply, Testing and Commissioning of LP Condensate Custody Metering for Utility Kertih (UK), Gas Processing & Utilities (GPU), PGB.	Dialog / Petronas Gas Berhad
14.	Provision of Design, Supply, Fabrication, Assembly, Configuration, Integration, Inspection, Testing, Calibration, Validation, Preservation, Packing, Delivery, Documentation, and Commissioning of Custody Transfer Butadiene Metering System.	MIE Industrial Sdn Bhd / Pengerang Refining Company Sdn Bhd & Pengerang Petrochemical Sdn Bhd (PRefChem)
15.	Provision of Engineering, Procurement, Supply, Testing and Commissioning of Condensate Allocation Metering System Package (GUDC).	Perunding Ranhill Worley Sdn Bhd
16.	Provision of Engineering, Procurement, Supply, Testing and Commissioning of seven (7) Utility Custody Transfer Metering Skid and two (2) Prover Skid (ELPIS Project)	Dialog / Petronas Gas Berhad
17.	Provision to Upgrade F14 Gas and Condensate Metering Supervisory Computer at F23-RA Platform Sarawak Shell Bhd4	Sarawak Shell Berhad

PROJECT EXPERIENCES

No	PROJECT	CLIENT
18.	Provision of Engineering, Procurement, Supply, Testing and Commissioning of MPFM upgrading project at Puteri K5 Platform inclusive of: - System programming and configuration to integrate new Ultrasonic Flow Meter to existing HMI Software (Citect) - Supply pipe spool, Ultrasonic Flowmeter, Control Valve, PT and TT - Dismantle and Installation	HHA Associates Sdn. Bhd.
19.	Provision of Engineering, Supply, Testing and Commissioning of the New Coriolis Meter at Duyong for Petronas Carigali Sdn. Bhd. (Duyong upgrading project).	Petronas Carigali Sdn Bhd
20.	Provision of Engineering, Supply, Testing and Commissioning of the New Coriolis Meter at Resak Condensate Metering Skid and Resak Autosampling System for Petronas Carigali Sdn. Bhd. (Resak upgrading project)	Petronas Carigali Sdn Bhd
21.	Design and supply of gas and condensate allocation metering system for F6 Brownfield tie-in scope for Gorek Larak and Baronia Field Development Project.	Transwater /Sarawak Shell Berhad
22.	FTA2000 Medium Voltage Electric Fire Pump Controllers Replacement for Petronas Chemical Ethylene Sdn Bhd	Petronas Chemical Ethylene Sdn Bhd
23.	Provision of Manpower, Supervision, Tools, Materials and Consumables for Cables and Junction Boxes Replacement of Metering Skid 4 at Gas Processing Kerteh, Petronas Gas Berhad.	Petronas Gas Berhad
24.	Provision of Supply of Manpower, Material, tools and Equipment for Replacement of Tank Instruments Cables at KAFS	Kuala Lumpur Aviation Fuelling Systems Sdn Bhd
25.	Term Contract For Upgrade HID Lighting to LED Lighting at Petronas Chemicals Polyethylene Sdn Bhd (PCPSB)	Petronas Chemicals Polyethylene Sdn Bhd
26.	Provision of Inspection And Database Management of Ex Certified Equipment in Hazardous Area For PETRONAS Carigali Sdn Bhd – Sabah Assets	Petronas Carigali Sdn Bhd
27.	Price Agreement For The Supply And Delivery Of Plant Lighting Materials And Accessories For Petronas Group Of Companies (Package B: LED)	Malaysian Refining Company Sdn Bhd
28.	Contract of LED Street Lighting at Petronas Chemical Ethylene Sdn Bhd (PCESB) for two years (2) with an option for extension of two (2) years.	Petronas Chemical Ethylene Sdn Bhd
29.	Contract of LED Street Lighting at Petronas Chemical Polyethylene Sdn Bhd (PCPSB) for two years (2) with an option for extension of two (2) years.	Petronas Chemical Polyethylene Sdn Bhd

