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COMPANY BACKGROUND

01





MAMPAN JITU (M) SDN BHD is a 100% Burniputera company which was established on 23rd July 1993 having an office in Chukai, Kemaman, Terengganu. The business is started as a small Trading company catering for only the downstream of the Oil & Gas industries. In March 2003, the company moved its head-office to Bandar Tasik Selatan, Kuala Lumpur and the branch office cum workshop and storage facility in Chukai Kemaman, Terengganu and another branch office cum workshop in Bukit Rambai, Melaka.

MAMPAN JITU (also known as MG2), throughout many years in the operation and experiences has becoming a competitive Supplier and Service Contractor to undertake the Engineering, Procurement, Construction, Fabrication, Installation, Maintenance, Inspection & Consultancy, and Project Management works for a medium scale of projects for both Downstream and Upstream sectors in the Oil & Gas industries, Petrochemical, Power Plants, Municipal Water and as well as participating in the Government related Contract. However, beginning of year 2020 the company with a new Management team, it now on focuses in several areas of expertise includes;

- i. Supply and Services of Heat Exchanger (Shell & Tube Heat Exchanger, PHE, GPHE, PCHE, Air Cooled Heat Exchanger),
- ii. Supply and Services of Water Treatment System and Equipment,
- iii. Supply and Services of Wastewater Treatment Plant, and Equipment,
- iv. Engineering and Consultancy Service for Process Safety, Risk and Safety, Functional Safety, Asset Integrity Management and Process Optimisation,
- v. Fire Fighting System Supply and Services, and
- vi. CCTV System Monitoring and Services.

MG2 as well started to venture into Offshore Supply, Rental & Service of Marine & Subsea equipment & Onshore Pipelines Construction and Maintenance, Civil Construction and Plant Maintenance work within its financial capability and certification from DOSH and CIDB. The company develops its specific capabilities and delivers the specific solutions to the client's requirement through maintaining a very close collaboration with its partners and affiliates locally as well as the Principals from several reputable multi-national companies such as USA, France, Italy, Germany and China.





COMPANY NAME : Mampan Jitu (M) Sdn Bhd

DATE INCORPORATED: 23rd July 1993

REGISTRATION NO: 199301016258 (270998-U)

ISO CERTIFICATE NO. : MY2019-Q-1

NATURE OF BUSINESS: General Trading & Plant Services, Civil &

Construction Work, Electrical & Mechanical Work, Education And Training Recruitment, Engineering Work, Transportation Agency &

Catering

DIRECTORS: Nor Azman Mahat

HEAD OFFICE: 8-1, Jalan 3/146 Metro Centre, Bandar Tasik

Selatan 57000 Kuala Lumpur

TELEPHONE NO. : +603 9057 9717/90588576

FAX NO. : +603 9057 975

E-MAIL: mampan@mg2.com.my

CAPITAL STRUCTURE : Paid-up: RM1,000,000,00

Authorized: RM1,000,000.00

PRINCIPAL BANKER : CIMB Bank Berhad

FINANCIAL FACILITIES : PUNB & SME Bank

COMPANY SECRETARY: Israa Corporate Advisory Sdn Bhd

No. 29-1-1A, Jalan Medan Pb 2b, Seksyen 9,

43650 Bandar Baru Bangi, Selangor.

TELEPHONE : +603 8927 5590

AUDITOR: Adam & Co. Chartered Accountants





MAMPAN JITU (M) SDN BHD (also known as MG2) is committed and very focused in the health and safety of workers and in the protection of physical assets. Protection of workers from injury or occupational hazard is our main goal and we will make every effort to provide a work environment that is safe and conductive.

The fulfilling this commitment to protect employees, property and environment management will provide and maintain a safe and healthy working environment consistent with industry standards to comply with legal requirements and will strive to eliminate any foreseeable hazards that may cause property damage, accidents or injury and disease.

We recognize that the responsibility for safety and health are shared. All employees are equally responsible for reducing accidents in the facility (office, etc) and work sites. Safe work practice and procedures are clearly communicated in the company's Health and Safety Manual for all employees to follow.

Safety is the direct responsibility of all managers, supervisors, employees and contractors. To emphasize our continued commitment on the issues of Occupational Safety and Health, we will adhere to the principles of the health, Safety and Environment which it is cornerstone of MG2 HSE Culture.

All management activities will comply with company safety requirements as they are related to the planning, operation and maintenance of facilities and equipment to do their jobs properly in accordance with established procedures with safe work practices.

We seek continuous improvement in the performance of all our activities.

Nor Azman Mahat Managing Director

MAMPAN JITU (M) SDN BHD



MISSION

Expanding our business through value added services and ultimately be a global partner to our customers. Building a committed and dedicated professional staff.



STRATEGY

MG2 with its local expertise and together with its international Principals have the products and services to address a specific need or solve a specific problem.













- **HEAD OFFICE**
 - Bandar Tasik Selatan, Kuala Lumpur
- **REGIONAL OFFICE, WORKSHOP &** WAREHOUSING
 - Kemaman, Terengganu
- **OFFICE & WORKSHOP**
 - Bukit Rambai, Melaka

LICENSE & REGISTRATION

02







SURUHANJAYA SYARIKAT MALAYSIA Certificate of Incorporation of Private Company







COMPANIES ACT 2016 (ACT 777)

CERTIFICATE OF INCORPORATION OF PRIVATE COMPANY

This is to certify that

MAMPAN JITU (M) SDN. BHD. 199301016258 (270998-U)

is, on and from the 23rd day of July 1993, incorporated under the Companies Act 1965, and that the company is a company limited by shares and that the company is a private company.

Dated at KUALA LUMPUR this 23rd day of July 1993.



DATUK NOR AZIMAH ABDUL AZIZ REGISTRAR OF COMPANIES MALAYSIA

MY2206029108988

Scan to verify





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

Engineering Precision, Reliability & Sustained Performance



KEMENTERIAN KEWANGAN **MALAYSIA**

KEMENTERIAN KEWANGAN MALAYSIA



KEMENTERIAN KEWANGAN MALAYSIA SIJIL AKUAN PENDAFTARAN SYARIKAT

: K11700672674206123 : 357-00046043 NO. RUJUKAN PENDAFTARAN TEMPOH SAH LAKU : 19/06/2025 - 23/06/2028

Bahawa dengan ini diperakui syarikat :

MAMPAN JITU (M) SDN. BHD. (270998-U / 199301016258)

JALAN 3/146 METROCENTRE BANDAR TASIK SELATAN W P KUALA LUMPUR

57000 KUALA LUMPUR WILAYAH PERSEKUTUAN KUALA LUMPUR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub-bidang seperti di Lampiran A. Kelusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuaso leleh syarikat begi unsus percelaha Kerajasa adalah seperti berikut:

ENCIK NOR AZMAN BIN MAHAT 710407015009 PENGARAH 821023145543 ENGINEER

ENCIK AHMAD AZZARI BIN AHMAD FAUZI

t.t DATO' HAJAH NORISON BINTI RAMLI

Bahagian Perolehan Kerajaan b.p. Ketua Setiausaha Perbendaharaan Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 19/06/2025

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)



KEMENTERIAN KEWANGAN MALAYSIA

SIJIL AKUAN PENDAFTARAN SYARIKAT BUMIPUTERA

: 357-00046043 NO. RUJUKAN PENDAFTARAN TEMPOH SAH LAKU : 19/06/2025 - 23/06/2028

MAMPAN JITU (M) SDN. BHD. (270998-U / 199301016258)

NO. 8-1

JALAN 3/146 METROCENTRE BANDAR TASIK SELATAN W.P. KUALA LUMPUR

57000 KUALA LUMPUR

WILAYAH PERSEKUTUAN KUALA LUMPUR, MALAYSIA

Telah diiktiral sebagai Syarikat Burniputera oleh Kementerian Kewangan Malaysia. Taraf Burniputera bukannya bak dan boleh dilarik balik sekiranya syarikat gagai mematuhi syaraf/kriteria syaraf dietapian. Kelulusan ini adalah tertakluk kepada syarat-syarat sperdi yang dirayakilan di Sijif Akaian Pendifatran Syarikat Burniputera (Lampitan C).

