



**XPERT ENGINEERING
SOLUTION SDN. BHD.**

1212613-V

XPERT Engineering Solution COMPANY PROFILE

Excellent Expertise, Proven Professionals

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About Us



We Are XPERT

XPERT Engineering Solution is a reputable company that specialises in the provision of testing, inspection and quality assurance services in Malaysia. Our valued clients come from a diverse range of sectors, including oil and gas, petrochemical, utilities, manufacturing and construction sectors.

As a trusted partner, we strive to enhance the quality and safety of your assets and infrastructures and safeguard your business operations. With our professional team, adaptive capabilities and extensive resources, we deliver effective and innovative testing, inspection and quality assurance services according to your professional needs and personal preferences.

Our Story

Incorporated in 2016, XPERT Engineering Solution was an additional idea from the company Ahmad Fakrudin Enterprise, created in 2014. The reason for our establishment stems from our desire to help our clients achieve the highest quality of safety and sustainability in their business operations.

At the beginning of our establishment, we started positioning ourselves in the provision of reverse engineering solutions, namely Advanced and Conventional Non-Destructive Testing/Evaluation (NDT/NDE), Engineering Inspection Services, Manpower Supply Services and Consultancy/

Training Services. As our business has grown, we have diversified our range of services, which include Asset Integrity Management and Engineering Services.

We continue to remain true to our business's foundation and aspiration in terms of practices and delivery. We ensure that our business practices are in compliance with regulatory requirements, and our delivery is in accordance with your business needs.

We Are Your Trusted Partner

At XPERT Engineering Solution, we always believe that trust is earned and quantifiable through our record performance and delivery. In line with our vision and core values, we always strive to provide services of the highest quality to our valued clients. Riding on this philosophy has enabled us to obtain numerous commissions and return clients as well as build and maintain a trusted relationship with our valued clients.



Our Standard Remains High

At XPERT Engineering Solution, our standard of quality does not waver. We measure our work and result against industry and regulatory body standard to ensure that our valued clients receive the best service possible. This standard is also evident in the employment of our team, all of whom are highly competent and qualified.



Your Safety, Our Concern

At XPERT Engineering Solution, our standard of quality does not waver. We measure our work and result against industry and regulatory body standard to ensure that our valued clients receive the best service possible. This standard is also evident in the employment of our team, all of whom are highly competent and qualified.



Our Counsels Are Professional; Our Words Are Personal

At XPERT Engineering Solution, our standard of quality does not waver. We measure our work and result against industry and regulatory body standard to ensure that our valued clients receive the best service possible. This standard is also evident in the employment of our team, all of whom are highly competent and qualified.

Vision & Mission

Vision

To be Malaysia's most trusted partner for Testing and Inspection Services.

Our Core Values



Integrity

Every test that we carry out, every inspection that we conduct and every counsel that we provide, rest on a vital fulcrum, integrity.



Reliability

We provide counsel, validation and manpower that are reliable, impartial and competent, respectively.



Accountability

We are answerable to all the stakeholders for our actions in every aspect of our business practice and services.

Mission

- Providing high-quality services that meet or exceed our client's operational needs and expectations.
- Providing services that comply with regulatory, safety and environmental requirements.
- Emphasising utmost integrity, accountability and safety in every aspect of our services.
- Ensuring a high level of customer satisfaction in the provision of our services.
- Empowering our team with the right knowledge, tools and resources to maximise performance.



Excellence

We believe in the pursuit of excellence to achieve the highest level of quality and to ensure our valued clients receive the best service possible.



Growth

We always believe that when the employees grow, the business will too.

Meet Our Team

Meet Our Founder

EDUCATION

Mr Ahmad Fakrudin holds a Bachelor Of Science (Hons) In Industrial Chemistry from Universiti Putra Malaysia. After graduation, he refused to stay at MARDI Terengganu after completing his internship to venture in his interest field. Mr Ahmad Fakrudin has passed in Non-Destructive Testing (NDT) Ultrasonic Testing examination certification by Ruane T.P O'Neil, NDT Services and Examination Centre, Rotherham, Sheffield, United Kingdom.

WORKING EXPERIENCE

Mr Ahmad Fakrudin is a recognised-cross checker in ultrasonic testing onshore and offshore. After dabbling nearly five years in Non-Destructive Testing (NDT), he was admitted as an inspector and client representative in various inspection and third party company such as Sem Inspection Sdn Bhd, NDE Service Consultancy Sdn Bhd, PT. Java Velosi Mandiri, Det Norske Veritas (DNV GL), Bureau Veritas (M) Sdn Bhd and Germanischer Lloyd Noble Denton.

