



SANGGUL EMAS

SDN. BHD.

Capability Statement

Mechanical engineering, instrumentation and engineered equipment supply for the oil, gas and petrochemical industries.

PETRONAS LICENSED SUPPLIER · ESTABLISHED 1990 · KUALA LUMPUR, MALAYSIA

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WHO WE ARE

Company Overview

Sanggul Emas Sdn. Bhd. (199001005395 / 196963-X) is a Malaysian-owned Petronas Licensed Supplier incorporated in 1990. Specialising in mechanical engineering, instrumentation, and the supply of engineered equipment for the oil and gas, petrochemical, and chemical industries. OEM-Authorised Service Partner for rotating equipment across four strategic locations in Malaysia.

With over 35 years of continuous operation, our team of engineers, commissioning specialists, and field technicians has delivered solutions across offshore platforms, refineries, and chemical plants — in Malaysia and internationally. Founded in Kuala Lumpur in 1990, Sanggul Emas grew from a specialist engineering services provider into a full-service mechanical and flow control equipment representative — expanding to four service centres across Malaysia as our principal partnerships and project portfolio deepened.

<p>35+ Years of operation</p>	<p>500+ Projects delivered</p>	<p>20+ Tier-1 operators served</p>	<p>4 Service centres nationwide</p>
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COMPLIANCE

Certifications & Registrations

Petronas VMS	Licensed Supplier
CIDB Malaysia	Registered Contractor
SSM 199001005395	Sdn. Bhd. (196963-X)
ISO 9001:2015	Certified QMS

WHAT WE DO

Core Services

Engineering

Petroleum engineering from conceptual design and FEED through to detailed engineering for offshore and onshore oil & gas facilities, to Petronas COMPANY specifications, IOGP, ASME, ISA and IEC standards.

Commissioning

Systematic assurance that systems are designed, installed, tested, operated and maintained to client requirements — FAT through to handover, compliant with Petronas PCSB MC&C; procedures and IOGP practice.

Maintenance & Inspection

Proactive and reactive maintenance aligned with Petronas reliability standards and IOGP best practice. OEM-Authorised Service Partner for rotating equipment across four locations in Malaysia.

Equipment Supply

Authorised representation and supply of engineered mechanical and flow-control equipment from a portfolio of established international principals, with local inventory and spares support.

Training & Workshops

Product operation, application and maintenance training for the principal brands we represent — delivered at our facilities or on-site at the client location.

Engineering standards: Petronas COMPANY specifications · IOGP recommended practices · ASME (B31.3, VIII) · ISA (5.1, 18.2) · IEC (61511, 61508) · API (610, 617, 618, 675, 685)

AUTHORISED REPRESENTATION

Principal Partners

Sanggul Emas represents an established portfolio of international principals across two divisions, supplying engineered rotating equipment, valves, instrumentation, and sampling systems with local service and spares support.

Mechanical Division

Milton Roy	Precision metering, reciprocating, diaphragm pump and industrial mixer solutions for chemical dosing, process and blending applications.
Milton Roy — Mixer Series	Industrial mixing solutions for blending, suspension, and emulsification in O&G;, petrochemical, and chemical process applications — top entry and side entry configurations.
SEEPEX	Progressive cavity pump technology for viscous, abrasive, and shear-sensitive media in O&G; process applications.
Sundyne	High-speed integrally geared centrifugal compressors and pumps to API 610, 617, 618, 685 & ASME standards.
Williams Pump	Williams high-pressure reciprocating plunger pumps for chemical injection, hydrostatic testing, and high-pressure process service in oil and gas applications.

Flow Control Division

Actuators, Positioners & Ancillary	Valve actuation, positioning, filtration, and pipe supply from specialist international principals.
ARI ARMATUREN	German-engineered steam traps and safety valves for industrial process and utility applications.
Gardner Denver	Vacuum, compression, and gas recovery systems for upstream and downstream process facilities.
GEMÜ	Speciality valve solutions for corrosive, hygienic, and abrasive process media.
ITT Engineered Valve	Engineered valve solutions for slurry, corrosive, and abrasive process media requiring full-bore or lined protection.
JOKWANG	Safety valves, regulators, thermostatic and utility valves, and strainers for steam, gas, and liquid process systems.
KOSO	Control valves and desuperheaters for precise process regulation in oil, gas, and power applications.
KROHNE	World-leading manufacturer of process measurement instrumentation for flow, level, temperature, and pressure.
KROHNE Oil & Gas	The dedicated oil and gas division of KROHNE, focused on custody transfer metering skids, loading and offloading systems, tank farm management, and the world's most advanced pipeline leak detection systems — from design and engineering through project management, start-up and commissioning.

Manual Valves & HIPPS	Gate, globe, check, ball, and butterfly manual valves; HIPPS for high-integrity process protection.
On-Off & ESD/ESV Valves	Isolation and emergency shutdown valves from multiple qualified principals — ball, gate, globe, check, and butterfly configurations.
Petrovalves / VSI Control	Italian manufacturer of high-performance on-off and control ball valves for severe applications.
YZ Systems	Global leader in gas odorization and pipeline sampling systems since 1949.

PROJECT EXPERIENCE

Selected Track Record

Instrumentation · Flow Measurement	Terengganu, East Coast Malaysia
Engineering · Commissioning	South China Sea, Sarawak
Engineering Services · Deepwater	Offshore Sabah, East Malaysia
Sampling Systems · Severe Service	Offshore Malaysia
Fiscal Metering · FEED	Offshore Malaysia
Wet Gas Metering · Detail Design	Offshore Malaysia
Wet Gas · Custody Transfer	Offshore Peninsular Malaysia
Instrumentation · PSC	Offshore Malaysia
Chemical Injection · Offshore	North Malay Basin, Malaysia
Instrumentation · Platform Engineering	Offshore Malaysia
Process Engineering · Brownfield	Gebeng, Kuantan, Malaysia
EPCC · Refinery	Kerteh, Terengganu
EPCC · Rotating Equipment	Malacca, Malaysia
Engineering · International	Ontario, Canada

NATIONWIDE COVERAGE

Service Network

Kuala Lumpur	Headquarters · Central Malaysia
Kemaman	East Coast · Terengganu
Johor	Southern · Pasir Gudang
Bintulu	East Malaysia · Sarawak
Bangsar	Upcoming · New HQ
Kota Kinabalu	Upcoming · Sabah
Kuching	Upcoming · Sarawak

GET IN TOUCH

Contact

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