DATO' HAJAH NORISON BINTI RAMLI

Perbendaharaan Malaysia Semenanjung b.p. Ketua Setiausaha Perbendaharaa Kementerian Kewangan Malaysia

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)



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:

: License

Certificate generated at: 21.03.2025

MAMPAN JITU (M) SDN. BHD.. (199301016258) NO. 29-1-1A, JALAN MEDAN PB 2B, SEKSYEN 9,43650 BANDAR BARU BANGLSELANGOR,

Details of License are as follows:

Type of Company

Company's No : 199301016258

Duration of License : 01.11.2023 - 13.01.2027

Categories of Product/Service : As attached in 'CATEGORIES OF LICENSE / REGISTRATION'.

Special Conditions impose onto this license:-

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









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 1990816-TR053343

Nama Kontraktor MAMPAN JITU (M) SDN. BHD.

Alamat Berdaftar NO. 29-1-1A JALAN MEDAN PB 2B SEKSYEN 9

43650 BANDAR BARU BANGI SELANGOR

HULU LANGAT 12/08/1999

GRED KATEGORI PENGKHUSUSAN G7 CE CE21 G7 ME M02 M15 M20 G2 ME. E04

Tarikh Mula Berkuatkuasa : 05/06/2025 Tarikh Habis Tempoh Perakuan STATUS: AKTIF

Ketua Eksekutif

Tarikh: 05/06/2025





SIJIL PEROLEHAN KERJA KERAJAAN

Adalah disahkan syarikat/Firma ini adalah berdaftar dengan Lembaga Pembangunan Industri Pembinaan Malaysia dan tertakluk kepada syarat-syarat termaktub bersama sijil ini.

No. Pendaftaran 1990816-TR053343

Nama Kontraktor MAMPAN JITU (M) SDN. BHD.

Alamat Berdaftar NO. 29-1-1A JALAN MEDAN PB 2B SEKSYEN 9 43650 BANDAR BARU BANGI

HULU LANGAT

Tarikh Mula Berdaftar 12/08/1999

KATEGORI

(Pembinaan Bangunan) (Pembinaan Kejuruteraan Awam) ME (Mekanikal dan Elektrikal)

PEGAWAI SYARIKAT YANG DITAULIAHKAN

NO. K/P

AZRUL BIN HASHIM NOR AZMAN BIN MAHAT 820605035753 710407015009

Tarikh Mula Berkuatkuasa: 05/06/2025

Tarikh Habis Tempoh Perakuan: 07/06/2028



Ketua Eksekutif

Lembaga Pembangunan Industri Pembinaan Malaysia

Tarikh: 05/06/2025



Engineering Precision, Reliability & Sustained Performance



TNB

TENAGA NASIONAL

Dengan ini disahkan bahawa

MAMPAN JITU (M) SDN. BHD.

JALAN 3/146 METROCENTRE
BANDAR TASIK SELATAN
57000 , KUALA LUMPUR , WILAYAH PERSEKUTUAN

Telah berdaftar dengan Tenaga Nasional Berhad sebagai Pembekal & Kontraktor Perkhidmatan

di bawah kategori yang tercatat dalam sijil ini

060103, 080101, 110201, 110603, 110701, 120401, 120502, 120601, 120602, 130101, 130201, 130401, 130402, 140101, 140301, 140501, 140503, 210103, 210108, 220202, 220401, 220505, 220509, 220702, 221104, 221401, 221503***

BUTIR-BUTIR PENDAFTARAN

NO PENDAFTARAN SYARIKAT

3002512 270998U K11700672674206123

NO SIJIL KEMENTERIAN KEWANGAN TEMPOH SAHLAKU SEHINGGA

23.06.2028 BUMIPUTERA

LAIN-LAIN PENDAFTARAN

SPKK0000 /2025,PPK0000 /2025,SPKK0000

/2025.PPK0000

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 berkattan.

09.07.2025

Ini adalah cetakan komputer dan tidak memerlukan tandatangai

DOSH



KUSKOP



PUSAT KHIDMAT KONTRAKTOR

KEMENTERIAN PEMBANGUNAN USAHAWAN DAN KOPERASI SUJI. TARAF BUMIPUTERA KONTRAKTOR KERJA

NO. SUIL PENDAFTARAN GRED PENDAFTARAN KATEGORI 990816.TP053343

NAMA DAN ALAMAT BERDAFTAR NAMPAN JITU (M) SDN. BHD. NO. 29-1-1A JALAN MEDAN PB 2B SEKSYEN 9 43650 BANDAR BARU BANGI

SELANGOR Hulu Langat

AZRUL BIN HASHIM

820605035753 NOR AZMAN BIN MAHAT 710407015009



Tarikh: 01/07/2025



TEMPOH SAH LAKU

DARI : 01/07/2025 HINGGA: 07/06/2028





ESCO

ST(TKL)WPKL/C/KE/02106/2025

NO: 2025/01449

BORANG Q

AKTA BEKALAN ELEKTRIK 1990

PERAKUAN PENDAFTARAN SEBAGAI KONTRAKTOR ELEKTRIK

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

MAMPAN JITU (M) SDN.BHD

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

NO.8-1, JALAN 3/146 METRO CENTRE BANDAR TASIK SELATAN 57000 KUALA LUMPUR WILAYAH PERSEKUTUAN KUALA LUMPUR (alamat perniagaan dan cawangan)

di bawah kelas :

XXCX

selama tempoh 1 tahun** dari tarikh dikeluarkan yang ditunjukkan di :

Tarikh dikeluarkan : 13/05/2025 Tarikh Habis Tempoh : 12/05/2026

No. Pendaftaran ST(TKL)WPKL/C/KE/02106/2025

FiRM : 500.00

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

SPAN C4

ASAL JADUAL KETIGA [subkaedah 5(2)/subrule 5(2)] AKTA INDUSTRI PERKHIDMATAN AIR 2006 WATER SERVICES INDUSTRY ACT 200 KAEDAH-KAEDAH INDUSTRI PERKHIDMATAN AIR (PERMIT) 2007 WATER SERVICES INDUSTRY (PERMIT) RULES 2007 No. Permit: SPAN/EKS/(PT)/800-2C/1/11/653 Nama pemegang permit: MAMPAN JITU (M) SDN. BHD. 8-2, JALAN 3/146 METROCENTRE, BANDAR TASIK SELATAN, 57000 SUNGAI BESI, WILAYAH PERSEKUTUAN KUALA LUMPUR Alamat pemegang permit: Address of permit holder: Tujuan permit: Purpose of Permit: PERMIT IPA JENIS C4 (BEKALAN AIR) Negeri atau negeri-negeri di mana kerja-kerja boleh diusahakan:
State or states in which the works may be carried out:
SEMENANJUNG MALAYSIA, WILAYAH-WILAYAH PERSEKUTUAN PUTRAJAYA
DAN LABUAN 27 OKTOBER 2017 sehingga to 26 OKTOBER 2020 Permit tertakluk kepada terma dan syarat yang dilampirkan.