Meet Our Team

Behind every success, there is a great team, and XPERT Engineering Solution is no exception. Our dedicated team of certified and skilled professionals are renowned and annually trained to deliver technical excellence and independent counsel. In line with our core values, we empower our team with exceptional training and latest resources, ensuring they are at the top of their game. Above all, our team works with the utmost professionalism and is truly capable of building a trusted relationship with our valued clients.

MANAGING DIRECTOR

AHMAD FAKRUDEN BIN MAMAT

ADMIN/ACCOUNT ASSISTANT

WAN NORFARHANA EZATY BINTI WAN MOHD ZULKIFLI

TECHNICAL MANAGER

AHMAD FADHLULLAH BIN MAMAT

ASSISTANT MANAGER / CUM BUSINESS SUPPORT(HOD)

MUHAMMAD FIRDAUS BIN MOHD IRWIN KUAN

MECHANICAL CONSULTANT

IR SYED FADZIL SYED MOHAMED

NDT LEVEL III INSPECTOR

SAHARUDIN KAMBARI

CIVIL CONSULTANT

IR MUHD ABDAL RATHOMY

QHSE(HOD) / CUM TECHNICAL ADVISOR & EXPERT SPECIALIST MATERIAL R&D

WAYNE VOLKERT @ SKY

ADMIN/ACCOUNT EXECUTIVE

NOR NAZLAINI BINTI NAZEMI

METALLOGRAPHY / SENIOR METALLURGIST CONSULTANT

TS.DR SAMSIAH BINTI SULAIMAN (MBOT Certified No. PT 20080196)

**PROJECT ENGINEER /
CUM TECHNICAL**

MUHAMMAD FAID BIN
MISNAN

NDT SUPERVISOR (CSWIP PAUT)

MUHAMMAD FATHI BIN
ZAFISAH

**PROJECT ENGINEER / CUM
TECHNICAL EXECUTIVE**

SAMIRA BINTI HASBULLAH

QA/QC EXECUTIVE

MUHAMMAD TAUFIQ BIN
MOHD RADZI

**TECHNICAL(HOD) / CUM
CSWIP/PCN LEVEL III
(PAUT/UT/AUT/TOFD)**

MOHD IRWAN BIN MOHD ZAIN

OPERATION MANAGER(HOD)

MOHD. ARIF BIN ISMAIL

NDT SUPERVISOR (RPO/RI)

LEOW KAM SUM

API 510 INSPECTOR

SHADDAD BIN MOHD ALUWI

API 570 INSPECTOR

MOHD HAKIMUDDIN
BIN MANSOR

MATERIAL INSPECTOR R&D

A'FIF FARHAN BIN
MUHAMMAD DAUD

CRANE INSPECTOR

MUHAMMAD HAZWAN BIN
MOHD DIN

CIVIL SUPERVISOR

ABDUL MANAF BIN ALI

SENIOR MECHANICAL

WAN AMIRUL ASHRAF BIN
WAN LONG

ABSEILER LEVEL I (IRATA)

MOHAMAD AZIZI BIN
LOKMAN

ENGINEERING INSPECTOR

MUHAMMAD FAKRUL RAZI
BIN AZIZ

**RADIOGRAPHY OPERATOR
LEVEL I**

MOHD KHAIROLANUR BIN
MOHD ZULKUPELI

**RADIOGRAPHY OPERATOR
LEVEL II**

MOHAMMAD HAFIZUDDIN
BIN MOHD

RADIOGRAPHY ASSISTANT

MUHAMMAD ZAMRI BIN HARUN

AUTHORISE GAS TESTER

MUAZ BIN MAHAZAM

ABSEILER LEVEL III

MOHD ALHAFIZ BIN HUSSAIN

**RADIOGRAPH PROTECTION
OFFICER / CUM SENIOR
SUPERVISOR**

AHMAD SUPIAN BIN
ABDUL GHANI

**MATERIAL INSPECTOR R&D / CUM NDT
SUPERVISOR**

MUHAMMAD FAHMI
BIN MISLAN

VENDOR INSPECTOR

RAJA HAZWAN AZRI
BIN RAJA ZAEN

WELDING INSPECTOR

MUHAMMAD ALIF BIN
NAMAZI

MECHANICAL INSPECTOR

FAIZSAH'ARI BIN NALIZAR

ADVANCE NDT INSPECTOR

DZULZAMZURI BIN NAHARUDDIN

ENGINEERING INSPECTOR

WAN MOHD ALIFF BIN WAN RAZALI

ENGINEERING INSPECTOR

NORISHAM BIN KAMARUDDIN

RADIOGRAPHY INTERPRETER

WAN MOHD AZRUL BIN
WAN OMAR @ WAN MANIS

**RADIOGRAPHY OPERATOR
LEVEL II**

MOHAMMAD HAFIZUDDIN
BIN ISMAIL

RADIOGRAPHY ASSISTANT

NOORASHIKIN BINTI AHMAD

Meet Our Consultants

Ir. Syed Fadzil Bin Syed Mohamed

INSTECH Consulting (Certification Preparation Training Course

American Petroleum Institute (API) 510, 570, 653, 577, 580 and 571)

