



**IGL SERVICES SDN. BHD.**  
**(1090632-P)**

**CORPORATE PROFILE**

B-9-8, Megan Avenue II  
12 Jalan Yap Kwan Seng  
50450 Kuala Lumpur

☎: +603-2161 0884  
+603-8062 4671

📠: +603-2161 1489

✉ [enquiries@igl.com.my](mailto:enquiries@igl.com.my)  
💻 [igl.com.my](http://igl.com.my)

## About IGL

IGL Services Sdn Bhd was incorporated in 2014, following the establishment of IGL Process Solutions in 2008. IGL is a local entity owned and managed by Bumiputras. IGL is an engineering consultant, providing specialist services to the oil & gas and chemical industries.

IGL offers services in Technical Safety, Asset Integrity, Measurement and Allocation, Operations Support, Process Optimization as well as process engineering. In addition, our stable of associates and partners expand and enhance our capabilities to provide services in adjacent areas. IGL prioritizes technical competence and delivering services within schedule.

IGL provides training as a HRDF registered company.

## Company Address

- IGL Services' registered business address is: B-9-8, Megan Avenue II 12 Jalan Yap Kwan Seng 50450 Kuala Lumpur.
- IGL Services' working offices are located in Puchong Prima, Selangor, next to the LRT station.

## Company Information

Company Status: Bumiputra – 100%

Paid Up Capital – RM100, 000

## Vision Statement

To be a trusted engineering asset, establishing long term relationships with our clients and partners, while maintaining value to our shareholders and employees.

## Quality Policy

IGL is committed to deliver our services to fully satisfy the requirements of our clients. We shall endeavor to:

- strictly adhere to the requirements of our quality management system to meet corporate and project objectives;
- maintain the quality of our work by monitoring and controlling our performance; and
- gauge the effectiveness of our quality management system to provide guidance for continuous improvement

IGL's management and staff are committed and responsible for execution of this policy.

## HSE Policy

We at IGL Services Sdn Bhd recognize the importance of Health, Safety and Environmental responsibility in the successful execution of all our activities. We will strive for a “no accident – no harm to people or the environment” policy. We believe that all actions taken by our management, or any individual employee, must consciously promote the health and safety of our personnel, all who attend our places of work and all who will work on, or are affected by plant or facilities designed by us. We will endeavor to take a pro-active role in the integration of our Safety and Environmental Management System within the Safety and Environmental Management Systems of our Clients to meet the expected target levels of safety and environmental care. Achievement of this policy involves all staff and our subcontractors, who are individually responsible for maintaining high standards of safety and environmental care in their day to day activities, resulting in a continually improving safety culture within IGL.

In order to meet this goal, we must:

- Clearly define these requirements as the responsibility of every Manager, Supervisor and Employee;
- Take reasonable care for our own safety and for the safety of any others who may be affected by our acts or omissions;
- Operate our business and facilities in a manner that is economical in the use of energy and raw materials and which promotes sound conservation practice and good stewardship of our environment;
- Co-operate with our Clients by complying with safety and environmental instructions and relevant site safety and environment procedures;
- Maintain safe and healthy working conditions, equipment and systems of work;
- Develop and maintain a positive culture with respect to safety and the environment;
- Have, and maintain a complete understanding of our Client's safety policy and clearly focus our efforts on meeting or exceeding those requirements;
- Ensure that every facility designed by us is rigorously assessed so as to comply with our Health, Safety and Environmental Policy as well as all relevant local authority, national and international laws and regulations and industry standards with regards to safety;

- Provide appropriate information, equipment, training and supervision to our employees;
- Ensure that proper procedures and guidelines are available and are used in executing our work;
- Provide means to voice safety and environmental concerns and redress them;
- Systematically identify hazards, assess risks to personnel and the environment and take necessary action to eliminate hazards as far as practicable by the choice of design measures which provide adequate means for prevention, control and mitigation to meet our Client's safety and environmental goals;
- Consider these requirements as part of our subcontractor selection process and ensure conformance during execution.