Permit subject to terms and conditions as attached. RM 600.00 emma Suruhanjaya Perkhidmatan Air Negara

BEKALAN AIR WILAYAH

ASAL

78861

[subkaedah 5(2)/subrule 5(2)]

AKTA INDUSTRI PERKHIDMATAN AIR 2006 WATER SERVICES INDUSTRY ACT 2006

JADUAL KETIGA

KAEDAH-KAEDAH INDUSTRI PERKHIDMATAN AIR (PERMIT) 2007 WATER SERVICES INDUSTRY (PERMIT) RULES 2007

PERMIT IPA JENIS A/B/C/D/E*
IPA TYPE A/B/C/D/E* PERMIT

No. Permit: Permit Number:

Nama pemegang permit: Name of permit holder:

MAMPAN JITU (M) SDN. BHD.

Alamat pemegang permit: 8-2, JALAN 3/146 METROCENTRE, BANDAR TASIK SELATAN, 57000 SUNGAI BESI, WILAYAH PERSEKUTUAN KULA LUMPUR

Tujuan permit: Purpose of Permit:

PERMIT IPA JENIS D (BEKALAN AIR)

Negeri atau negeri-negeri di mana kerja-kerja boleh diusahakan: State or states in which the works may be carried out: WILAYAH PERSEKUTUAN KUALA LUMPUR

12 JANUARI 2018

11 JANUARI 2019

Permit tertakluk kepada terma dan syarat yang dilampirkan. Permit subject to terms and conditions as attached.

suma Suruhanjaya Perkhidmatan Air Negara

Resit No.: Receipt No.: 066994

Tarikh *pengeluaran/pembaharuan:
Date of *issue/renewal: 12 JANUARI 2018

*potong yang tidak terpakai *delete where inapplicable

BEKALAN AIR SELANGOR

27 OKTOBER 2017

JADUAL KETIGA

ASAL

[subkaedah 5(2)/subrule 5(2)] AKTA INDUSTRI PERKHIDMATAN AIR 2006

KAEDAH-KAEDAH INDUSTRI PERKHIDMATAN AIR (PERMIT) 2007 WATER SERVICES INDUSTRY (PERMIT) RULES 2007

PERMIT IPA JENIS A/B/C/D/E*
IPA TYPE A/B/C/D/E* PERMIT

No. Permit: Permit Number:

Tarikh *pengeluaran pengeluaran Date of *issue/renewal:

SPAN/EKS/(PT)/800-2D/1/11/653

Nama pemegang permit: Name of permit holder:

MAMPAN JITU (M) SDN, BHD,

Alamat pemegang permit: 8-2, JALAN 3/146 METROCENTRE, BANDAR TASIK
SELATAN, 57000 SUNGAI BESI, WILAYAH PERSEKUTUAN
KULIA LUMPUR

Tujuan permit: Purpose of Permit:

PERMIT IPA JENIS D (BEKALAN AIR)

Negeri atau negeri-negeri di mana kerja-kerja boleh diusahakan: State or states in which the works may be carried out: SELANGOR DARUL EHSAN

12 JANUARI 2018

sehingga to

11 JANUARI 2019

Permit tertakluk kepada terma dan syarat yang dilampirkan Permit subject to terms and conditions as attached.

RM 900.00

emma Suruhanjaya Perkhidmatan Air Negara

Resit No.: 066994

Tarikh *pengeluaran/pembaharuan: Date of *issue/renewal:

12 JANUARI 2018

*potong yang tidak terpakai *delete where inapplicable

PRODUCT & SERVICES

03









PROVIDE SERVICE MAINTENANCE FOCUS ON

- Supply, Install, Testing & Commissioning of Fire Fighting System
 - Supply, Install, Testing & Commissioning of CCTV System
 - Pipeline & piping works
 - **Construction & Civil Works**
 - **Mechanical Works**
- **Heat Exchanger Inspection & Cleaning**







PLATE HEAT EXCHANGER







Dismantle channel plates

Assemble new plates pack onto unit

Retighten tightening bolts



Inject water into unit for pressure test



Unit HX-622A complete (No internal and external leakage)







Perform chemical cleaning



Clean groove and re-gasket



https://www.youtube.com/watch?v=JIN9U9mn1Fo





WATER WORK DIVISION





SUPPLY

Valves, Variable Joint Adaptor & Coupling, Penstock Motor, Pump & Actuator

CONSTRUCTION, INSTALLATION & SERVICE

- Installation of Penstock, Pump, Valves & Piping Work
- Design, Fabrication & Installation of Control Panel
- Design, Retrofit & Installation of Electric Valve Actuator





GLASS REINFORCED EPOXY (GRE) PIPES



ADVANTAGES

- Durable and Corrosion Resistant to Sea Water, Chemicals, Residues, Bacteria, and Gases
- Lightweight Easy to install & handling
- Reduce Cost
- Electrically Shielded
- No Contamination
- Fire Endurance
- Wide Range of Pipe System
- Low Solids Build Up and low pressure drop



COMPLIANCE

- American Petroleum Institute (API)
- Factory Mutual (FM)
- NSF, the Public Health Co. USA
- AWWA C-950 Compliance
- Fire Safety Bureau (FSB) of Malaysia
- US Military Specification (MIL-P-29206)







HYDROGEN GENERATOR DIVISION



VERSION 1

- •200 ML HHO Water
- 7 Plate Hydrogen
- Produce H2 1000KM
- For Sedan, SUV, MPV 2.0 CC Below



VERSION 2

- •500 ML HHO Water
- 13 Plate Hydrogen
- Produce H2 2500KM
- For Sedan, SUV, MPV, 4X4 Pickup 2.0 CC Above

SUPPLY

Hydrogen Generator for Vehicle

INSTALLATION & SERVICES

- Installation at Sedan , SUV ,MPV and 4x4 vehicle below 3.0CC
- **Servicing Hydrogen Generator**
- **HHO Water Refill**

BENEFITS USING HYDROGEN AT VEHICLE

- Saves fuel consumption
- Increases Torque and acceleration.
- Zero CO emission.
- Cleans the engine from carbon deposits
- Reduces the smell of exhaust smoke.
- Makes the engine stay like new.