PROJECT EXPERIENCES

No	PROJECT	CLIENT
30.	Term contract for the supply and installation of new led lighting for Petronas Chemical Ethylene Sdn Bhd	Petronas Chemical Ethylene Sdn Bhd
31.	Term contract for supply and delivery of KHJ Luminaire for PP(T)SB	Petronas Penapisan (Terengganu) Sdn Bhd
32.	Provision of Supply of Manpower, Material, tools and Equipment for Replacement of Tank Instruments Cables at KAFS	Kuala Lumpur Aviation Fuelling Systems Sdn Bhd
33.	Term Contract For Upgrade HID Lighting to LED Lighting at Petronas Chemicals Polyethylene Sdn Bhd (PCPSB)	Petronas Chemicals Polyethylene Sdn Bhd
34.	Provision of Inspection And Database Management of Ex Certified Equipment in Hazardous Area For PETRONAS Carigali Sdn Bhd – Sabah Assets	Petronas Carigali Sdn Bhd
35.	Price Agreement For The Supply And Delivery Of Plant Lighting Materials And Accessories For Petronas Group Of Companies (Package B: LED)	Malaysian Refining Company Sdn Bhd
36.	Contract of LED Street Lighting at Petronas Chemical Ethylene Sdn Bhd (PCESB) for two years (2) with an option for extension of two (2) years.	Petronas Chemical Ethylene Sdn Bhd
37.	Contract of LED Street Lighting at Petronas Chemical Polyethylene Sdn Bhd (PCPSB) for two years (2) with an option for extension of two (2) years.	Petronas Chemical Polyethylene Sdn Bhd
38.	Term contract for the supply and installation of new led lighting for Petronas Chemical Ethylene Sdn Bhd	Petronas Chemical Ethylene Sdn Bhd
39.	Term contract for supply and delivery of KHJ Luminaire for PP(T)SB	Petronas Penapisan (Terengganu) Sdn Bhd
40.	Provision of Manpower, Equipment, Tools and Consumables for Inspection on Explosion Proof Certified Electrical Equipment and Associated Equipment Onboard FSO Puteri Dulang	FPSO Ventures Sdn Bhd
41.	Inspection of Explosion Proof Equipment at LPG Plant	PS Terminal Sdn Bhd
42.	Replace, Install, Test And Commissioning 98 Units Of HID Lighting Replacement To Explosion Proof LED Lighting At CPU, RSU & Chiller Area.	Petronas Chemical Polyethylene Sdn Bhd
43.	EPCC For LNG Truck Loading Facilities To Supply Of Lighting Fixtures	Mie Industrial Sdn Bhd
44.	Replace, Install, Test And Commissioning 28 Units Of Conventional Highbay Replacement LED Highbay Lighting At Cogen	Petronas Gas Berhad Utilities Kertih
45.	Replace, Install, Test And Commissioning 130 Units Of Flourescent Replacement To Explosion Proof Led Linear Lighting At Cogen	Petronas Gas Berhad Utilities Kertih