## Company Information

Company Status: Bumiputra – 100%

Paid Up Capital – RM100, 000

## Directors



### **Ir. Razmahwata bin Mohamad Razalli (Wata)**

- Position: Director / Principal Engineer
- BEM - Professional Engineer with Practising Certificate in Chemical Engineering discipline
- MEng Chemical Engineering (Cambridge)
- MA (Cantab)
- Fellow, Institution of Engineers Malaysia
- Chartered Engineer
- Corporate Member, IChemE
- Certified Functional Safety Engineer, TUV
- 25 years' experience in oil and gas.



### **Ir. Razak Yakob**

- Position: Director
- Over 20 years experience in the oil and gas industry
- BEM - Professional Engineer with Practising Certificate in Petroleum Engineering discipline
- IEM – Fellow
- Part Time Lecturer at the UCSI University

### Services (Technical Safety)

Our HSE services include the following:

- RISK MANAGEMENT – Process Safety Management (PSM), HSE Management Systems (HSEMS), Bow-Tie, Hazard Identification, (HAZID, HIREC)/ Hazard and Operability Study (HAZOP), Safety Integrated Level (SIL), Instrumentation Protection Function (IPF), Hazard and Effect Management Process (HEMP)
- RISK ASSESSMENT - Fire and Explosion Study, Escape and Evacuation Risk Assessment (EERA), Temporary Refuge Risk Assessment (TRIA), Quantitative Risk Assessment, Dropped Object Study
- LOSS PREVENTION - Philosophy, Active Fire Protection, Passive Fire Protection, Safety and Escape Routes Layout
- REGULATORY COMPLIANCE - Onshore and Offshore Safety Cases/CIMAH, OSHA compliance Requirements, Drilling Ship Safety Case Based on IADC Guideline.
- TECHNICAL TRAINING – Training for participants / facilitators / leaders for the above topics.

Our consultants have extensive experience in the HSE engineering, HSE Management System and HSE regulatory compliance locally and internationally. In addition, we have established a partnership agreement with HSE practitioners who are working on contract and project basis.

### Services (Measurement and Allocation)

Our Metering services include the following:

- RISK MANAGEMENT – Calculate exposure to measurement uncertainties via Uncertainty Budget Tables (UBT) methodology. Applicable to transport systems, FSO/FPSO offloading facilities, dynamic meters (liquid and gas)
- ASSET INTEGRITY – Conduct measurement audits, either based on regulatory requirements, or company specific procedures. Troubleshoot onsite measurement systems.
- REGULATORY COMPLIANCE – Prepare metering philosophies, validation/ calibration manuals, operating Manuals, specification for purchase of custody transfer metering systems.
- TECHNICAL TRAINING – Training for participants / facilitators / leaders for the above topics.

Our consultants have extensive experience in the measurement system engineering, Management Systems and regulatory compliance locally and internationally. In addition, we have established a partnership agreement with practitioners who are working on contract and project basis.

### Services (Asset Integrity)

Our HSE services include the following:

- RISK MANAGEMENT – Preparation of Asset Integrity Management Systems (AIMS), and Technical Integrity Management Systems (TIPS)
- RISK ASSESSMENT – Asset Integrity Audits, at management, design, construction and operational levels
- ASSET INTEGRITY - Reliability, Availability and Maintainability (RAM), Safety Critical Element (SCE), Performance Standards, Failure Mode Effect Analysis (FMEA)
- TECHNICAL TRAINING – Training for participants / facilitators / leaders for the above topics.




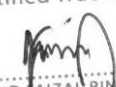

Our consultants have extensive experience in AIMS and brownfield works, where assessment of the existing facility is important to ensure effectiveness and reliability of new projects. IGL has access to a multi-disciplinary team to address onshore, offshore, upstream downstream and related industries.

