

QMEC CONSULT SDN BHD

(952590-D)



*We provide exceptional **Quality project Management**,
multi disciplinary **Engineering design and Construction consultancy**.*

❖ Project Management

❖ Mechanical & Electrical
Plant & Building Services

❖ Civil and
Structural

❖ Architectural

❖ Mechanical Static and Rotating
Equipment

❖ Electrical

❖ Process design and
safety

❖ Instrumentations and control

HEADQUARTERS :

50081 & 50082, TINGKAT 1, KG. BARU KERTEH, JALAN KEMAMAN - DUNGUN,
24300 KERTEH, KEMAMAN, TERENGGANU DARUL IMAN.

Tel: 09 826 1234 Fax : 09 826 1984

Email: info@qmec.com.my

Website: www.qmec.com.my

KL BRANCH :

27-3, LEVEL 3, WANGSA DELIMA 13, WANGSA LINK,
53300 WANGSA MAJU, KUALA LUMPUR.

Tel: 03 41416015

Background

QMEC CONSULT Sdn Bhd (QMEC) is a multi disciplines engineering design consultant cover Process, Mechanical, Electrical, Civil and Instrumentation and Control Consultation work , QMEC has been incorporated in 2011 based in Kerteh, Kemaman in the state of Terengganu, Malaysia.

QMEC provides a wide spectrum of Engineering Design Services and Solutions to public and private sectors; Especially in Oil & Gas, Energy, Petrochemical Industries and Building Services and Local Authority Permitting work.

QMEC Core activities and services cover the following areas:-

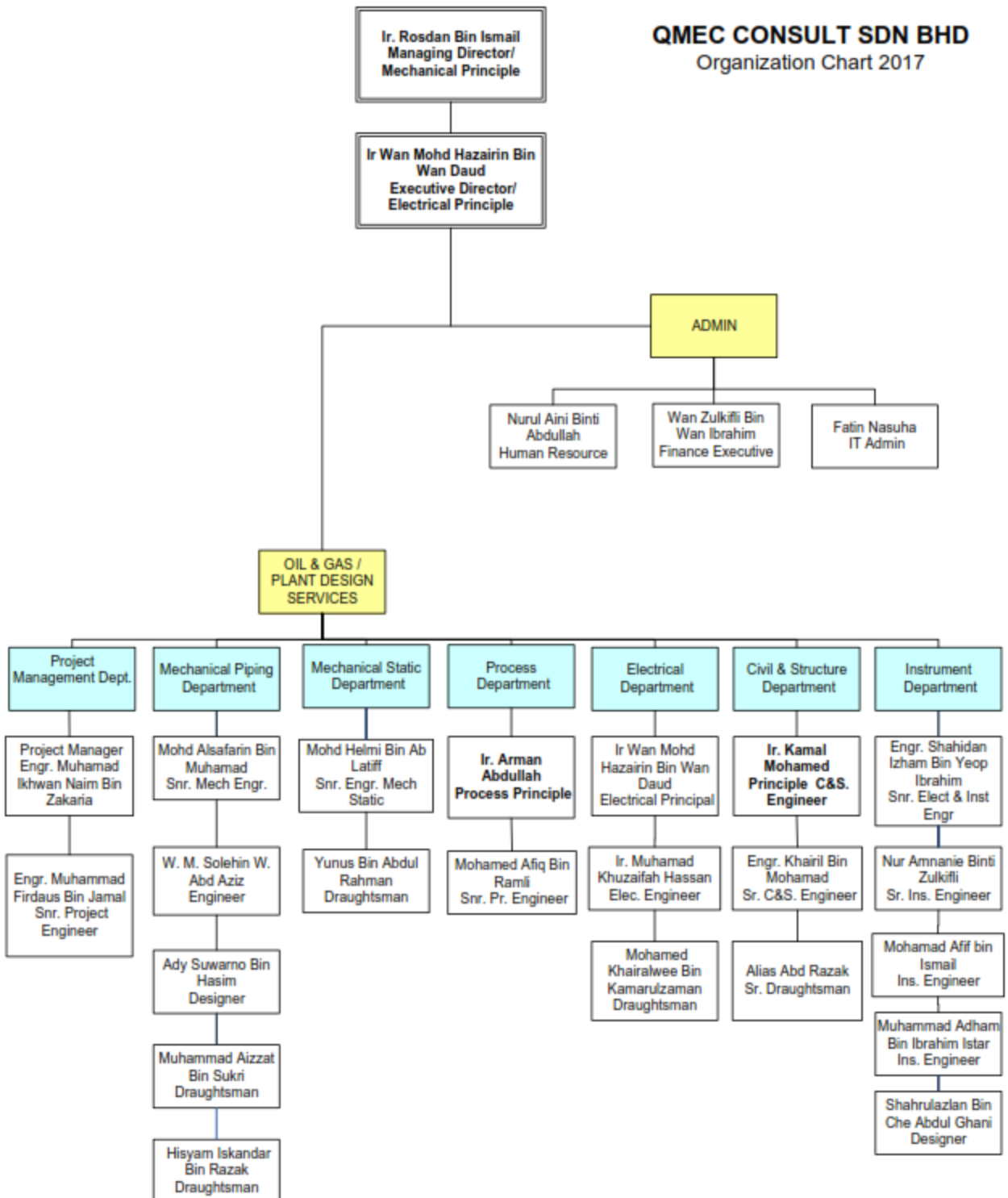
- ✓ Project Management & Planning
- ✓ Engineering Studies
- ✓ Basic & Detail Engineering Design (BED & DED)
- ✓ Tender Preparation & Evaluation and Procurement Support
- ✓ Construction Management & Supervisions
- ✓ Local authorities liaising for attainment of Certificate of Completion and Compliance.
- ✓ Drafting Services (Drawings As Building and 3D Intelligent Model)

Where necessary, we are also able to provide further resources through association with specific principals and specialist firms; Which will be integrated seamlessly into our project team to become a comprehensive one-stop consultancy firm.

QMEC has enjoyed a steady growth since inception, QMEC are staffed with experienced engineers, designer and project management team.

QMEC's clients includes local and international industry leaders such as PETRONAS group of Companies , MMC Oil and Gas, etc.

QMEC CONSULT SDN BHD
Organization Chart 2017



Certificates & Licenses

QMEC is registered with the following bodies:

- ❖ Companies Commission of Malaysia (SSM) - (No Syarikat : 952590-D)
- ❖ Board of Engineer Malaysia (BEM) - (No. Perakuan : 1212-2300-BC-1224

- ❖ Malaysia of Finance (MOF) : Reg. No. 465-02034425
(330103 – Perkhidmatan Perundingan Fizikal Kejuruteraan Elektrik)
(330104 - Perkhidmatan Perundingan Fizikal Kejuruteraan Mekanikal)

- ❖ PETRONAS-
(SC 3020101 – Consultancy Serv- Static & Piping Consultancy)
(SC 3020102 – Consultancy Serv- Rotary Consultancy)
(SC 3020200 – Consultancy Serv- Electrical Engineering Consultancy)