PARTNERSHIP

04

Reliability & Sustained Performance





KELVION HOLDING GmbH (GERMANY)





- Air Fin Cooler
- Gasketed Plate Heat Exchangers
- Laser Welded (Semi-Welded)Plate Heat Exchanger
- Fully Welded Heat Exchanger
- Printed Circuit Heat Exchanger
- Shell & Tube Heat Exchanger



DYNALON ENGINEERING SDN BHD (Malaysia)



- Water Filtration System
- Water Demineralization
- Reverse Osmosis Water System
- Filter Media

Engineering Precision, Reliability & Sustained Performance







ACME CHEMICALS (M) SDN BHD

PORTABLE WWTP SKID



- 20 Footer Shipping Container Size Skid
- Chemical Treatment and Adsorption Media Column
- Zone 2
- Capable of Treating 10 15 M3/Hour of Effluent

PORTABLE SLUDGE **DEWATERING SKID**



- Portable Sludge Dewatering Skid with 200 Liter Filter Press Unit
- Capable of Treating 2 5 M3 Per Hour of Sludge Depending on the Solid Content
- Produces Sludge Cake with 40% Dry Solid
- Atex Zone 2 Rated

COMPACT WWTP MODULE



- Stand Alone Compact WWTP Module
- Built On A 20 Footer Shipping Container For Easy Transportation
- **Designed Treatment** Capacity Of Up To 10 M3/hr

PORTABLE REACTION AND MIXING SKID



- 25 M3 Reaction and Mixing Tanks Based on 20 Footer Shipping Container for Easy Transportation
- Equipped with High RPM Mixers and Heaters
- Suitable for Sludge Oil Recovery
- Atex Zone 2 Rated

3 PHASE DECANTER CENTRIFUGE



- 15 M3/Hr 3 Phase Decanter Centrifuge for Solid, Oil and Water Separation
- Suitable for Sludge Oil Recovery, Oily Sludge Treatment and Also Sludge Dewatering

CUSTOMIZED RORO BIN FOR **GEOBAG FILTRATION**



Flocculation Tube and Dewatering Bag. With the Correct Flocculant We Can Get 20% Consistency Sludge Cake. Capacity 20 M3 Per Hour. We Can Make 10 Units of This in 1 Month

TRANSPORTATION





ON-SITE SCHEDULED WASTE TREATMENT

- OFF-SPEC AND NON-COMPLIANCE **EFFLUENT**
- CLEANING EFFLUENT
- OILY AND PROCESS WATER
- OIL SLUDGE
- BOO SERVICES **PACKAGE**









OIL & GAS - KREST



PROCESS ENGINEERING

- + REVAMP PROJECTS
- + FEASIBILITY STUDIES
- + DESIGN REVIEW
- + TECHNICAL BID EVALUATION + BASIC DESIGN
- + STEADY STATE SIMULATION
- + AS-BUILT DOCUMENTATION + FEED FOR UTILITY SYSTEMS & REVAMPS



RISK & SAFETY

- + HAZID / HAZOP
- + IPF/LOPA/SIL
- + FERA / ORA / NPHA + EERA/ESSA/TRIA/SGIA
- + CA/MOPO/SIMOPS
- + ALARP DEMONSTRATION + HSE CASE
- + THERMAL RADIATION STUDY
- + GAS DISPERSION STUDY
 - + PLUME STUDY
- + CFD STUDIES FOR FIRE &



PROCESS SAFETY MANAGEMENT

- + PSI
- + PHA
- + MOC + PASR
- + SCE PS DEVELOPMENT
- + EMERGENCY RESPONSE
- + COMPLIANCE AUDITS + OPERATIONAL PROCEDURES
- **EXPLOSION MODELING**



PROCESS OPTIMIZATION

- + DYNAMIC SIMULATION + PLANT MODELS
- + OPERATOR TRAINING SIMULATORS
- + ENERGY AUDITS + PERFORMANCE AUDITS
- + FLOW ASSURANCE
- + ADVANCED PROCESS CONTROL



INDUSTRIAL R&D

- + HYDRAULIC SYSTEMS
- + CARBON COMPOSITES DEVELOPMENT
 - + HYDROGEN ELECTROLYSER
 - + HYDROGEN FUEL CELLS
 - + HYDROGEN AS FUEL + IN STEEL MAKING



RAIL / METRO

- + INDEPENDENT SOFTWARE ASSESSMENT
- + VERIFICATION & VALIDATION
 - + SYSTEM ASSURANCE + RAMS
 - + SIL CERTIFICATION







ZEOCHEM PTE LTD (SINGAPORE)



APPLICATIONS

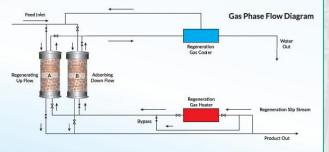
Process Industry Applications

- Natural Gas Processing
- Hydrogen Production or Recovery
- Basic Petrochemical and Synthesis Gas Processes
- Petroleum Refining
- Industrial Gases
- Chemical Storage
- Fuel Ethanol Production
- Miscellaneous Petrochemicals

Industrial Applications

- Insulating Glass
- Package Protection
- Pollution and VOC Control
- Polymer Processing
- Systems Protection Devices
- Medical Uses









EVONIK – SMART MATERIALS DIVISION & CATALYSTS

Product business Project business

- Catalyst manufacturer proprietary products and production know-how
- Non-exclusive business
- Technical support

MayooITM

Dynocel® Fluorocel™

Hydrocel™ Peroxcel™

Polycel

Purocel® Chromatocel®

Durocel®

- Catalysts (at least in part) proprietary to customer
- Default: exclusive business
- Catalysts that are customized in close cooperation with end-users

Activated alumina and bauxite-based adsorbents for contaminant

Monomer, Comonomer and Solvent Purification for Polymer

Granular/powered activated alumina for chromatographic

Longer term relationships / commitments

Evonik Catalysts Product Business: Portfolio of Branded Catalysts (2 of 2)

Alumina and titania Claus catalysts

Maxcel™	Catalysts	Tail gas catalysts for low temperature and conventional applications
CatGuard® Catalysts	Hydroprocessing Products	 Metal traps in hydroprocessing applications Ni, Mo or Co, Mo supported on Alumina Reticulated Foam Ceramic disk for particulates
Resale Catalysts		 Acquisition of spent hydroprocessing catalysts Global inventory of high-quality hydroprocessing catalysts Ni, Mo or Co, Mo supported on Alumina or Ni, W supported on Zeolite
Catalyst Regeneration		Light hydrocarbons and coke removal Moving Belt Regeneration technology
Excel® Rejuvenation	Hydroprocessing	Patented technology offering an excellent alternative to fresh catalyst
actiCAT® Presulfurization & UltraCAT® Preactivation	Technologies	Simplify and accelerate start-ups for a broad range of hydroprocessing catalysts
Density Grading & Length Grading		 Density grade Pt-based catalysts for reuse in CCR units Length grade extrudates for optimal length distribution
Toll Processing Catalysts	Continuous Process Catalysts	 Contract manufacturing of customer's catalyst production recipes Up-scaling and optimization into commercial products
Chlorocel™ Dryocel®		Activated alumina and bauxite-based adsorbents for contaminant