### Services (Technical Training)

We provide scheduled and ad hoc training for our clients. Training is provided in either public settings or arranged sessions at the client's location. Courses are published on our website. Examples of courses available

- Process Safety Management
- General Hazard Effects Management Process (HEMP)
- HAZOP as facilitator/ team member
- HAZID/ HIRARC as facilitator/ team member
- Operationalization of HSE Cases / PSM

**SSM Form 9**

 <b>SURUHANJAYA SYARIKAT MALAYSIA</b> COMPANIES COMMISSION OF MALAYSIA		
BORANG 9 AKTA SYARIKAT 1965		[Seksyen 16(4)]
No. Syarikat - MyCoID		
1090632	P	
 <b>PERAKUAN PEMERBADANAN SYARIKAT SENDIRIAN</b>  		
Dengan ini diperakui bahawa		
<b>IGL SERVICES SDN. BHD.</b>		
telah diperbadankan di bawah Akta Syarikat 1965, pada dan mulai dari 24 haribulan April 2014, dan bahawa syarikat ini adalah sebuah syarikat berhad menurut syer dan bahawa syarikat ini adalah sebuah syarikat sendirian.		
Dibuat di bawah tandatangan dan meterai saya di Kuala Lumpur pada 24 haribulan April 2014.		
		Certified True Copy :  ..... MOHD FAIZAL BIN MOHD KHASIM Company Secretary (MIA 17555) Date: 29 APR 2014
 <b>DATO' MOHD NAIM DARUWISH</b> PENDAFTAR SYARIKAT MALAYSIA		
User : khairun suriana binti nasir Date : 24/04/2014 9:52:13 AM		



## Engineering Consultancy Practice Certificate

(Borang F)

**AKTA PENDAFTARAN JURUTERA 1967  
PERATURAN-PERATURAN PENDAFTARAN JURUTERA 1990  
(PERATURAN 35)**



No. Perakuan : 2016-7900-00000-BC-1470

**LEMBAGA JURUTERA MALAYSIA**

**PERAKUAN PENDAFTARAN SEBAGAI AMALAN JURUTERA PERUNDING**

INI ADALAH UNTUK MEMPERAKUI BAHAWA

Nama : **Perbadanan Korporat  
IGL SERVICES SDN. BHD.**  
Alamat : **B-9-8 MEGAN AVENUE II  
NO 12 JALAN YAP KWAN SENG  
50450 KUALA LUMPUR  
W. PERSEKUTUAN (K.L)  
MALAYSIA**

Cawangan Kejuruteraan: **\*\* CHEMICAL, PETROLEUM \*\***

yang telah mematuhi kehendak-kehendak Akta Pendaftaran Jurutera 1967 dan telah membayar fee pendaftaran didaftarkan sebagai suatu AMALAN JURUTERA PERUNDING dalam cawangan kejuruteraan yang dinyatakan di atas tertakluk kepada syarat-syarat yang dinyatakan di bawah.

Syarat-syarat:

Perakuan pendaftaran ini akan habis tempoh pada **31 Disember 2020**



(Ir. KAMALUDDIN BIN HAJI ABDUL RASHID)  
Yang Dipertua

(Ir. HIZAMUL-DIN BIN AB. RAHMAN)  
Pendaftar

Tarikh Dikeluarkan : 31 Januari 2020

**HRDF Training Provider Registration Certificate**

No Siri: 1090632P



**SIJIL PENDAFTARAN PENYEDIA LATIHAN**  
AKTA PEMBANGUNAN SUMBER MANUSIA BERHAD, 2001

***IGL SERVICES SDN BHD***

adalah dengan ini didaftarkan sebagai penyedia latihan di bawah  
Kumpulan Wang Pembangunan Sumber Manusia

Tarikh Diluluskan	Tarikh Tamat
23/02/2020	22/02/2023

26/02/2020

Tarikh Dikeluarkan

Pembangunan Sumber Manusia Berhad

## PETRONAS License



### 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:

Printed Date: 13.07.2018

IGL SERVICES SDN. BHD (1090632-P)  
B-9-8 MEGAN AVENUE II 12 JALAN YAP KWAN SENG  
50450 ,  
KUALA LUMPUR

Details of License are as follows:-

Company's No	: 1090632-P
Type of Company	: LICENSE
Duration of License	: 30.09.2018 - 29.09.2021
License Fee	: RM 750
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 are as stated in the next page.