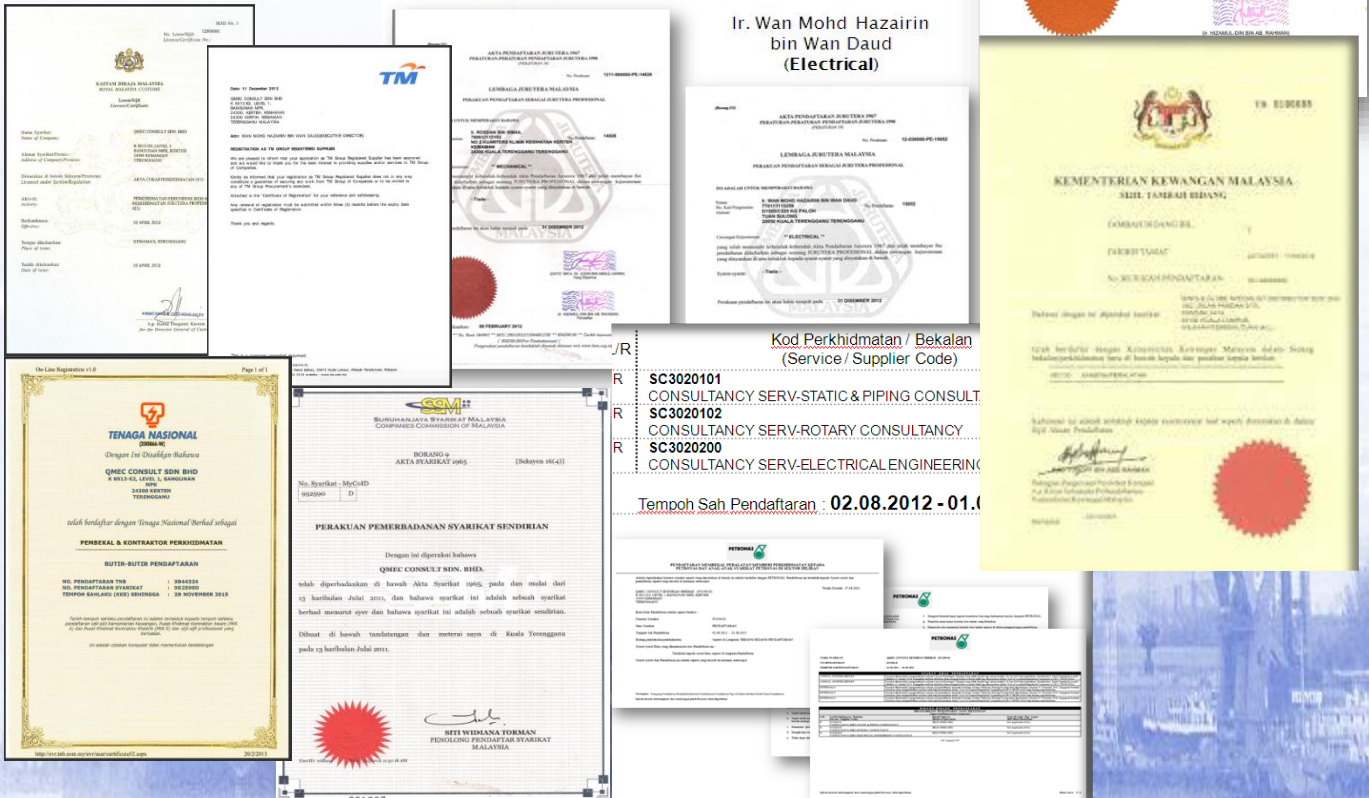
- ❖ ROYAL MALAYSIA CUSTOMS : Certificate no. 12000001

- ❖ TENAGA NASIONAL BERHAD : Reg. No. 3044324

- ❖ TELECOM MALAYSIA BERHAD : Certificate no. 1018349409
(SC 80101600 – Project management services)
(SC 81100000 – Professional Engineering services)
(SC 80101500 – Civil Engineering)
(SC 80101701 – Electrical Engineering Services)

Ir. Rosdan bin Ismail
(Mechanical)

Ir. Wan Mohd Hazairin
bin Wan Daud
(Electrical)



Kod Perkhidmatan / Bekalan
(Service / Supplier Code)

- R SC3020101 CONSULTANCY SERV-STATIC & PIPING CONSULT
- R SC3020102 CONSULTANCY SERV-ROTARY CONSULTANCY
- R SC3020200 CONSULTANCY SERV-ELECTRICAL ENGINEERING

Tempoh Sah Pendaftaran 02.08.2012 - 01.1

Services : Project Management

QMEC has the right personnel with adequate of experiences in managing projects; i.e. from project initialization until attainment of certificate of completion and compliance (CCC). To ensure new projects meet with the local authority bodies' requirements, Malaysia's new regulation (since 2007) demands each development project to be initiated and closely monitored by professionals along the project execution period where he or she then shall be the submitting person for the CCC issuance.

The project management services' main responsibilities are to coordinate the projects undertaken by the company to ensure that the projects are scheduled and run in an optimum way, provide quality work to clients / customers and improve profitability of the company.

The project management team comprises of Project Services Manager and assisted by Project Engineer(s) and Project Secretaries and Document Controllers.

QMEC has demonstrated its capability in providing exceptional services which include the following areas;-

- 1) Project management, monitoring and control based on in-house procedures. However, client's procedures also usually being practiced upon client request.
- 2) Liaison and preparation of all required information by local authority bodies such as Municipalities (Majlis Perbandaran), Fire Department (BOMBA), Environmental Department (DOE), Safety and Health Department (DOSH), Electricity power supply body (TNB) and etc.
- 3) Utilization of various modern software and tools in executing project such as in-house spread sheet, MS project, uninterrupted email and in-house project servers.



Reference Project (s):

Study, Concept Design, Engineering, Construction supervision and CCC issuance For PGB's ET Control Room Extension; KSB Integration Work; Petronas Lubricant Internation, etc.



Services : Process

Process Engineering

- Conceptual studies
- Basic Engineering Design & Detailed (BED & DED)
- Process simulation Hysis and in-house calcs. spread sheets
- Sizing & calculation (Instruments equipments, pumps, line, PSV)
- Process Datasheets
- Develop PFDs and P&IDs
- Technical reports
- Process Safety Study

Design Guidelines :

- API, GPSA

Client Standards and specification :

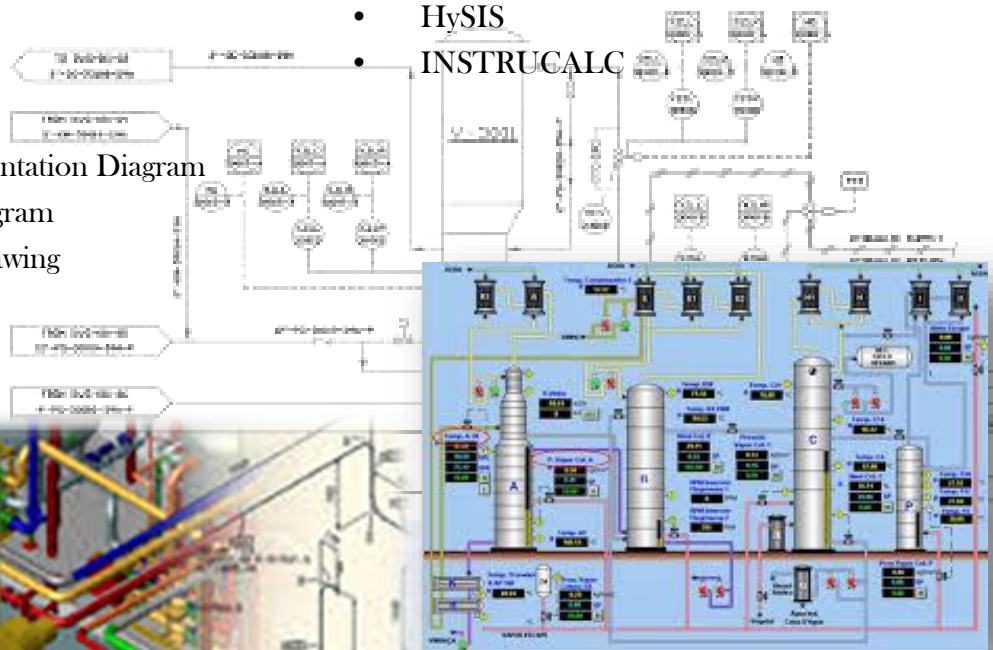
- PTS - PETRONAS
- DEP - Shell
- GS - Exxon
- MESC

Softwares

- AutoCAD
- HySIS
- INSTRUCALC

Drafting Division

- Piping & instrumentation Diagram
- Process Flow Diagram
- Cause & effect drawing