- Competency and Training Working Group for Malaysian Oil and Gas Services Council
- Member SIRIM Technical Committee for Boiler and Pressure Vessels
- Member Institute of Materials, Malaysia (IMM)
- Registered Professional Engineer (P.Eng) Board of Engineers Malaysia
- American Petroleum Institute (Authorised Inspector)
- National Board of Boiler and Pressure Vessel Inspectors (USA): New Construction Commission and Authorized Inspector (A)
- Corporate Member (MIEM) of The Institution of Engineers Malaysia (IEM)
- Asset Integrity Management (AIM) Committee for Malaysian Oil and Gas Services Council

MECHANICAL CONSULTANT

Ir. Syed Fadzil Bin Syed
Mohamed

CIVIL CONSULTANT

Ir. Muhd Abdai
Rathomy bin Romeli

METALLOGRAPHY / METALLURGIST SENIOR CONSULTANT

Ts.DR. Samsiah

Ir. Muhd Abdai Rathomy bin Romeli

MARR Consult (Civil, Structural & Geotechnical Consultancy Services)

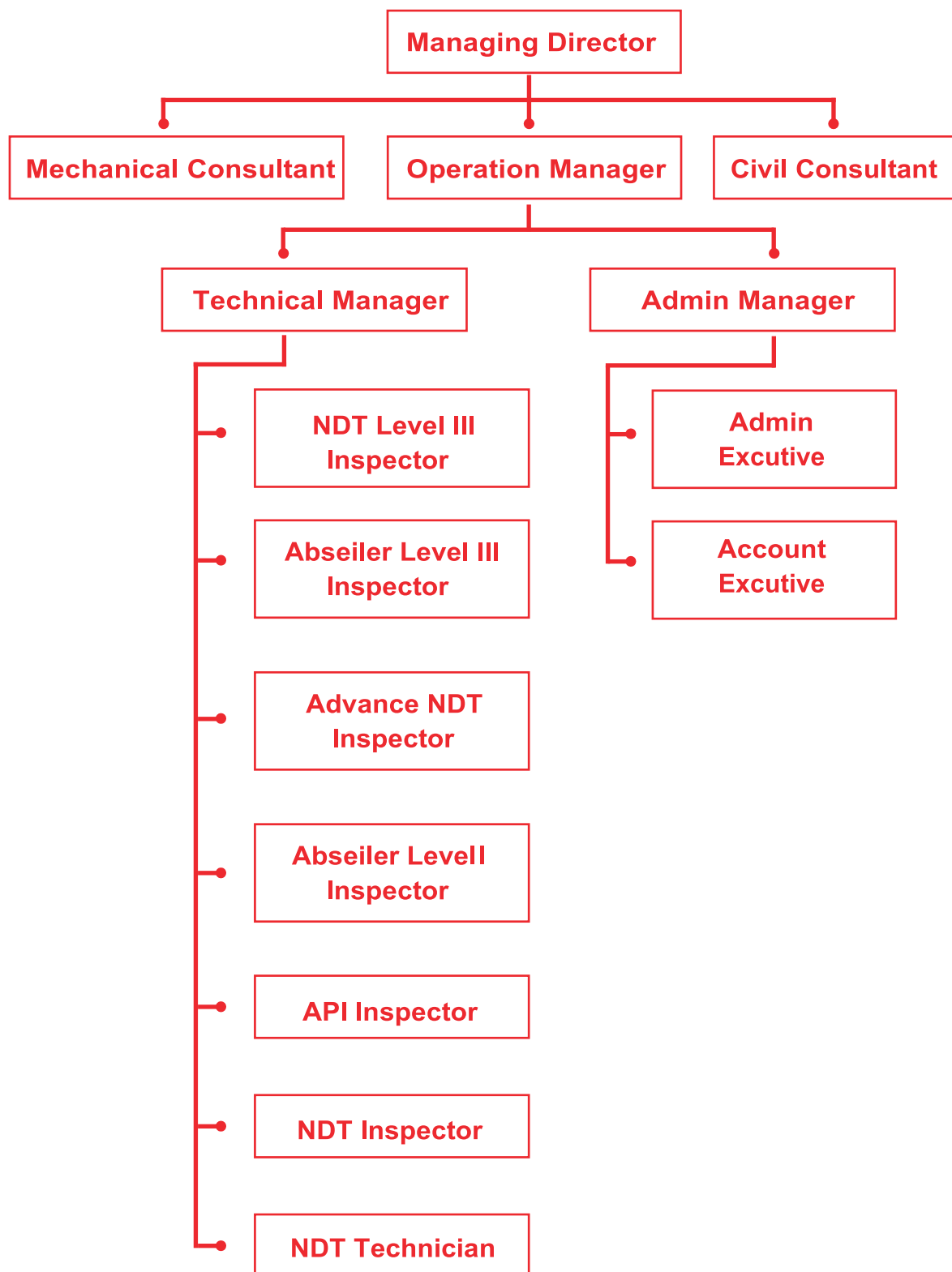
- Bachelor of Engineering UTM
- Board of Engineer Malaysia (No:15743)
- Institution of Engineer Malaysia (No: M29154)