Reminder: License Must Apply For Renewal 3 Months Before The Expiry Date.

This is a computer generated printout and no signature from PETRONAS is required.

Page 1 / 3



COMPANY'S NAME : IGL SERVICES SDN. BHD (1090632-P)  
 LICENSE NO : 1090632-P  
 LICENSE PERIOD : 30.09.2018 - 29.09.2021

CATEGORIES OF LICENSE / REGISTRATION					
APPROVED LICENSE CATEGORIES					
L/R/PROVISIONAL	Service / Supplier Code	Mode of Operation	Principal Name (If Applicable)	Approval Date / Time	Expiry Date
LICENSE	SC3021100 CONSULTANCY SERV-ENG. CONSULTANCY SERV (OPERATION&MAINT. STUDIES)-MEASUREMENT/METERING OF HYDROCARBON CONSULTANCY (SC3060200 RECLASS TO SC3021100)	SELF-OPERATED	NOT APPLICABLE	11.07.2018 19:12:28	29.09.2021
LICENSE	SC3030100 CONSULTANCY SERV-SAFETY CONSULTANCY	SELF-OPERATED	NOT APPLICABLE	20.06.2018 11:31:55	29.09.2021

\*\*\* END \*\*\*

MINISTRY OF FINANCE



KEMENTERIAN KEWANGAN MALAYSIA  
SIJIL AKUAN PENDAFTARAN FIRMA PERUNDING

NO. SIJIL : J10962688862001284  
NO. RUJUKAN PENDAFTARAN : 465-0002045306  
TEMPOH SAH LAKU : 13/08/2018 - 12/08/2021

Bahawa dengan ini diperakui syarikat :

IGL SERVICES SDN BHD ( 1090632-P )  
B-9-8 MEGAN AVENUE II  
JALAN YAP KWAN SENG  
W.P. KUALA LUMPUR  
50450 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. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasa oleh syarikat bagi urusan perolehan Kerajaan adalah seperti berikut :

RAZMAHWATA BDN MOHAMAD RAZALI 720705055091 DIRECTOR

LI

DATO' OTHMAN BIN SEMAIL  
Bahagian Perolehan Kerajaan  
b.p. Ketua Setiausaha Perbendaharaan  
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 13/08/2018