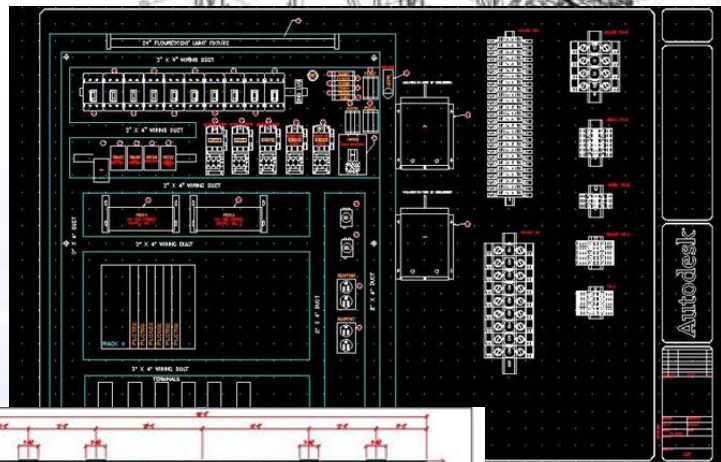
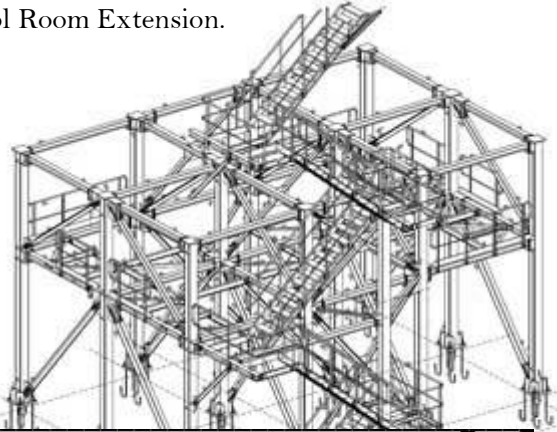
Services : Mechanical & Electrical of building services

What **QMEC** Does? Our Deliverables are as Follows:

- 1) Mechanical studies & reports
- 2) Equipment list
- 3) Bill of Quantity
- 4) Equipment sizing & calculation, specification & datasheets for the following equipments/ system:
 - ❖ Heating, Air-Conditioning And
 - ❖ Mechanical Ventilation
 - ❖ District Cooling System
 - ❖ Fire Alarm And Protection
 - ❖ Fire Sprinkler System
 - ❖ Smoke Spill And Extraction
 - ❖ Cold And Hot Water System
 - ❖ Water Filtration System
 - ❖ Water Treatment System
 - ❖ Plumbing And Sanitary Piping System
 - ❖ Booster Pumping System
 - ❖ Compressed Air System
 - ❖ Lifts, Hoists And Escalators
 - ❖ Electrical Services
 - ❖ Lighting Design
 - ❖ Public Address(PA) And CCTV System
 - ❖ Telephone And Intercom System
 - ❖ Security System
 - ❖ Lightning Protection
 - ❖ Building Automation System
 - ❖ Clean Rooms Air-Conditioning
 - ❖ Refrigeration And Cold Storage
 - ❖ Cooling Water system

Reference Project(s):

Study, Concept Design, Engineering, Construction supervision and CCC issuance For PGB's ET Control Room Extension.



Services :Mechanical Design

Mechanical Department being a major group of **QMEC**, it consists of 4 sub-sections;

1) Piping Engineering Section:

Lead by the Senior Piping Engineer. The engineering division is responsible to undertake all the process piping activities including conceptual and detail design works, studies, stress analysis and calculation, reports and specifications.

2) Equipment/ Mechanical Engineering Section:

Lead by Senior Mechanical Engineer who has vast experience in equipment design and selection such as storage API tank, pressure vessel, pumps, compressors, mixers, gas turbines, heat exchanges, packaged equipment and etc. We do preparation of technical specification and purchase support and proposal evaluation on our client behalf.

3) Mechanical Static Engineering Section:

Lead by Senior Static Mechanical Engineer. Our experience in this field such as:-

1. Design of various type of Pressure Vessel (Utility Vessels, Process Columns, Filters, Reactors, Separators, Dryer) using ASME Section VIII Div. 1 & Div. 2 Construction Code for onshore and offshore facilities
2. Design of various size of Launcher and Receiver using ASME B31.3, B31.4 & B31.8 Construction Code for onshore and offshore facilities
3. Design of various type of Shell & Tube Heat Exchanger (U-tube, Fixed type and Floating type) using ASME VIII Div. 1 & Div. 2, TEMA and API 660 Construction Code for onshore and offshore facilities
4. Design of various size of Cylindrical Storage Tank using API 650 Construction Code for onshore facilities
5. Design of various size of Rectangular Tank using Roark & Young Formula, API 650 and ASME Section VIII Construction Code for onshore and offshore facilities
6. Detail design and analysis of Finite Element Analysis (FEA) for various condition of pressure vessels, tanks and heat exchanger part using ANSYS Workbench and NozzlePro software with reference of Part 5 of ASME VIII Div. 2 Code

4) Drafting Section:

The drafting division is led by Senior Designer and responsible in carrying out piping design work (3D Piping model) and subsequently producing piping deliverables i.e. general arrangement, isometrics drawings, material take off and pipe supports.



Services :Mechanical Design

Our Typical Deliverables as follows:

Mechanical Engineering

- ❖ Mechanical conceptual studies & reports
- ❖ Equipment sizing & calculation
- ❖ Equipment specification & datasheets
- ❖ Stress analysis (Static & Dynamic)
- ❖ Equipment list
- ❖ Material Take Off (MTO)
- ❖ Rotating equipment sizing and calculations
- ❖ Pressure vessel sizing
- ❖ Firewater hydraulic calculation
- ❖ HVAC
- ❖ Specifications & datasheets of packages equipments
- ❖ API 650 Tank (Floating and Fixed Roof)

Drafting division

- ❖ CADworx 3D model
- ❖ Equipment layout
- ❖ Escape route and safety layout
- ❖ General Arrangement drawings
- ❖ Piping Plans
- ❖ Isometric drawing
- ❖ Pipe support detail
- ❖ Equipment drawing

Design guidelines :

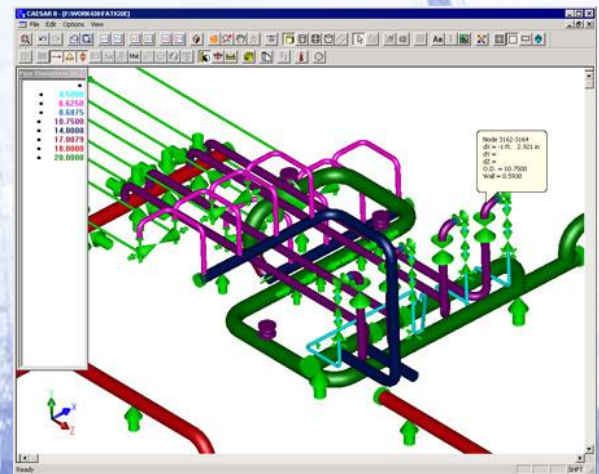
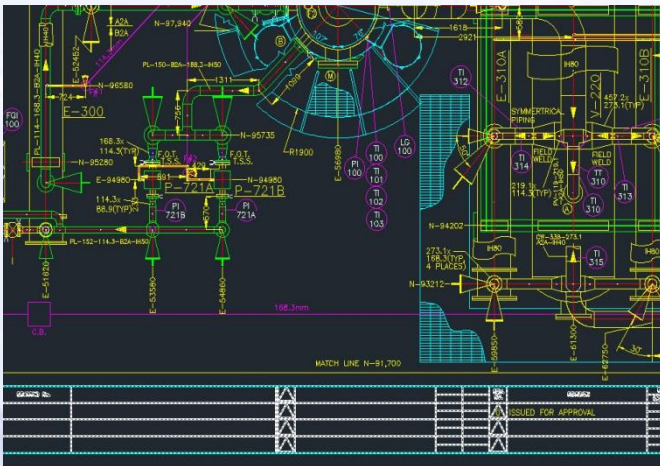
API 650, API 660, BS, ASME Section VIII Div.1 & Div.2, ASME B31.3/B31.4/B31.8, ANSI, MS, NFPA, ISO, Roark & Young Formula, TEMA.