removal

Manufacturing

Active and Inert bed supports

applications

PROJECT EXPERIENCES

05







Client Name	Project Description	Project Started
Malaysia Refining Company Sdn Bhd	To supply pulley (5pcs), Bearing (13pcs)	Progress
Hess Exploration and Production Malaysia B.V	To purchase spare unit of condensate run	Progress
Malaysia Refining Company Sdn Bhd	To supply ring (17 pcs), shaft (14pcs), sheave (2pcs), pulley (4pcs)	Progress
Hess Exploration and Production Malaysia B.V	Cleaning In Place	Progress
Hess Exploration and Production Malaysia B.V	Cleaning In Place	Progress
Hess Exploration and Production Malaysia B.V	Cleaning In Place	Progress
Malaysia Refining Company Sdn Bhd	To supply pulley (6pcs), switch (8pcs), bearing (4pcs)	Progress
Sabah Shell Petroleum Company Limited	Provision for the supply of plate heat exchanger for GK	Aug - 23
Hess Exploration and Production Malaysia B.V	Cleaning In Place	June - 23
Hess Exploration and Production Malaysia B.V	Heat Exchanger, BT75-5C-250V 300plate	June - 23
Hess Exploration and Production Malaysia B.V	Sea water cooler, Heat exchanger	May - 23
E&P O&M Services Sdn Bhd	Provision of plate heat exchanger(PHE) replacement for LARUT	May - 23
ACME Chemicals (Malaysia) Sdn Bhd	5M3/HR RO System (wastewater recovery system)	May - 23
E&P O&M Services Sdn Bhd	Provision of plate heat exchanger(PHE) inspection & cleaning service at workshop	May - 23
Malaysia Refining Company Sdn Bhd	To supply pulley (10pcs)	Mac - 23
Malaysia Refining Company Sdn Bhd	Provision to perform air cooler site survey at U-11 using groovy/diesta tube tech	Dec - 22
EnQuest Petroleum Production Malaysia Ltd	To supply plug sheet (601pcs), gasket (601pcs)	Dec - 22
Malaysia Refining Company Sdn Bhd	To supply blade (3pcs)	Sept - 22
Petronas Penapisan Terengganu	To supply gasket (1458pcs), belt (1pc), Pulley (1pc)	Sept - 22
Petronas Chemicals Methanol Sdn Bhd	Maintenance Aerohub	Jul - 22
Malaysia Refining Company Sdn Bhd	To supply Bearing (5pcs), pulley (2pcs)	Jun - 22







Client Name	Project Description	Project Started
Hess Exploration and Production Malaysia B.V	To rectify FBHE-B minor Leak	Jun - 22
Hess Exploration and Production Malaysia B.V	To inspect and repair EX FBHE B heart	Jun - 22
Malaysia Refining Company Sdn Bhd	To supply Bearing (4pcs)	May - 22
Petronas Chemicals Methanol Sdn Bhd	Maintenance Aerohub	Apr - 22
E&P O&M Services Sdn Bhd	PHE Maintenance LRA	Mac - 22
E&P O&M Services Sdn Bhd	Provision of PHE maintenance support $\&$ part supply LARUT	Mac - 22
Malaysia Refining Company Sdn Bhd	To supply pulley (21pcs), Gasket (4521pcs), Bearing (10pcs)	Feb - 22
E&P O&M Services Sdn Bhd	Supply and delivery of GEA charge Air Cooler for WARTSILA ENGINE 6L24 for BERANTAI	Feb - 22
Petronas Chemicals Methanol Sdn Bhd	Maintenance Aerohub	Dec - 21
E&P O&M Services Sdn Bhd	PHE maintenance service	Sept - 21
Petronas Chemicals Methanol Sdn Bhd	Provision of engineering, procurement, construction and commissioning of new stripped process condensate cooler plate heat exchanger E-151B for Petronas Chemicals Methanol Sdn Bhd	Sept - 21
Petronas Chemicals Methanol Sdn Bhd	To supply plate	Aug - 21
Petronas Chemicals Methanol Sdn Bhd	Maintenance Aerohub	Jun - 21
Hess Exploration and Production Malaysia B.V	Supply and delivery new panels for feed bottom heat exchanger BT75	Jun - 21
Petronas Chemicals Methanol Sdn Bhd	FSR air cooled heat exchanger	May - 21







Client Name	Project Description	Project Started
E&P O&M Services Sdn Bhd	PHE Maintenance Service	Sept - 21
E&P O&M Services Sdn Bhd	Phe Replacement and cleaning for Hx622a and Hx622b	Aug -21
Petronas Floating LNG 2	To supply gasket & plate	Aug -21
PTTEP Sarawak Oil Limited	To supply Heat Exchanger for PTTEP'S production operations	Aug -21
Hess Exploration and Production Malaysia B.V	Supply & Delivery new panels for feed bottom Heat Exchanger BT75	June - 21
Hess Exploration and Production Malaysia B.V	To install BT75 & BT50	Apr-21
Hess Exploration and Production Malaysia B.V	Repair feed bottom HX-A panel	Mar-21
Malaysia Deepwater Production	Overhaul kit splash sealing Alfa Laval	Feb-21
Hess Exploration and Production Malaysia B.V	Inspect and Repair	Jan-21
Hess Exploration and Production Malaysia B.V	Inspection, Cleaning and Repair of KELVION PHE K'Bloc BT50	Sept - 20
Hess Exploration and Production Malaysia B.V	Supply and Delivery of One Unit "Heart" for KELVION Plate Heat Exchanger K'Bloc BT75	Jun - 20
Malaysia Deepwater Production Contractor Sdn Bhd	Supply & Delivery of Parts for Alfa Laval Fuel (MGO) Purifier Unit at KIKEH FPSO	Nov - 19
Exxonmobil Exploration and Production Malaysia Inc	Supply & Delivery of Plate-Heat Exchanger parts (ALFA LAVAL)	May - 18
Malaysia Deepwater Production Contractor Sdn Bhd	Supply & Delivery of Water-Maker parts	Apr - 18
Malaysia Deepwater Production Contractor Sdn Bhd	Supply & Delivery of Parts for Alfa Laval Fuel (MGO) Purifier Unit at KIKEH FPSO	Dec - 17







COMPRESSOR CONTROLS CORPORATION - OFFSHORE

Client Name	Project Description	Project Started
Petronas Carigali Sdn Bhd	Upgrading & Site Support for CCC control system	Jul - 15
Kebabangan Petroleum Operating	CCC system maintenance & services for KPOC Sdn Bhd	Oct - 14
Petronas Carigali Sdn Bhd	Maintenance & repair of offshore facilities	Jul - 13
Petronas Carigali Sdn Bhd	CCC upgrade & support for Sumandak Project	May - 13
Sapura Kencana	Restoration of gas turbine compressor	May - 13
Sapura Kencana	Restoration of gas turbine compressor for sumandak	Mac -1 3
Solar Turbines International Company	Supply series 3 plus controller and engineering for COMPRESSOR CONTROLS SYSTEM	Sep -06
Carigali-Triton Operating Company Sdn Bhd	Provision of original equipment manufacturer (OEM) services for Cakerawala facilities in block A-18,MTJDA	Dec - 05
Sarawak Shell Berhad	Supply manpower for installation & commissioning of CCC Load sharing & Performance Controllers at D-35 Platform	Aug - 03
Petronas Carigali Sdn Bhd	Supply manpower for inspection & start-up of compressor controls system for parallel export gas compressor for Resak platform offshore Terengganu	Jul - 03
Sarawak Shell Berhad	Supply, delivery, install & commissioning of CCC load sharing & performance controllers at D-35 platform	Jul - 03
Sarawak Shell Berhad	Supply manpower for inspection, surge testing & start-up of compressor controls system for two parallel export gas compressor for D-36 platform offshore Sarawak	Apr - 03
Petronas Carigali Sdn Bhd	Supply manpower for start-up configure & tune of compressor controls system for three parallel export gas compressor for Resak platform offshore Terengganu	Mar - 03