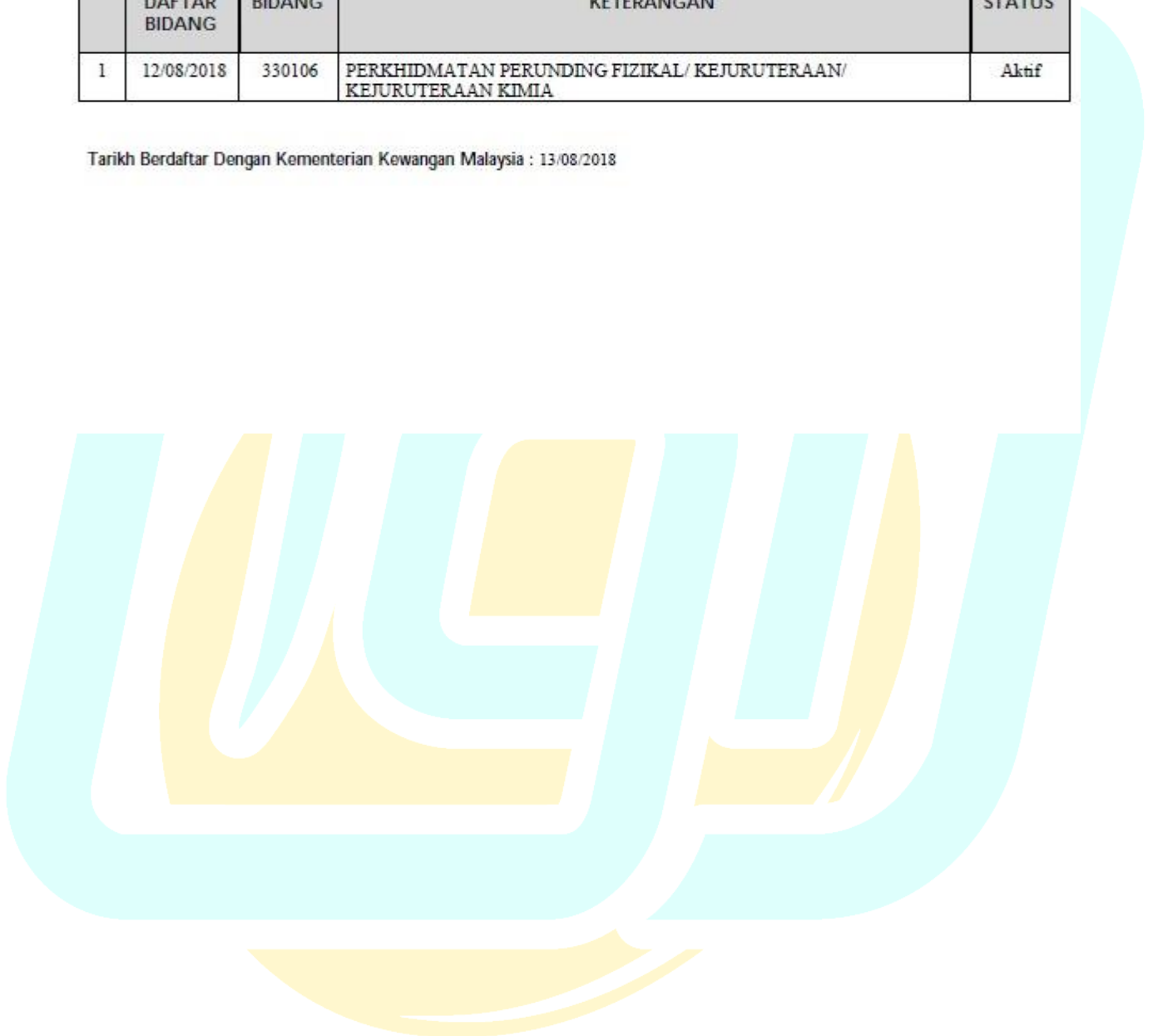
(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

LAMPIRAN A

NO SIJIL : J10962688862001284  
NO RUJUKAN PENDAFTARAN : 465-0002045306  
TEMPOH SAH LAKU : 13/08/2018 - 12/08/2021

BIL	TARIKH DAFTAR BIDANG	KOD BIDANG	KETERANGAN	STATUS
1	12/08/2018	330106	PERKHIDMATAN PERUNDING FIZIKAL/ KEJURUTERAAN/ KEJURUTERAAN KIMIA	Aktif