Client standards and specification :

PTS - Petronas
DEP- Shell
GS - Exxon
MESOC

Softwares

- ❖ Caesar II or Simflex for Pipe stress analysis
- ❖ PipeNet for Hydraulic analysis
- ❖ AutoCAD/ CADWorx / Inventor
- ❖ Software for Tank Design
- ❖ PV Elite
- ❖ COMPRESS
- ❖ NozzlePro
- ❖ HTRI
- ❖ ANSYS Workbench
- ❖ StaadPro



Services :Electrical & Instrument Design

Electrical & Instrumentation Engineering division is responsible to undertake all the engineering activities including Conceptual Study & Analysis (CSA), Basic Engineering Design (BED) Front End Engineering Design (FEED) and Detail Engineering Design (DED) Engineering activities are as follows but not limited to :

ELECTRICAL

Electrical system studies

- Electrical Load Analysis
- Motor Starting & Voltage Drop Study
- Fault/Short Circuit Analysis
- Relay Coordination Study
- Electrical Load Shedding Scheme

Equipment sizing & calculation

- Cable
- AC & DC UPS
- Lighting Illumination Level
- Equipment Heat Loss

Equipment specification & datasheets

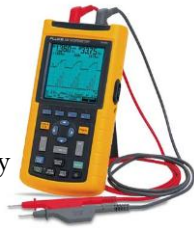
- HV/MV/LV Switchgear,
- Motor Control Center (MCC)
- Electrical Management System (EMS)
- Power Transformer, Generator and Motor
- Distribution Panel
- AC & DC UPS
- Navigational Aids System

Drafting

- Block Diagrams
- Single Line Diagram
- Hazardous Area Classification
- Electrical Layout Drawings
- Motor & Non-Motor Control Schematic Drawings
- Navigational Aids System Wiring Diagrams
- Material Take Off (MTO)

Design Guidelines

- PTS / DEP / API / BS / IEC / ASME / ANSI



INSTRUMENTATION

Basic Engineering/Conceptual Design

- Instrument Design Basis
- Instrument Control and Shutdown Philosophies
- Fire and Gas Detection Philosophies
- Fiscal Metering Philosophies
- Telecommunication Philosophies

Detailed Engineering Specifications for :

- Process Control Systems
- Shutdown Systems
- Fire and Gas Detection Systems
- Fiscal Metering Systems
- Wellhead Control Panels
- Telecommunication Systems

Sizing Calculations for :

- Flow Elements
- Control Valves
- Pressure Relief Valves

Data sheets for :

- Field Instruments
- Control Valves
- Pressure Relief Valves
- Shutdown Valves
- Analysers
- Miscellaneous Instruments
- Bulk Installation Material

Drawings

- Instrument Cable Block Diagram
- Control Room Layout Drawings
- Panel/Cabinet Drawings
- Junction Box Termination and Wiring Diagrams
- Cause and Effect Matrices
- Loop / Logic Diagrams
- Bulk Material Take-off



Services :Civil Structural Design & Engineering

Civil & Structure Engineering

- Structure integrity analysis report
- Material take off (MTO)
- Design Calculation for reinforced concrete
- Design calculation for foundation
- Design calculation for steel connection
- Design calculation for road and drainage

Drafting Division

- Foundation layout drawing
- Detailed drawing for foundation
- Detailed drawing for steel structure
- Detailed drawing for steel connection
- Detailed drawing for road and paving
- Detailed drawing for baseplate

Design Guidelines :

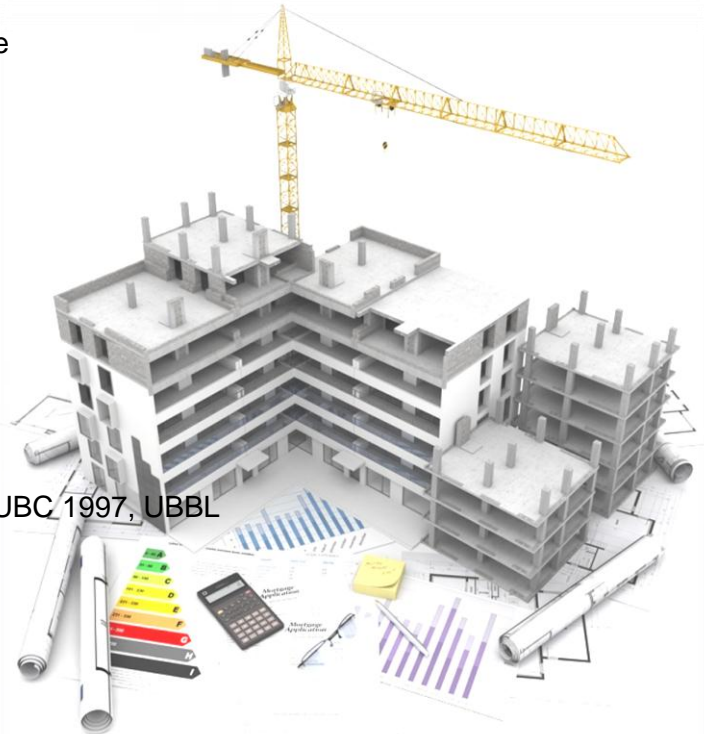
- BS, Roark & Young Formula, MASMA, UBC 1997, UBBL

Client Standards and specification :