ALFA LAVAL - OFFSHORE

Client Name	Project Description	Project Started
ExxonMobil Exploration	Heat exchanger cleaning service & supply of spare parts at Larut A	Oct - 15
Petronas Chemicals Derivatives	Supply, install, testing and commissioning of plate bundle for Heat Exchanger	Jan - 14
Petronas Penapisan Terengganu	Heat exchanger condenser and cooler cleaning service	Sep - 13
ММНЕ	EPCC of diesel centrifuge package for Tangga Barat Project	Apr - 09
Sime Darby Engineering Sdn Bhd	EPCC of diesel centrifuge package Kumang Cluster Project	Nov - 08
ExxonMobil Exploration	Supply of Alfa Laval diesel centrifuges package	Nov - 06
Sime Darby Engineering Sdn Bhd	EPCC of diesel centrifuge package for Sumandak Project	Nov - 06
Vinyl Chloride (Malaysia) Sdn Bhd	Engineering Design, Construction $\&$ Installation of 2 Plates Heat Exchanger by Alfa-Laval at VCM	Aug - 05
Brooke Dockyard & Engineering	Diesel Transfer Certrifuge Package	Feb - 05
ExxonMobil Exploration	Supply of Alfa Laval diesel centrifuges package	Mac - 13
ММНЕ	EPCC of diesel centrifuge package for TAPIS R Project	Mac - 12
ExxonMobil Exploration	Supply Diesel Centrifuge	Mac - 11
ExxonMobil Exploration	Diesel Centrifuge & Spare pats of Alfa Laval	Jun - 09
ММНЕ	EPCC of diesel centrifuge package	Apr - 09
ExxonMobil Exploration	Supply of Alfa Laval diesel centrifuges	Dec - 06





Client Name	Project Description	Project Started
Petronas Chemicals Methanol Sdn Bhd	To supply gasket (1pc)	Mac -24
Malaysia Refining Company Sdn Bhd	To supply gasket (4700pcs)	Feb-24
Malaysia Refining Company Sdn Bhd	To supply bearing (11pcs), housing (1pc)	Feb-24
Malaysia Refining Company Sdn Bhd	To supply pulley (2pcs)	Feb-24
MIE Industrial Sdn Bhd	50,000MT energy pellet & 3MW advance renewable energy power plant	Jan-24
Malaysia Refining Company Sdn Bhd	To supply pulley (3pcs)	Jan-24
Malaysia Refining Company Sdn Bhd	To supply pulley (6pcs), bearing (4pcs)	Dec-23
Malaysia Refining Company Sdn Bhd	To supply pulley (4pcs)	Nov-23
IPC Malaysia B.V	Additional spare part, additional skid	Nov-23
IPC Malaysia B.V	Provision of equipment for BERTAM temperature debottlenecking & services for IPC Malaysia B.V	Nov-23
Malaysia Refining Company Sdn Bhd	To supply Pulley (6pcs), Bearing (4pcs), Gasket (5,800pcs)	Oct-23
Malaysia LNG	To supply blade fan	Aug-23
Malaysia Refining Company Sdn Bhd	To supply pulley (5pcs), Bearing (13pcs)	Aug-23
Malaysia Refining Company Sdn Bhd	To supply screw (3pcs), pulley (4pcs)	Aug-23
Malaysia Refining Company Sdn Bhd	To supply ring (17pcs), shaft (14pcs), sheave (2pcs), pulley (4pcs)	Aug-23
Malaysia Refining Company Sdn Bhd	To supply bearing (12pcs)	Aug-23
ACME Chemicals (Malaysia) Sdn Bhd	5M3/HR RO System (wastewater recovery system)	May-23
Malaysia Refining Company Sdn Bhd	To supply pulley (10pcs)	Mac-23
Malaysia Refining Company Sdn Bhd	To supply pulley (2pcs)	Jan-23
Malaysia Refining Company Sdn Bhd	To supply pulley (60pcs)	Jan-23







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Client Name	Project Description	Project Started
Malaysia Refining Company Sdn Bhd	Provision to perform air cooler site survey at U-11 using groovy/diesta tube tech	Dec-22
EnQuest Petroleum production Malaysia Ltd	To supply plug sheet (601pcs), gasket (601pcs)	Dec-22
Malaysia Refining Company Sdn Bhd	To supply gasket (2pc)	Dec-22
Malaysia Refining Company Sdn Bhd	To supply bearing (5pcs), pulley (1pc)	Dec-22
Malaysia Refining Company Sdn Bhd	To supply pulley (2pcs)	Oct-22
Malaysia Refining Company Sdn Bhd	To supply blade (3pcs)	Sep-22
Malaysia Refining Company Sdn Bhd	To supply pulley (6pcs)	Sep-22
Petronas Penapisan Terengganu	To supply gasket (1458pcs), belt (1pc), Pulley (1pc)	Sep-22
Malaysia Refining Company Sdn Bhd	To supply gasket (5pcs), O-ring (3pcs)	Sep-22
Malaysia Refining Company Sdn Bhd	To supply plug (60pcs)	Aug-22
Malaysia Refining Company Sdn Bhd	To supply Bearing (4pcs)	Aug-22
Malaysia Refining Company Sdn Bhd	To supply plug (250pcs)	Aug-22
Petronas Penapisan Terengganu	To supply gasket (1pc)	Aug-22
Malaysia Refining Company Sdn Bhd	To supply pulley (10pcs), bearing (5pcs)	Jul-22
Petronas Chemicals Methanol Sdn Bhd	Maintenance Aerohub	Jul-22
Malaysia Refining Company Sdn Bhd	To supply bearing (5pcs), pulley (2pcs)	Jun-22
Malaysia Refining Company Sdn Bhd	To supply pulley (3pcs)	Jun-22
Malaysia Refining Company Sdn Bhd	To supply bearing (4pcs)	May-22
Malaysia Refining Company Sdn Bhd	To supply gasket (8996pcs)	May-22
Petronas Chemicals Methanol Sdn Bhd	Maintenance Aerohub	Apr-22







Client Name	Project Description	Project Started
Malaysia Refining Company Sdn Bhd	To supply lower bearing (4pcs)	Mar-22
Malaysia Refining Company Sdn Bhd	To supply pulley (21pcs), gasket (4521pcs) & bearing (10pcs)	Feb-22
Majlis Sukan Negara Melaka	Pembelian untuk lapang sasar menembak MSN, alat pengering udara bilik alat penyedut pembersihan & alat penyedut udara mampat	Dec-21
Senai Airport Terminal Services Sdn Bhd	To rent self propelled scissor lift	Dec-21
Petronas Chemicals Methanol Sdn Bhd	Maintenance Aerohub	Dec-21
Malaysia Refining Company Sdn Bhd	To supply pulley (6pcs)	Oct-21
Malaysia Refining Company Sdn Bhd	To supply sheave part	Aug-21
Malaysia Refining Company Sdn Bhd	To supply pulley	June-21
Petronas Chemicals Methanol Sdn Bhd	fsr air cooled heat exchanger	June-21
Malaysia Refining Company Sdn Bhd	To supply pulley	Apr-21
Malaysia Refining Company Sdn Bhd	To supply pulley	Apr-21
Malaysia Refining Company Sdn Bhd	To supply pulley	Apr-21
Universiti Malaya	Fabrication & Installation of a pilot scale sequencing batch reactor	Mar-21
Petronas Chemicals Methanol Sdn Bhd	To supply gasket	Mar-21
Malaysia Refining Company Sdn Bhd	To supply pulley	Feb-21
HM Cryogenics Sdn Bhd	Certificate of brazed plate heat exchanger	Jan-21
Alam Jaya Supplies & Services Sdn Bhd	To supply Sigma K 48 flow glued type gasket	Jan-21
Alam Jaya Supplies & Services Sdn Bhd	To supply Sigma 38 EPDM Glued flow gasket	Jan-21
Petronas Chemicals Methanol Sdn Bhd	To supply gasket	Dec-20
HM Cryogenics Sdn Bhd	Supply brazed plate heat exchanger	Sept - 20