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 13/08/2018



## IGL SERVICES SDN BHD-Past Projects

Chrono	Timing	Duration	Title	Category	End Client	Value
1	4Q2014	1 month	HAZOP - Flowlines	Safety	Petrofac	Conf
2	4Q2014	1 month	SIL - Flowlines	Safety	Petrofac	Conf
3	4Q2014	1 month	HAZOP - FPSO	Safety	JXNippon	Conf
4	4Q2014	1 month	HAZID - FPSO	Safety	JXNippon	Conf
5	4Q2014	1 month	HAZID - NMB	Safety	Hess	Conf
6	4Q2014	1 month	ENVID - NMB	Safety	Hess	Conf
7	1Q2015	1 month	SIL Classification - WHP	Safety	Vietsov Petro	Conf
8	1Q2015	1 month	SIL Verification - WHP	Safety	Vietsov Petro	Conf
9	1Q2015	1 month	HAZID - Pipeline PL77	Safety	PCSB	Conf
10	4Q2015	1 month	HAZOP - TCOT brownfield	Safety	PCSB	Conf
11	1Q2015	1 month	Uncertainty Calculation - FSO	Measurement	Ophir	Conf
12	4Q2014	1 month	Prelim RA - Development	Safety	Petrofac	Conf
13	1Q2015	1 month	HAZOP - Biodiesel plant	Safety	Wilmar Nabati	Conf
14	1Q2015	1 month	HAZOP - Pipeline PL30 31 32	Safety	PCSB	Conf
15	1Q2015	1 month	SIL Verification - WHP	Safety	HLJOC	Conf
16	1Q2015	1 month	HAZOP - Vendor Packages	Safety	PC(T)SB	Conf
17	1Q2015	1 month	HAZID - Pipeline CL9 CL11 PL341	Safety	PCSB	Conf
18	1Q2015	2 months	Due Diligence - Sumatera	Safety	Aecom	Conf
19	1Q2015	3 months	Safety Case - CPP	Safety	Vestigo	Conf
20	1Q2015	1 month	HAZID - Helideck	Safety	PCSB	Conf
21	1Q2015	1 month	HAZOP - Pipeline PL14 17 323	Safety	PCSB	Conf
22	2Q2015	2 months	Generic Design Performance Standards (GDPS) review, Tech Safety	Safety	UHSE, PETRONAS	Conf
23	2Q2015	3 months	CPP Tembikai HSE Case	Safety	EPOMS	Conf
24	2Q2015	1 month	SIL Classification - FSO	Safety	HESS	Conf
25	2Q2015	1 month	HAZOP - Betty FG Mods	Safety	PCSB	Conf
26	2Q2015	3 months	HAZOP - Cogen Plant, Jurong	Safety	Sembcorp	Conf
27	2Q2015	1 month	HAZOP - Biogas	Safety	Sime Darby	Conf
28	2Q2015	1 month	HAZID - Su Tu Trang Ph 1	Safety	Cuulong, Vietnam	Conf
29	3Q2015	1 month	HAZID HAZOP - Lengo	Safety	Kris Energy	Conf
30	3Q2015	1 month	HAZOP SIL - PWT, FZ-A	Safety	IOOC	Conf
31	3Q2015	1 month	Vent and Flare Study - Tg Baram	Safety	Enquest	Conf
32	3Q2015	3 months	Safety Studies HAZOP, SIL, IPF, Carbon Footprint, AIV, Noise, FIV- D18 WIF	Safety	Uzma	Conf
33	3Q2015	3 months	Process Safety Review - F6, North Sabah	Safety	Shell	Conf
34	3Q2015	1 month	HAZOP - SKE EBA Infill	Safety	SKE	Conf
35	3Q2015	1 month	HAZOP - TKDP-B K2 replacement	Safety	PCSB	Conf
36	4Q2015	3 months	Safety Studies - Solid Product Jetty, Pengerang	Safety	PETRONAS / Arsea	Conf
37	4Q2015	1 month	HAZID PL 364 366	Safety	PCSB	
38	1Q2016	6 months	SIL Classification and Verification, WD MOPU WSS and Berantai WHP	Instrument	PML	Conf
39	1Q2016	1 month	HAZOP and Constructability BCOT GEG	Safety	PCSB	Conf
40	1Q2016	1 month	HAZOP Emulsion Treatment Facility, BCOT	Safety	PCSB	Conf
41	1Q2016	1 month	Constructability Review, Fume Hood Package BNG-B and KAKG-B	Safety	PCSB	Conf
42	1Q2016	1 month	HAZID HAZOP - Bukit Tua ORF Tie In (Indonesia)	Safety	PC Ketapang II	Conf
43	2Q2016	3 months	Process Safety Review - E11	Safety	Shell	Conf
44	2Q2016	1 month	HAZOP - Pematang Biogas, Indonesia	Safety	Minamas / Sime Darby	Conf
45	2Q2016	6 months	Update and Revalidate FSA Cakerawala	Safety	CHOC	Conf
46	2Q2016	1 month	Anjung Kecil Drilling HAZID MOPO	Safety	Vestigo	Conf
47	2Q2016	1 month	SIL Classification NMB FSO packages	Safety	Hess	Conf
48	2Q 2016	1 month	HAZOP - Hydrogen Generator (Indonesia)	Safety	Wilmar Nabati	Conf