- PTS – PETRONAS
- DEP – Shell
- GS – Exxon
- MESOC

Softwares

- AutoCAD
- TEDDS
- NAVIWORK
- SACS
- StaadPro



2012/13 Projects

No	PROJECT	CLIENT
1	FIRE SAFETY DESIGN PHILOSOPHY AT TIOXIDE PLANT	TEBODIN (M) SDN BHD
2	ENG DESGN FOR E&I OF WASTE WATER TREATMENT PLANT REJUVENATION AT ETHYLENE (M) SDN BHD	CGE SYSTEM SDN BHD
3	M&E LIAISON WITH LOCAL AUTHORITY & PROFESSIONAL ENGINEER REVIEW AND ENDORSEMENT AT TIOXIDE	TEBODIN (M) SDN BHD
4	DETAIL ENGINEERING DESIGN (DED) OF BIO-DIESEL NATIONWIDE IMPLEMENTATION AT PDB LUMUT & KUANTAN.	MECIP GLOBAL ENGINEERS
5	ENGINEERING DESIGN FOR ELECTRICAL & STRUCTURAL FOR DULANG PLATFORM	TANJUNG OFFSHORE SDN BHD
6	PREPARATION OF FABRICATION DRAWING FOR WASTE WATER TREATMENT PLANT REJUNEVATION PROJECT	CGE SYSTEM SDN BHD
7	DETAILED ENGINEERING DESIGN FOR INSTALLATION OF 40 NEW VALVES AND ITS ACCESS PLATFORM AT COOLING TOWER LINE AT OPTIMAL	MECIP GLOBAL ENGINEERS
8	BASIC ENGINEERING DESIGN OF NEW LAB CONSTRUCTION AT PETRONAS LUBRICANT SDN. BHD. MELAKA LUBE BLENDING PLANT (MLBP)	PETRONAS LUBRICANT SDN. BHD.
9	ENGINEERING RE-DESIGN FOR INSTRUMENT AIR VESSEL	UBF MAINTENANCE SDN BHD
10	PROVISION TO UPGRADE SMP-A OPERATIONAL METERING SKID	DERMAGA OIL & GAS SDN BHD
11	ENGINEERING HUC DRAWING FOR SMDP-A	TANJUNG OFFSHORE SERVICE SDN BHD
12	PROVISION FOR HUC ENGINEERING WHCP DULANG C & D PLATFORM	TANJUNG OFFSHORE SERVICE SDN BHD
13	DETAIL ENGINEERING DESIGN OF VENT LINES SYNTHOMER FOR QUALITY POLYMER SDN BHD.	QUALITY POLYMER SDN BHD
14	PROVISION OF LAUNCHER & RECEIVER FOR PCSB	MSET/PCSB
15	PIPING ENGINEERING DESIGN WORK FOR NATURAL GASES FOR KANEKA PLANT, KAM	NUFA ENGINEERING SDN BHD/ KANEKA
16	PROVISION OF ENGINEERING, PROCUREMENT, CONSTRUCTION AND COMMISSIONING (EPCC) FOR INSTALLATION AND INTEGRATION OF OWNER'S SUPPLIED SKIDS FOR ADVANCED CO2 PILOT AT GPP3, PGB, KERTEH,	DPETRO SDN BHD/PGB
17	DRAFTING WORK FOR CONVERSION OF HARDCOPY DRAWING INTO CAD FILE.	CGE SYSTEM SDN BHD
18	STRUCTURAL & PIPING ANALYSIS OF FLEXIBLE PIPING SYSTEM AT MOPU-BELOK C	BIZWORTH/PCSB
19	DETAIL ENGINEERING DESIGN OF BIO-DIESEL NATIONWIDE IMPLEMENTATION AT PDB LUMUT & KUANTAN	MGE(PDB)
20	ENGINEERING FOR ELECTRICAL & STRUCTURAL	BUMI WANGSA/PCSB

2012/13 Projects

No	PROJECT	CLIENT
21	DEVELOPMENT OF SOW FOR PROVISION OF PP(T)SB CIVIL STRUCTURE MAINTENANCE TERM CONTRACT	MGE/PPTSB
22	DETAIL ENGINEERING DESIGN OF 3 SUBSTATION AND SUBMISSION TO LOCAL AUTHORITY	BBTECH/ARKEMA
23	ADDITIONAL COST FOR DED FOR E&I WWT PLANT REJUVENATION	CGE/ETHLEYNE
24	EPCC OF HYDROGEN SKID FOR ARGON PLANT AT ASU-2 CUF KERTEH	D-PETRO/PGB
25	STRESS ANALYSIS OF VENT LINE SYNTHOMER	SYNTHOMER
26	CONCEPTUAL ENGINEERING STUDY FOR NEW LAUNCHER & RECEIVER AT FPSO BUNGA KERTAS, PENARA (PEDP-A) & NORTH LUKUT (NLDP-A)	MSET/PCSB
27	PROVISION TO UPGRADE SMP-A OPERATIONAL METERING SKID	DERMAGA OIL & GAS SDN BHD
28	BASIC ENGINEERING DESIGN FOR INSTRUMENTATION CONTROL, SAFEGUARDING SYSTEM AND PIPE MODIFICATION FOR FURNACE	PPTSB
29	THIRD PARTY ELECTRICAL INSPECTION SERVICES AT ECRO	PETRONAS/ECRO
30	PROVISION OF BASIC ENGINEERING DESIGN WORK FOR SWITCHGEAR & MCC UPGRADING PROJECT AT TCOT FOR PCSB	MMC/PCSB
31	ENGINEERING DESIGN FOR BOILER NOISE MITIGATION	ENPROSERVE/PPTSB
32	ENGINEERING HUC DRAWING FOR SMDP-A	PCSB/TANJUNG OFFSHORE
33	PROVISION FOR HUC ENGINEERING WHCP DULANG C & D PLATFORM	PCSB/TANJUNG OFFSHORE
34	PIPING ENGINEERING DESIGN WORK FOR NATURAL GASES FOR KANEKA PLANT, KAM	KANEKA/NUFA
35	REPLACEMENT OF UNDERGROUND FIREWATER PIPING TO GLASS FIBRE REINFORCED PLASTIC (GRP) AT GAS PROCESSING PLANT COMPLEX A (GPPA), PLANT OPERATION DIVISION, PETRONAS GAS BERHAD	PGB/ENPROSERVE
36	PIPE STRESS ANALYSIS FOR BOOSTER COMPRESSOR DISCHARGE ALLOCATION METERING SYSTEM AT LGAST	DERMAGA
37	ENGINEERING FOR DULANG A AND DRAFTING FOR DULANG B	PCSB/TANJUNG OFFSHORE
38	ENGINEERING HUC DRAWING FOR SMJT-C	PCSB/TANJUNG OFFSHORE
39	CUFK METERING UPGRADE	CUF/TRANSWATER
40	AS BUILDING WORK FOR DUYUNG A, C	PCSB/BUMIWANGSA
41	AS BUILT AND DESIGN WORK FOR DUYUNG B	PSCB/BUMIWANGSA

2013/14 Projects

No	PROJECT	CLIENT
42	AS BUILDING WORK FOR BEKOK A & B	PCSB/BUMIWANGSA
43	FOUNDATION ANALYSIS FOR BOOSTER COMPRESSOR DISCHARGE ALLOCATION METERING SYSTEM AT LGAST	DERMAGA
44	EPCC OF DRAINAGE IMPROVEMENT PROJECT AT GAS PROCESSING PLANT-A (GPP-A) - NEW SUMP PIT DESIGN & MODIFICATION	PGB/COSMIC
45	ENGINEERING DESIGN FOR 7 PROJECT	PPTSB/ENPROSERVE
46	DESIGN CALCULATION FOR EXISTING AUTOCLAVE TO ASME STANDARD FOR KANEKA (M) SDN BHD	KANEKA
47	PROVISION OF LANDWATER & RECEIVER PL67 FOR PETRONAS CARIGALI SDN BHD	PCSB/MSET
48	PROVISIONAL OF MANPOWER SUPPLY FOR DRAFTING WORK	PPMSB/DEEP SEA
49	PROVISION OF BASIC ENGINEERING DESIGN WORK FOR IPF IMPLEMENTATION AT DULANG COMPLEX FOR PCSB	PCSB/TRISYSTEM
50	PROVISION OF BASIC ENGINEERING DESIGN WORK FOR IPF IMPLEMENTATION AT ANGSI FOR PCSB	PCSB/TRISYSTEM
51	COG CALCULATION FOR MBC SKID AND LIFTING LUG DESIGN	PGB/DPETRO
52	PROVISION OF DETAIL ENGINEERING FOR FIRE AND GAS SYSTEM REPLACEMENT AND UPGRADING AT TCOT & OSC	PCSB/SEDIA TEGUH
53	DED OF FIRED HEATER SAFEGUARDING IMPROVEMENT PROJECT	TRISYSTEM / PPTSB
54	DETAIL ENGINEERING DESIGN FOR KR1 TANK OVERFILL PROTECTION	PPTSB/HONEYWELL/ZSR
55	DED OF F101 FIRED HEATER SAFEGUARDING IMPROVEMENT PROJECT	PPTSB/HONEYWELL/ZSR
56	DETAILS DESIGN FOR LUBOIL BLENDING METER AT SHELL REFINING CO. (SRC) PORT DICKSON	ENDRESS HAUSSER/ SHELL
57	DETAIL ENGINEERING DESIGN FOR PCESB BOG COMPRESSOR	PCESB
58	IMPROVEMENT OF PRODUCT GAS AND LIQUID SAMPLING POINT AT PPTSB	TMM ENGINEERING/ PPTSB
59	ENGINEERING, PROCUMENT, CONSTRUCTION AND COMMISIONING (EPCC) OF RESAK LINE UPGRADING (RLU) PROJECT AT GAS PROCESSING PLANT (GPP), KERTEH	GPP/ DPETRO
60	STRUCTURAL ANALYSIS FOR INSTALLATION OF WHD B01 AT SUMANDAK PLATFORM	SOLAR ALERT/ PCSB
61	STRUCTURAL ANALYSIS FOR INSTALLATION OF WHD B11 AT SUMANDAK PLATFORM	SOLAR ALERT/ PCSB
62	DESIGN CALCULATION AND PE ENDORSEMENT FOR BLEED RING	PROMAT
63	TO PREPARE ENGINEERING DESIGN 3D DRAWING FOR ICON	EVEREST OIL & GAS/ PDB
64	PE ENDORSMENT FOR STRUCTURE INTEGRITY ANALYSIS REPORT FOR SOLVENT FILTER PLATFORM	DOMINANT/ MLNG
65	PROVISION OF DETAIL ENGINEERING DESIGN FOR P3 HAMMERING RECTIFICATION PROJECT AT PPTSB	DOMINANT/ PPTSB