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Client Name	Project Description	Project Started
Malaysia Refining Company Sdn Bhd	To supply sheave part	Aug -21
Malaysia Refining Company Sdn Bhd	To supply pulley	June-21
Petronas Chemicals Methanol Sdn Bhd	fsr air cooled heat exchanger	June-21
Malaysia Refining Company Sdn Bhd	To supply pulley	Apr-21
Malaysia Refining Company Sdn Bhd	To supply pulley	Apr-21
Malaysia Refining Company Sdn Bhd	To supply pulley	Apr-21
Universiti Malaya	Fabrication & Installation of a pilot scale sequencing batch reactor	Mar-21
Petronas Chemicals Methanol Sdn Bhd	To supply gasket	Mar-21
Malaysia Refining Company Sdn Bhd	To supply pulley	Feb-21
HM Cryogenics Sdn Bhd	Certificate of brazed plate heat exchanger	Jan-21
Alam Jaya Supplies & Services Sdn Bhd	To supply Sigma K 48 flow glued type gasket	Jan-21
Alam Jaya Supplies & Services Sdn Bhd	To supply Sigma 38 EPDM Glued flow gasket	Jan-21
Petronas Chemicals Methanol Sdn Bhd	To supply gasket	Dec-20
HM Cryogenics Sdn Bhd	Supply brazed plate heat exchanger	Sept - 20









Client Name	Project Description	Project Started
Petronas Chemicals Methanol Sdn Bhd	Service Maintenance of Aerohub Fire Suppression System and Replacement of parts	Aug - 20
Malaysia Refining Company Sdn Bhd	To supply gasket for Kelvion Bloksma HEX	Aug - 20
Malaysia Refining Company Sdn Bhd	To supply pulley for Kelvion Air Fin Cooler (AFC)	Aug - 20
Malaysia Refining Company Sdn Bhd	To supply gasket for Kelvion Bloksma HEX	Aug - 20
Malaysia Refining Company Sdn Bhd	To supply pulley for Kelvion Air Fin Cooler (AFC)	Jul - 20
Malaysia Refining Company Sdn Bhd	To supply sheave parts for Kelvion Air Fin Cooler (AFC)	Jun - 20
Petronas Chemicals Isononanol Sdn Bhd	To supply plug sheet for Kelvion Air Fin Cooler (AFC)	Jun - 20
Malaysia Refining Company Sdn Bhd	To supply gasket	Jun - 20
Senai Airport Terminal Services Sdn Bhd	The Provision of Upgrading Fire Alarm System For Terminal Building at Kertih Airport, Terengganu	Dec - 19
Petronas Chemical Labuan	Supply Parts & Scheduled Services Maintenance of Aerohub Fire Suppression System at Methanol Plant, Labuan	Nov - 19
KPDNHEP Malaysia	Supply, Installation, Testing, Commissioning & Training of 33 units Camera & CCTV System at Nilai KPDNHEP storage warehouse facility	Oct - 19
KPDNHEP Malaysia	Supply & Assembly of Portable Stage & Reception Counter & Cabinet at Nilai KPDNHEP storage warehouse facility	Oct - 19
Petronas Chemical Labuan Sdn Bhd	Services Maintenance of Aerohub Fire Suppression System at Methanol Plant, Labuan	May -1 9
Edgenta Propel Berhad	Proposed to Install Signboard for Assembly area at Toll Plazas, Offices & Publics facilities along Lebuhraya Pantai Timur	Apr - 19









Client Name	Project Description	Project Started
Petronas Chemical Labuan Sdn Bhd	Services Maintenance of Aerohub Fire Suppression System at Methanol Plant, Labuan	Mar - 19
Petronas Gas Berhad	Supply & Delivery of 168 pieces Filter Element (RO Membrane Cartridges) to Centralized Utility Facility (CUF - Gebeng)	Dec - 18
Petronas Chemical Labuan Sdn Bhd	Services Maintenance of Aerohub Fire Suppression System at Methanol Plant, Labuan	Dec - 18
Petronas Chemical Labuan Sdn Bhd	Services Maintenance of Aerohub Fire Suppression System at Methanol Plant, Labuan	Aug - 18
Konsurtium Air Sdn Bhd	To Supply & Delivery Industrial Diesel Fuel for Sungai Labu WTP Generator	Jun - 18
Petronas Chemical Labuan Sdn Bhd	Services Maintenance of Aerohub Fire Suppression System at Methanol Plant, Labuan	Mar - 18
DZ Angkasa Property Consultans Sdn Bhd	To Repair Drainage Surface water & Sub-surface water Hacking work & make good using high performance water based Epoxy Coating painting	Feb - 18
Egenda Propel Berhad	Contract maintenance to repair, replacement of guardrail, fencing & pothole works at Section N5 including associated work for Lebuhraya Plus Berhad	Nov - 17
Optimal Chemicals (M) Sdn Bhd	Provide Manpower & Equipment Rental (Portable Filtration System) for Treatment of Wastewater from the Collection Pond	Oct - 07
Petronas Carigali Sdn Bhd	Inspection & Supervision of Manual Backwashing of Activated Carbon Filters at Kertih Marine Terminal (OGT)	Sep - 07
Petronas Gas Berhad	Inspection, Repair & Refurbishment of Reverse Osmosis (RO) Test Panel & Control System at Gas Processing Plant (GPP), Complex A, Kertih	Mar - 06
Petronas Gas Berhad	Design & Install of 3 m3/hr Water Filtration System for Wastewater Treatment Plant at Centralized Utility Facility (CUF) Plant	Apr - 02
Petronas Gas Berhad	Engineering, Procurement, Construction & Commissioning (EPCC) of 20 m3/hr Reverse Osmosis (RO) System and 800 m of 3" inter-connecting D.I. Water Transport Piping at Gas Processing Plant (GPP) Complex B, Santong, Dungun	Mar - 98
Petronas Gas Berhad	Engineering, Procurement, Construction & Commissioning (EPCC) of Two (2) Trains of 10 m3/hr Reverse Osmosis (RO) & Deionized (D.I.) Water Treatment System at Gas Processing Plant (GPP) Complex B, Santong, Dungun, Terengganu	Jan - 97