Chrono	Timing	Duration	Title	Category	End Client	Value
49	2Q 2016	1 month	HAZOP SIL - SKE ISS B15	Safety	SK Energy	Conf
50	2Q2016	2 year	Measurement and Allocation - Call Off Contract	Measurement	EnQuest	Conf
51	2Q2016	1 month	HAZOP - Rantau Biogas, Indonesia	Safety	Minamas / Sime Darby	Conf
52	2Q2016	3 months	Process Safety Review - E11, North Sabah	Safety	Shell	Conf
53	3Q2016	3 months	Process Safety Review - F23, North Sabah	Safety	Shell	Conf
54	3Q2016	1 month	HAZOP - Biogas, Sandakan	Safety	Sime Darby	Conf
55	3Q2016	1 month	HAZOP - KPO Distillation Unit	Safety	Wilmar Nabati	Conf
56	4Q2016	1 month	HAZOP- AMDP22	Safety	BSP, shell	Conf
57	4Q2016	1 month	HAZID - Betty Bokor Rejuve	Safety	PCSB	Conf
58	4Q2016	3 months	SRS - D18 WI	Safety	Uzma	Conf
59	1Q2017	1 month	HAZOP HAZID ENVID - P4D Algeria	Safety	Pertamina	Conf
60	3Q2017	2 months	HAZOP Cakerawala	Safety	Carigali Hess	Conf
61	2Q2017	3 months	HAZOP K2	Safety	Arkema	Conf
62	2Q 2017	1 month	Constructability Review, D35 HVAC Upgrade	Safety	PCSB	Conf
63	4Q2017	1 month	HAZOP, Pelintung 1500 TPD Refinery Plant	Safety	Wilmar Nabati	Conf
64	4Q2017	2 months	Process Engineering FEED, KBC BASB Bitumen Plant	Process	Borneo Asphalt Sdn Bhd	Conf
65	4Q2017	1 month	HAZID Sum Pump Tg Baram	Safety	Petronas/SKO	Conf
66	4Q2017	1 month	HAZOP Potable Water Tg Baram	Safety	Petronas/SKO	Conf
67	4Q2017	1 month	HAZOP Fixed Water Bunkering Tg Baram	Safety	Petronas/SKO	Conf
68	4Q2017	1 month	HAZID Fire Prevention Lightning Tg Baram	Safety	Petronas/SKO	Conf
69	4Q2017	1 month	HAZID MCOT Perimeter Lightning Installation	Safety	Petronas/SKO	Conf
70	4Q2017	1 month	HAZID Tie-in for Pimps Implementation	Safety	Petronas/SKO	Conf
71	1Q2018	1 month	Rapid Envid	Safety	Petronas	Conf
72	1Q2018	1 month	HAZOP Serang Package	Safety	Wilmar Nabati	Conf
75	2Q2018	3 months	Hess Woodgroup Measurement	Process	Woodgroup	Conf
76	2Q2018	3 months	FPSO V MaMPU1 Uncertainty	Proess	FPSO Ventures Sdn Bhd	Conf
77	2Q2018	1 month	Pan-century Oleochemicals Cogen HAZOP & HAC	Safety	Sime Darby	Conf
78	2Q2018	1 month	Sime Darby BioGas HAZOP	Safety	Sime Darby	Conf
79	3Q2018	1 month	ENPS FGRU Sweetener HAZOP	Safety	Malaysian Refining Sdn Bhd	Conf
80	3Q2018	1 month	RNZ BeA BeB BeC HAZOP	Safety	Petronas	Conf
81	4Q2018	3 months	Vestigo Tembikai SCE PS Update	Safety	Vestigo	Conf
82	4Q2018	1 month	HAZOP Fatty Acid Pelintung	Safety	Wilmar Nabati	Conf
83	4Q2018	3 months	Tg Baram Validation Manual Update	Process	Petronas	Conf
84	4Q2018	1 month	IntecSea Murphy PFLNG2 Measurement Allocation	Process	Murphy Oil Sarawak	Conf
85	4Q2018	1 month	SMDS HAZOP Bintulu	Safety		Conf
86	4Q2018	3 months	Vestigo Synergy Tembikai Bowtie	Safety	Vestigo	Conf
87	4Q2018	3 months	Enquest Metering Manual	Process	Enquest	Conf
88	4Q2018	1 month	DeMEG HAZID	Safety	Murphy Oil Sarawak	Conf
89	4Q2018	1 month	H2 HAZOP	Safety	Wilmar Nabati	Conf
90	2Q2019	1 month	Sampling Procedures	Process	Enquest	Conf
91	1Q2019	1 month	SW Lift Pump RCA	Safety	Repsol	Conf
92	1Q2019	1 month	FIP Risk Assessments	Safety	Repsol	Conf
93	2Q2019	1 month	MEWAH Oil Cogeneration HAZOP and HAC	Safety	Sime Darby	Conf
94	2Q2019	1 month	KDNW-D HAZOP	Safety	Repsol	Conf
95	2Q2019	1 month	KDNW-D HAZID	Safety	Repsol	Conf
96	1Q2019	1 month	MOPO Alarp	Safety	MMHE	Conf
97	2Q2019	1 month	KNDW-D LQ Constructability	Safety	Repsol	Conf
98	3Q2019	1 month	BOD Infill HAZOP	Safety	Repsol	Conf