2013/14 Projects

No	PROJECT	CLIENT
66	ENGINEERING DESIGN DRAWING OF PEDESTRIAN WALKWAY AT PCOGD ADMIN BUILDING	EVEREST OIL & GAS
67	DETAIL ENGINEERING DESIGN PCESB BOG COMPRESSOR	PCESB
68	PROVISION OF DETAILED ENGINEERING DESIGN FOR POLYGLYCOL INJECTION FACILITIES	PCOGD
69	FRONT END ENGINEERING DESIGN DETAILED ENGINEERING DESIGN_ FGS MAPPING IMPLEMENTATION	TRISYSTEMS/ PMO
70	PROVISION FOR DETAILS DESIGN OF FACILITIES FOR ORIGINS PROJECT- PACKAGES 2	TANJUNG OFFSHORE/ SBO
71	PROVISION FOR DETAILS DESIGN OF FACILITIES FOR ORIGINS PROJECT – PACKAGES 3	TANJUNG OFFSHORE/ SKO
72	PROVISION OF BASE PLATE STRENGTH ANALYSIS FOR PROPOSED FABRICATED FOR P-736 SKID PUMP	TTES
73	DED FOR KR1 NEW DAC ROUTING PROJECT	CKJ ENGINEERING
74	EPC OF BURNER MANAGEMENT SYSTEM PROJECT AT PCESB	ENPROSERVE
75	PROVISION OF DETAIL ENGINEERING DESIGN FOR DULANG AND ANGSI FIRE SUPPRESSION UPGRADE	DWISOLAR
76	CONSULTANCY SERVICE FOR CIVIL AND STRUCTURE WORK FOR CCTV AND PIDS SYSTEM PROJECT AT TCOT & OSC	AXIS TECHNOLOGY
77	LIFTING LUG CALCULATION	ANZ ENGINEERING
78	FUEL GAS HEADER MODIFICATION PROJECT AT PCASB	UBF MAINTENANCE
79	DED OF NEW INSTALLATION AND MODIFICATION OF 8 INCH MEDIUM STEAM LINE AT NSE PLANT	NSE ENERGY
80	MECHANICAL DESIGN OF 4" & 6" AIR RECEIVER FOR DIPETRO SYNERGY SDN BHD	DIPETRO SYNERGY
81	STRUCTURE INTIGRITY ANALYSIS FOR TK-340 SUPPORT FRAME	ENPROSERVE
82	CALCULATION OF FABRICATED BLIND FOR LIFTING PURPOSE AT HUNTSMAN TIOXIDE SDN BHD	ENPROSERVE
83	STRUCTURE INTIGRITY ANALYSIS FOR TEMPORARY SUPPORT AT PCFK	UBF MAINTENANCE
84	MECHANICAL DESIGN OF BLASTING POT FOR UBF MAINTENANCE SDN BHD	UBF MAINTENANCE
85	MECHANICAL DESIGN TEST BENCH VESSEL FOR UBF MAINTENANCE SDN BHD	UBF MAINTENANCE
86	EPCC OF LPG CHLORIDE TREATER PROJECT AT PPTS B	UBF MAINTENANCE
87	EPCC FOR WATER COOLED HEAT EXCHANGER AT GPP2, GPP3 & GPP4, GAS PROCESSING KERTEH	DIPETRO SYNERGY
88	ENGINEERING DESIGN WORK FOR STEEL VERTICAL TANK	UBF MAINTENANCE
89	EPCC PRODUCT GAS AND LIQUID SAMPLING POINT PROJECT AT PPTS B	RED TEAM
90	DETAIL ENGINEERING DESIGN OF DIESEL AND FRESH WATER PIPING FOR PURPOSE OF CONSTRUCTION AND COMPLETION OF TANK FARM ON LOT 3260 AT TOK BALI SUPPLY BASE	WHE BINA SDN BHD
91	PROVISION OF PCC FOR FIRE WATER PUMP UPGRADE AT DUYUNG DRILLING PLATFORM A	BAYU PURNAMA SDN BHD

2014/15 Projects

No	PROJECT	CLIENT
92	PROVISION OF EPCC FOR FIRE WATER PIPING AT PSR-1 FIRE WATER RING AND FOAM PIPING, FIRE WATER PIPING, PORTABLE WATER PIPING AND HYDRANTS AT JETTY AREA	HADID ENGINEERING (M) SDN BHD
93	WATER TRICKLING SYSTEM FOR EPCC OF DRAINAGE IMPROVEMENT PROJECT AT GPP-A	COSMIC GROUP SDN BHD
94	ENGINEERING DESIGN WORK FOR DETAIL DESIGN OF 2 UNITS OF AIR MANIFOLD	DIPETRO SYNERGY ENG SDN BHD
95	DETAILED ENGINEERING DESIGN OF NEW INSTALLATION AND MODIFICATION OF 8" NEDIUM STEAM LINE AT NSEE PLANT	NSE ENERGY SDN BHD
96	DETAILS ENGINEERING DESIGN FOR ORIGINS PROJECT - PACKAGE 2	TANJUNG OFFSHORE SERVICES SDN BHD
97	DETAILS ENGINEERING DESIGN FOR ORIGINS PROJECT - PACKAGE 3	TANJUNG OFFSHORE SERVICES SDN BHD
98	PMO WIDE H2 DETECTOR UPGRADE ENGINEERING & CONSULTATION	TRISYSTEMS
99	PROVISION OF BASE PLATE STRENGTH ANALYSIS FOR PROPOSED FABRICATED FOR P-736 SKID PUMP	TTES TEAM SPECILIST SDN BHD
100	TK 348 REFURBISHMENT OF PRECIPITATION TANK NO.1 243/001	UBF MAINTENANCE SDN BHD
101	RELOCATION OF PUMP P-305A & P-305B, METERING AND ASSOCIATED CONTROL FROM PRESENT LOCATION AND CONNECT TO THE TANK T-106 AND VALIDATE PROCESS AND MECHANICAL INTEGRITY OF TANK T-106 FOR METHANOL STORAGE	UBF MAINTENANCE SDN BHD
102	TA CHRISTMAS TREES DOSH REGISTRATION	UBF MAINTENANCE SDN BHD
103	PROVIDE STRESS ANALYSIS REPORT FOR FUEL GAS HEADER PIPING	UBF MAINTENANCE SDN BHD
104	PROVISION OF MP & RSU DESUPERHEATER PROJECT AT PPTSB	TMM ENGINEERING
105	COOLING WATER PIPING STRUCTURAL SUPPORT ANALYSIS	ENPROSERVE (M) SDN BHD
106	DETAIL ENGINEERING DESIGN OF REPAIR WORK OF CORED OPENING AT HUNTSMAN TIOXIDE	ENPROTRADE SDN BHD
107	UNDERGROUND FIRE WATER AND RAW WATER PIPING AT GPP1,GPK	ENPROSERVE (M) SDN BHD
108	DETAIL ENGINEERING DESIGN OF DIESEL AND FRESH WATER PIPING FOR PROPOSED OF CONSTRUCTION AND COMPLETION OF TANK FARM ON LOT 3260 AT TOK BALI SUPPLY BASE	H2R OIL & GAS SDN BHD
109	ENGINEERING DESIGN FOR INSTALLATION OF NEW PSV	TRANSWATER
110	DETAIL ENGINEERING FOR INSTALLATION OF DISCHARGE DAMPENER AT RESAK CTP	TTES TEAM SPECILIST SDN BHD
111	SUPPLY & INSTALLATION OF PHYSICOCHEMICAL TREATMENT & SLUGDE DEWATERING PACKAGE (GIST)	ENPROSERVE (M) SDN BHD