PROJECT EXPERIENCES

METERING, CITYGATE

NO	PROJECT	CLIENT
1.	EPCC for Installation of Ultrasonic Meter at ML505 (ULTRA)	PETRONAS Gas Berhad.
2.	EPCC of various new and upgrading Service Stations.	Gas Malaysia Berhad
3.	EPCC of Odoriser Station Upgrading Phase 1'20 (Sungai Petani Odoriser Station)	Gas Malaysia Berhad
4.	Civil Construction Works of Pipe Slab Protection	PETRONAS Gas Berhad
5.	PCC of Air Separation Unit Plant	Gas Pantai Timur Sdn Bhd
6.	EPCC of Hutan Melintang City Gate Station (HUMES)	Hammer Engineering Sdn Bhd / PETRONAS GAS BERHAD
7.	EPCC of 3 units of lifting gears for Bokor CPP WHCP and HCP	Bumiwangsa Sdn Bhd / PETRONAS Carigali Sdn Bhd.
8.	Design and Fabrication of 30 pcs of Dummy Valve Process Skid	Matco Malaysia Sdn Bhd / PETRONAS Carigali Sdn Bhd
9.	Pipe Stress Analysis and Piping Design for TCOT Separation Project	REC Sdn Bhd / PETRONAS Carigali Sdn Bhd
10.	Jimah Power Plant – Unit 20 Minor Outage Package : EPCC of TBFP-A Pipe Replacement Works	Jimah O&M Sdn Bhd
11.	Jimah Power Plant – Unit 20 Minor Outage Package : EPCC of Heater 6 Bypass Line to Daerator	Jimah O&M Sdn Bhd
12.	Terengganu Crude Oil Terminal (TCOT) Package : EPCC of TCOT Flare Recovery System	Petronas Carigali Sdn Bhd(PCSB)-PMO
13.	EPCC of Integrated Oil and Gas Training Centre Package : 2 nos of Upstream Platform A&B, 1 no of Downstream Plant, 1 no of Utility Plant.	INSTEP (PETRONAS)
14.	EPCC of Integrated Oil and Gas Training Centre Package : 2 nos of TEG skid packages.	INSTEP (PETRONAS)
15.	PDB Fuel Terminal – Labuan Package : PCC of biodiesel storage and blending facilities and its associate accessories	Petronas Dagangan Bhd (PDB)
16.	IKM Bintulu Package : EPCC of Pressure Regulating Skid	Majlis Amanah Rakyat (MARA)
17.	Platform : PPMSB Package : MG3 Custody Metering System	Petronas Penapisan Melaka (PPMSB)
18.	Platform : PDB Fuel Terminal-Melaka Package : EPCC of upgrading TTLR and associate works.	Petronas Dagangan Bhd (PDB)
19.	Platform : FPSO Balnaves Package : EPCC of 1 no Nitrogen Skid	Bumi Armada Berhad (BAB)
20.	Platform : FPSO Bunga Kertas, Penara and North Lukut Package : Feasibility Study for new L/R	Petronas Carigali Sdn Bhd(PCSB)-PMO

PROJECT EXPERIENCES

21.	Platform : Te Giac Trang Package : 2 units of Compact manifold Skid	Huang Long Joint Operating Company, Vietnam
22.	Platform : AJK and KMSE Early Field Development Package : 1 unit of Extended Well Testing (EWT) Skid	Petronas Carigali Sdn Bhd (PCSB)
23.	Platform : Betty Revisit Package : 2 nos of Launcher & Receiver and Fuel Gas Filter Skid	Petronas Carigali Sdn Bhd (PCSB)
24.	Platform : B11-KA Redevelopment Compression Project Package : 2 units of Fuel Gas Skids and 1 unit of Fuel Gas Filter Separator	Sarawak Shell Berhad (SSB)
25.	Platform : E8/F13 Development Project Package : 2 units of Fuel Gas Skids and 2 unit of Seal Gas Filter Separator	Sarawak Shell Berhad (SSB)
26.	Platform : St. Joseph Redevelopment Project Package : 2 units of Fuel Gas Skids	Sarawak Shell Berhad (SSB)
27.	Platform : Kinabalu KNPG-B Package : 1 units of Fuel Gas Skid	Petronas Carigali Sdn Bhd (PCSB)
28.	Platform : Tapis A, B and C and Jerneh Package : 4 units of Foam Skid System	ExxonMobil Exploration & Production Malaysia Inc
29.	Platform : F28 Redevelopment Project Package : 2 units of Fuel Gas Skids and 2 Units of Scrubber Pump Skids.	Sarawak Shell Berhad (SSB)
30.	Platform : Pulau B Package : 1 units of Instrument Gas Skid	Petronas Carigali Sdn Bhd (PCSB)
31.	Platform : Petronas Ammonia Package : 1 units of Filter Skid	Petronas Ammonia
32.	Platform : Miri Crude Oil Terminal (MCOT) Package : 1 units of Receiver and associated pipings	Petronas Carigali Sdn Bhd(PCSB)-SKO
33.	Platform : Sumandak Phase 2 Package : Fuel Gas Skids for Sumandak Phase 2 Development Project (SUJT-C & SUPG-B)	Petronas Carigali Sdn Bhd (PCSB)
34.	Platform : Samarang (SMJT-C, SMJT-D & SMJT-F), Sabah. Package : 10 nos of Launcher & Receiver	Petronas Carigali Sdn Bhd (PCSB)
35.	Platform : East Belumut-A Package : Sodium Hypochlorite Generation Package (U-627)	Newfield Peninsula.

OUR PARTNERS



OUR CLIENTS