Client Name	Project Description	Project Started
PNSB Water Sdn Bhd	Upgrading Sludge loading bay covered areas for Wangsa Maju, Sg Rangkap & Sg Gombak and upgrading existing STF bulding at Cheras Batu	Aug - 17
PNSB Water Sdn Bhd	Replacement of 6' AC pipe including pipe support & fitting from intake to WTP at SG Serai	Aug - 17
PNSB Water Sdn Bhd	Replacement of damage pipe and malfunction valve of in take Sg Lolo	Mar - 17
Syarikat Perniagaan Peladang Sdn Bhd	PEDU Dam DN 2800 Butterfly Valves and DN Cone Valves Installation	Aug - 16
Beijing Water Group	Refurbishment and Upgrading for Bukit Sah Kemaman	Aug - 16
Cakna Enterprise Sdn Bhd	Construction of water storage tank, piping works, installation of booster pump and related works	Mac - 15
Dialog E&I Sdn Bhd	Conversion of 56 Unit odf Existing Manual Valves into Rotork Actuator for Langsat $1\&2$	June - 14
Southern Water Corporation	Replacement of piping and fittings complete with accessories RPF - YP3 TREAT WATER HR4	Jul - 13
Southern Water Corporation	Replacement of piping and fittings complete with accessories RPF - YP2 TREAT WATER MR10, HR1 & HR3	Jul - 13
Southern Water Corporation	Replacement of piping and fittings complete with accessories MR8, MR12 & MR11	Jun -13
Southern Water Corporation	Replacement of valve & penstock complete with accessories RVP - CIP2/YP2/33 & 69 - YP2, RPF - MR3 & HR2	Jun - 13
Southern Water Corporation	Replacement of piping and fittings, valve & penstock complete with accessories RVP - CIP2/YP3/27 & 35 - YP3, RPF - MR6, MR7 & MR9	Jun - 13
Southern Water Corporation	Replacement of mild steel Pipe 6" for suction line service water tank	Mac - 13
Southern Water Corporation	Replacement of piping, discharges pipes, valves and fittings	Mac - 12
Southern Water Corporation	Replacement of suction and discharges pipe , valves and fittings	Mac - 12
Southern Water Corporation	Replacement of pipes and valve System	Dec - 11
Southern Water Corporation	Replacement of 42 units console c/w 180 unit ROTORK actuator	Nov - 11



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COMPRESSOR CONTROLS CORPORATION - ONSHORE

Client Name	Project Description	Project Started
Malaysia LNG Sdn Bhd	Vendor Services for Module 4 Compressor Control Corporation Antisurge Controller Site Acceptance Test (SAT)	Feb - 12
Petronas Penapisan Terengganu	Upgrading K22302 & K24501 antisurge	Nov - 10
Malaysia LNG Sdn Bhd	Vendor Services for Module 4 Compressor Control Corporation Antisurge Controller Site Acceptance Test (SAT)	Apr - 10
Petronas Methanol Labuan	Upgrading of natural gas, synthesis & recycle gas compressor speed governing, anti-surge control & overspeed protection system to CCC System	Jan - 09
Petronas Methanol Labuan	Supply and deliver of pipings, fitting valves For D101A & D101B piping modification works	May - 08
Malaysia LNG Sdn Bhd	Supply and installation of CCC trainview software and hardware for MLNG Satu	Dec - 07
MTBE Malaysia Sdn Bhd	Replacement of the existing anti-surge controller system for MTBE main compressor	Nov - 07
Petronas Methanol Labuan	Upgrading of Oxygen and air compressor speed governing and antisurge control system	Jan - 07
BASF Petronas Chemical	Design, supply, installation and commissioning of compressor control system including all requires hardware and software for performance and antisurge controllers of Compressor C1100	Dec - 06
Malaysia LNG Sdn Bhd	Engineering, Supply, Delivery and Installation of CCC Trainview Software Application Program and Hardware Accessories	Aug - 05
Petronas Fertilizer (Kedah) Sdn Bhd	Design, Supply, Install, Testing and Commissioning of Turbine Governor Control For All 5 Main Compressor	Feb - 05
MTBE Malaysia Sdn Bhd	Supply and install antisurge control system Series 3 Plus Compressor Control Cooperation	Jul - 04
Asean Bintulu Fertilizer	Governor & Control System Retrofit project for CO2 & Syngas Compressor Trains & Atomisation Blower Train	Dec - 03
Petronas Gas Berhad	Supply, install $\&$ commission of CCC series 3 plus Upgrade for GPP2, 3 $\&$ 4 for PGB, Kerteh Terengganu	Sep - 03
Petronas Gas Berhad	Supply a field Service Engineer for inspection & testing of CCC compressor controls system at GGP-3 Kerteh	Aug - 03
Bp Chemicals	Supply manpower for inspection, troubleshooting & start-up of compressor control system for axial air compressor at PTA plant	Mar - 03
Petronas Gas Berhad	Supply manpower for inspection and start-up of compressor control system for Air Separation Plant compressors	Feb - 06







CALGON CARBON CORPORATION - ONSHORE

Client Name	Project Description	Project Started
Optimal Chemicals (M) Sdn Bhd	Waste water (activated carbon) treatment project	Oct - 07
Petronas Research & Scientific Services Sdn Bhd	Supply and Delivery of Calgon HGR-LH Activated Carbon and Detail of RDS and JDS Vessel for Petronas Carigali Mercury Removal Project at Resak OGT and Joint Development, Kerteh	Oct - 05
Petronas Gas Berhad	Supply & delivery catalyst sulfur Impregnated activated carbon (CALGON) for mercury removal during GPP-5 Turnaround at GPP Complex-B,Tok Arun, Paka, Dungun	Aug - 05
Petronas Fertilizer (Kedah) Sdn Bhd	Supply chemicals, Gen sulphur impregnated activated carbon	Oct - 04
Optimal Chemicals (M) Sdn Bhd	Supply, store & deliver of activated carbon for Glycol Purification Unit at Ethylene Oxide Glyocol plant for Optimal Group of Companies	Oct - 03
Petronas Gas Berhad	Supply & delivery of activated carbon type Calagon HGR 4 X 10 for Mercury Removal Unit at GPP 6	Sep - 03
OGP Technical Services	Supply & Commissioning of Activated Carbon Filter package for Malaysia LN's Sulfinol Conversion project	Mar - 03
Petronas Penapisan Melaka	Supply and delivery of activated carbon	Nov - 11
Malaysia LNG Sdn Bhd	Supply and delivery of activated carbon	Feb - 10
Petronas Ammonia Sdn Bhd	Catalyst, Activated Carbon	Mar - 09
Malaysia LNG Sdn Bhd	Catalyst, Activated Carbon	Feb - 09
ExxonMobil Exploration	Supply activated carbon type SGL 8 X 30 MFR Calgon	Nov - 05
Optimal Chemicals (M) Sdn Bhd	Supply activated carbon-Calgon, PN: 300-GLY 8X30 in 1000 lb bags	Nov - 03
Optimal Chemicals (M) Sdn Bhd	Supply, store & deliver of activated carbon for Glycol Purification Unit at Ethylene Oxide Glyocol plant for Optimal Group of Companies	Oct - 03
Petronas Gas Berhad	Supply & delivery of activated carbon type Calagon HGR 4 X 10 for Mercury Removal Unit at GPP 6	Sep - 03



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