2015/2016 Projects

No	PROJECT	CLIENT
112	DED FOR KR1 NEW DEC ROUTING PROJECT	CKJ ENGINEERING & SERVICES SDN BHD
113	PROVISION OF DETAIL ENGINEERING FOR P3 HAMMERING RECTIFICATION PROJECT AT PPTS B	DOMINANT ENERGY SDN BHD
114	DETAILED ENGINEERING DESIGN OF BURNER MANAGEMENT SYSTEM (BMS) PROJECT AT PETRONAS CHEMICALS ETHYLENE SDN BHD	ENPROSERVE (M) SDN BHD
115	CONSULTANCY SERVICES FOR APPLICATION OF CCC FOR CENTRAL REGISTRY AND DRAWING OFFICE MAINTENANCE MARINE HOUSE SHED AND KR-1 WAREHOUSE CHEMICAL STORE	MMC Oil & GAS
116	ENGINEERING FOR EXPORT TERMINAL CONTROL ROOM EXTENSION	MMC Oil & GAS
117	TMJV FAB. OF PRESSURE VESSELS & RECTANG	MMHE-ATB SDN BHD
118	PROVISION FOR ENGINEERING DESIGN FOR POLYGYCOL INJECTION FACILITIES	PETRONAS CHEMICAL DERIVATIVES SDN BHD
119	ENGINEERING SERVICES FOR HULL STORAGE TANKS	TECHNIP MMHE (MALIKAI) JOINT VENTURE
120	CADANGAN MEMBINA RUMAH KEDIAMAN KAKITANGAN DAN KANTIN BESERTA KEDAI PEJABAT SECARA BERFASA	EASTERN STEEL SDN BHD
121	PROVISION FOR PROFESSIONAL SERVICES OF MECHANICAL AND ELECTRICAL SYSTEM FOR PROPOSED 'PEMBANGUNAN INSIDUSTRI BESI DAN KELULI DI ATAS LOT 6294, TELUK KALONG	EASTERN STEEL SDN BHD
123	#SAIPEM FAB. OF 16 NOS CARBON STEELS UTI	MMHE-ATB SDN BHD
124	#SAIPEM FAB. OF 26 NOS SEPARATORS & CARB	MMHE-ATB SDN BHD
125	#HHI FAB. OF 2 UNITS WATER STORAGE TANK	MMHE-ATB SDN BHD
126	PMO WIDE H2 DETECTOR UPGRADE ENGINEERING & CONSULTATION	TRISYSTEMS
127	ENGINEERING DESIGN WORK FOR 25 DESIGN OF HEAT EXCHANGER FOR LOTTE CHEMICAL PROJECT	MMHE-ATB SDN BHD
128	FINITE ELEMENT ANALYSIS (FEA) WORK FOR GANGWAY BEARING HOUSING BOLT	SAA ENGINEERING & MARINE SDN BHD
129	ENGINEERING DESIGN WORK FOR 18 DESIGN OF HEAT EXCHANGER FOR RAPID PROJECT	MMHE-ATB SDN BHD
130	PROVISION OF SUPPLY MANPOWER FOR MECHANICAL DESIGNING, ANALYSIS AND SHOP-DRAWINGS FOR THE BOG RECONDENSER AND JETTY KO DRUM FOR RGT-2 TERMINAL PROJECT	MMHE-ATB SDN BHD
131	TO PROVISION OF ENGINEERING, PROCUREMNET, CONSTRUCTION, INSTALLATION & COMMISIONING FOR 42-C-3 THIRD TRANSFORMER (PC-30090)	EDGENTA PROPEL BERHAD

2015/2016 Projects

No.	PROJECT	CLIENT
132	PROVISION OF SBO SUMANDAK FOR FLARE PIPING AND EQUIPMENT REINSTATEMENT	TANJUNG OFFSHORE SERVICES SDN BHD
133	ENGINEERING DESIGN USING FINITE ELEMENT ANALYSIS (FEA) FOR TEMPORARY SUPPORT ON TANK REPAIR	HIGHBASE STRATEGIC SDN BHD
134	THE PROVISION OF ENGINEERING DETAIL DESIGN FOR UPS UPGRADING PROJECT AT BEKOK-A PLATFORM	G TWO TECH ENGINEERING SDN BHD
135	PROVISION OF ENGINEERING, PROCUREMENT, CONSTRUCTION & COMMISSIONING (EPCC) FOR CCTV & PERIMETER INTRUSION SYSTEM AT TCOT & OSC FOR PCSB.	INL ENGINEERING & SERVICES
136	ELECTRICAL AND INSTRUMENTATION / TELECOMMUNICATION RE-ENGINEERING WORKS FOR PROJECT : PROVISION OF DESIGN & BUILD SERVICE FOR SABAH OIL & GAS TERMINAL (SOGT) ELEVATED ACCESS ROAD, PETRONAS CARIGALI	MIE INFRASTRUCTURE & ENERGY SDN BHD
137	ENGINEERING SERVICE COST P&ID & PMS DEVELOPMENT FOR FPSO BERTAM - P&ID DEVELOPMENT	ARECATECH SDN BHD
138	PACKAGE 14-1702 - UTILITIES, INTERCONNECTING, OFFSITE (UIO) FACILITIES	WCT CONSTRUCTION SDN BHD
139	PCMTBE KIMAU PURUT PROJECT	DOMINANT ENERGY SDN BHD
140	CONSULTANCY SERVICES FOR INTEGRATION OF KEMAMAN SUPPLY BASE AND RELATED WORKS, MUKIM TELUK KALONG, DAERAH KEMAMAN, TERENGGANU DARUL IMAN	PANGKALAN BEKALAN KEMAMAN SDN BHD
141	CARBON FIBE R&D AND FROFESSIONAL ENGINEER ENDORSEMENT	SIRIM BERHAD
142	ENGINEERING, PROCUREMENT, CONSTRUCTION AND COMMISIONING (EPCC) OF WATER COOLED HEAT EXCHANGER INSTALLATION AT GPP2, GPP3 & GPP4, GAS PROCESSING KERTEH (GPK)	DIPETRO SYNERGY ENG SDN BHD
143	PROVISION OF ENGINEERING DESIGN FOR PORTABLE WATER PACKAGE FOR P-5201 A/B AND P5202 A/B FOR RGT-2 TERMINAL PROJECT, PENERANG JOHOR (CONTRACT NO : 5000292858) - FOR MACFEAM SDN BHD	PETRO FEAM PROCUREMENT SERVICES SDN BHD
144	TO INSTALL A 2" VENT VALVE AT E-2113 AND E-2213 SHELL SIDE	ENPROTRADE SDN BHD
145	ENGINEERING WORK FOR PROJECT PROVISION OF EPCC OF TWO (2) UNIT HP/IP LETDOWN CONTROL VALVE AT UTILITY KERTEH (UK), PETRONAS GAS BERHAD (PGB)	METAL BLAZ (M) SDN BHD
146	PROVISION OF ENGINEERING, PROCUREMENT, CONSTRUCTION AND COMMISSIONING SERVICES FOR REPLACEMENT OF TRS COLDBOX AT PCESB	DIPETRO SYNERGY ENG SDN BHD
147	DED FOR HP STEAM IMPORT LINE FROM KR1 TO KT24101 (F-24301) PROJECT AT PETRONAS PENAPISAN (T) SDN BHD	ENPROSERVE (M) SDN BHD
148	TK381 TETRA STRUCTURE RENEWAL	ENPROTRADE SDN BHD
149	DOUBLE ISOLATION VALVE FOR HIGH PRESSURE FEED WATER PUMP (HPFWP)	INTEGRATED MIE SDN BHD
150	PROVISION OF PALLET RECYCLE SYSTEM PHASE 2 - DETAILED ENGINEERING DESIGN (DED) FOR TIE-IN WORK	MIE OFFSHORE SOLUTIONS SDN BHD