Chrono	Timing	Duration	Title	Category	End Client	Value
99	2Q2019	1 month	Equipment Process List for Disposal of FPSO Materials	Process	THHE	Conf
100	2Q2019	3 months	Measurement Support	Process	HESS	Conf
101	2Q2019	1 month	Merakes 1A SIMOPS HAZID	Safety	eni	Conf
102	2Q2019	1 month	Bleaching Earth HAZOP	Safety	Wilmar Nabati	Conf
103	4Q2019	1 month	TNAG OWF Post SIPROD HAZID	Safety	Vestigo	Conf
104	4Q2019	On Going	Measurement – Reservoir Measurement New Metering Points	Process	ExxonMobil	Conf
105	3Q2019	1 month	CDDP-A New Wellstream Desander UnAit HAZID	Safety	PETRONAS CARIGALI (TURKMENISTAN)	Conf
106	4Q2019	1 month	HAZOP Installation of Waste Water Degasser System	Safety	PETRONAS GAS BERHAD	Conf
107	4Q2019	1 month	HAZID FSU Muar	Safety	Vestigo	Conf
108	4Q2019	1 month	HAZOP K3	Safety	Arkema	Conf
109	4Q2019	1 month	CPO Washing HAZOP	Safety	Bunge Loders Croklaan	Conf
110	4Q2019	1 month	Biodiesel HAZOP	Safety	Wilmar Nabati	Conf
111	4Q2019	1 month	HAZOP Cogeneration	Safety	KLK Oleochemicals	Conf
112	4Q2019	1 month	3000TPD Plant HAZOP	Safety	Wilmar Nabati	Conf
113	4Q2019	2 months	HAZOP, HAZID & SIL	Safety	PCSB	Conf
114	1Q2020	1 month	HAZOP	Safety	Brunei Shell Petroleum	Conf
115	1Q2020	1 month	D35DP-A HAZOP HAZID	Safety	ROC	Conf
116	1Q2020	1 month	PVG EV HAZOP HAZID SIL	Safety	ECVN	Conf
117	1Q2020	1 month	B11 RAM Study	Safety	PCSB	Conf
119	2Q2020	1 month	Technical Engineering Support and provide Measurement and Other Services	Safety	ExxonMobil	Conf
120	2Q2020	1 month	HAZOP HIP Condensate	Safety	JXNippon	Conf
121	2Q2020	1 month	MIE HAZOP GPK Instrument Air Upgrading	Safety	Gas PETRONAS Kerteh	Conf
122	2Q2020	1 month	Upgrading Biodiesel B30 HAZOP	Safety	PETRONAS Dagagan Berhad	Conf
123	2Q2020	1 month	KVDT VRU HAZOP	Safety	KVDT	Conf
124	2Q2020	1 month	HAZOP Study For SMART8	Safety	SMART	Conf