2016/17 Projects

No	PROJECT	CLIENT
151	CONSULTANCY SERVICES, FRONT END ENGINEERING DESIGN AND PROJECT MANAGEMENT SYSTEM (PMS) UPGRADE PROJECT AT GAS DISTRICT COOLING PUTRAJAYA PLANT 1	GAS DISTRICT COOLING (PUTRAJAYA) SDN BHD
152	EEMPMI GUNTONG A PLATFORM PGS UPGRADE PROJECT (INSTALLATION & MTO DRAWINGS) CMN	TRISYSTEM SDN BHD
153	PROVISION OF ENGINEERING DESIGN FOR SPREADER BAR STRUCTURE AND LIFTING LUG FOR LIFTING OF 45 TONNES SQE EQUIPMENT AT PCOGD PLANT	ENPROSERVE (M) SDN BHD
154	PROVISION OF ENGINEERING DESIGN FOR LIFELINE FOR TANK MAINTENANCE AT PPTSB	DIPETRO SYNERGY ENGINEERING SDN BHD
155	ENGINEERING SERVICES FOR PROJECT FABRICATION AND INSTALLATION OF STEEL STRUCTURE FOR PERMANENT SHELTER FOR OGT KIYANLY, TURKMENISTAN	ISHENGIR ENTERPRISE
156	ENGINEERING DESIGN FOR SERVICE WATER AT GPK PLANT, PETRONAS GAS BERHAD	ENPROSERVE (M) SDN BHD
157	STRUCTURE INTEGRITY CHECK OF EXISTING STRUCTURE AND CALCULATION OF FABRICATED BLIND REPLACEMENT OF CONCENTRATOR NO.1	ENPROTRADE SDN BHD
158	TK420- PROVISION OF ENGINEERING DESIGN, PROCUREMENT, FABRICATION, INSPECTION AND INSTALLATION OF NEW PRECIPITATION TANK & TK383	UBF MAINTENANCE SDN BHD
159	TK 414 ZICRONIUM TANK FABRICATION & INSTALLATION	UBF MAINTENANCE SDN BHD
160	PROVISION OF DETAIL ENGINEERING DESIGN FOR T-351 BY-PASS LINE AT PETRONAS GAS BERHAD	ENPROSERVE (M) SDN BHD
161	PROVISION OF ENGINEERING DESIGN FOR COLUMN INTEGRITY CHECK, SADDLE STRUCTURE AND PIPE SUPPORT FOR REPLACEMENT OF CO2 ABSORBER AT PCASB	DIPETRO SYNERGY ENGINEERING SDN BHD
162	ENGINEERING DESIGN FOR NEW AMMONIA PIPELINE FROM T-JUNCTION TO BERTH 2 AT KERTIH TERMINALS SDN BHD	DIALOG PLANT SERVICES SDN BHD
163	PROVISION OF ENGINEERING DESIGN FOR LIFELINE & NOZZLE INTEGRITY FOR MAINTENANCE OF TANK D-914 AT PPTSB	DIPETRO SYNERGY ENGINEERING SDN BHD
164	PROVISION OF ENGINEERING DESIGN FOR SPREADER BAR STRUCTURE AND LIFTING LUG FOR SAFE WORKING LOAD (SWL) 120 TONNES	DIPETRO SYNERGY ENGINEERING SDN BHD
165	ENGINEERING STUDY FOR PUMP P-506	KERTIH TERMINALS SDN BHD
166	TO PROVIDE SERVICES FOR CONDENSATE WATER STORAGE TANK, PROCUREMENT AND FABRICATION IN ACCORDANCE TO API 650	MISI SETIA O&G SDN BHD
167	DED FOR OXYGEN ANALYZER IMPROVEMENT PROJECT AT PCOSB	ZSR VORTICES SDN BHD
168	PENYEDIAAN REKA BENTUK KEJURUTERAAN BAGI CADANGAN PEMBINAAN STESEN MINYAK PETRON DI GEMUROH, KUALA NERUS	GEMUROH GROUP SDN BHD
169	PREPARE HAZARDOUS AREA CLASSIFICATION	ONE CHEM TERMINALS SDN BHD

HOW TO CONTACT US?

HEADQUARTERS

50081 & 50082, Level 1, Kg. Baru,
Jalan Kemaman - Dungun,
24300 Kertih, Kemaman, Terengganu,
Malaysia.

Tel: +609 826 1234
Fax: +609 826 1984

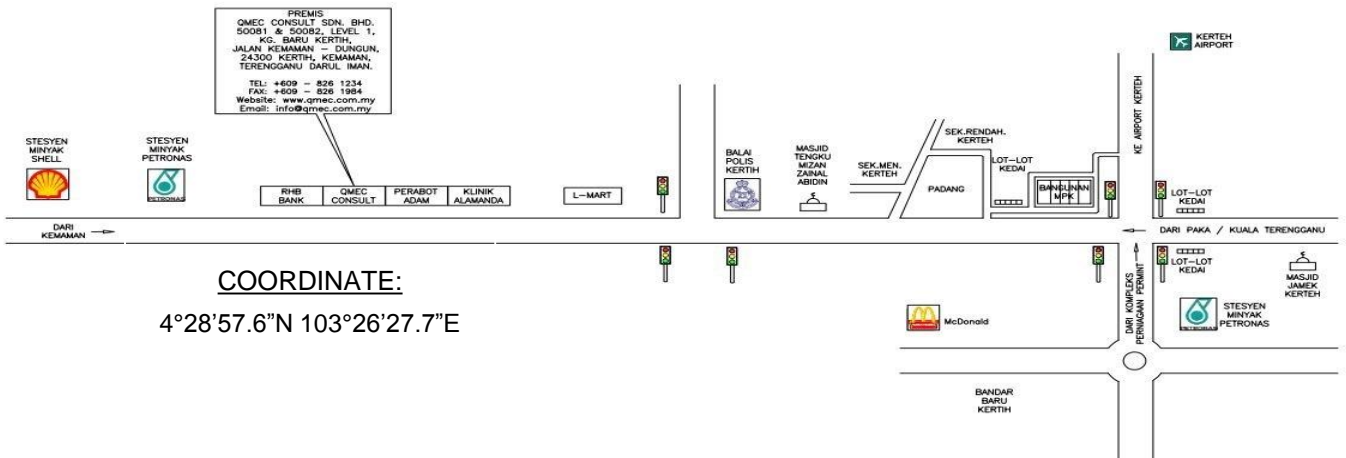
KL OFFICE

27-3, Level 3,
Wangsa Delima 13,
D' Wangsa (Wangsa Link), 53300
Wangsa Maju, Kuala Lumpur,
Malaysia

KT OFFICE

Lot PT 5151, 2nd Floor,
Dataran Emas, Jalan Sultan Sulaiman,
20000 Kuala Terengganu,
Malaysia.

PETA LOKASI QMEC CONSULT SDN. BHD.



www.qmec.com.my
www.qmec.wordpress.com
info@qmec.com.my

**QMEC Company
Profile**