Ts.DR. Samsiah binti Sulaiman (MBOT Certified No.: PT 20080196)

Metallurgical Consultancy Services

- B.Sc(Physics-UKM)
- M.Sc (Materials/Metallurgy-MBOT Teknologis Profesional)
- Ph.D (Physics/ Material Science-Failure Analysis Bayern Munich Germany)

Organisational Structure



Our Services

As a reputable player in this industry, XPERT Engineering Solution offers superficial solutions in reverse engineering, specialising in the provision of Testing and Inspection Services. We provide a diverse range of sectors including oil and gas, petrochemical, utilities, manufacturing and construction sectors.

Our portfolio of services addresses a range of needs, from asset integrity management to engineering services. Above all, we ensure that our services help our valued clients meet quality, health, environmental, safety and social accountability standards that are recognised globally.

Engineering Inspections Services

- Boiler and pressure vessels inspection (Fabrication, Design Review and Calculation)
- Lifting Appliances and Inspection (Cranes, Passenger Hoists and Material Hoists)
- Fitness for Service (FFS)

Non-Destructive Testing (NDT)

Manpower Supply Services

- | | |
|---------------|--------------------|
| ■ Specialists | ■ Supervisor |
| ■ Engineers | ■ QAQC |
| ■ Inspectors | ■ Welders |
| ■ Technicians | ■ Abseiler (IRATA) |

Asset Integrity Management

- Piping and Structural Steels Inspection
- Plant Shutdown Inspection (RBI)

Advanced NDT

- Long Range Ultrasonic Testing
- Pulsed Eddy Current
- Eddy Current Tube
- Positive Material Identification (PMI)
- Phased Array Ultrasonic Testing
- High-Temperature Equipment Thickness Measurement
- Manual Ultrasonic Testing for ASME, AWS, BS and API
- External X-Ray Radiographic Testing (RT)
- Metallography Testing (Method by Replica)
- Ferrite Scope Testing (FT)
- Time of Flight Diffraction (TOFD)



Statutory & Voluntary Inspection

- Welding Inspection and Certification (WPS/ PQR/WQT)
- Boiler and Pressure Vessel (DOSH Design Approval and PMD/PMT Renewal)

Engineering Services

- Painting and Coating,
- Mechanical Cleaning for Pressure Vessel (Fired / Unfired)

Training

- ASNT NDT (The American Society of Non-destructive Testing)
- ASME INSPECTOR
- API 510 (Pressure Vessel Inspection)
- API 653 (Aboveground Storage Tank Inspector)
- API 570 (Piping Inspector)
- API 577 (Welding Inspector and Metallurgy)
- API 578 (Positive Material Identification (PMI))
- API 571 (Corrosion and Materials)
- IN-SITU METALLOGRAPHY (REPLICATION)

Our Clients



Shimizu Corporation



**Port Klang Free Zone
(Aker Solutions)**



Panasonic (M) Sdn Bhd



Felda Global Ventures



Linde Malaysia Sdn Bhd



**H. ROSEN Engineering
Sdn Bhd**



TUV Nord (M) Sdn. Bhd



**Det Norske Veritas
(DNV GL)**



**Berjaya Times Square
Sdn Bhd**



**TUV Rheinland Malaysia
Sdn Bhd**



**Petron Malaysia Refining
& Marketing**



Malakoff Power Berhad



Petronas Chemical



RINA.org



Eastman Chemical (M)
Sdn Bhd



Sinopec Engineering



Techtizen Sdn Bhd



Tenaga Nasional Berhad



Serba Dinamik Group Berhad
Sdn Bhd



Kejuruteraan Tahir (M)
Sdn Bhd



Group Technical Inspection (GTI)
Sdn Bhd

Technofit Sdn Bhd

Asia Propel Sdn Bhd

Instisari Mulia
Sdn Bhd

TÜV SÜD (M)
Sdn Bhd

ITS Inspection
Solution Sdn Bhd

ABS Consulting
Sdn Bhd

AI Inspec tech
Sdn Bhd

H. Rosen
Engineering (M)
Sdn. Bhd

S.E.M Inspection
Sdn Bhd

Air Product (M)
Sdn Bhd

Vision One Sdn Bhd

Nosh Engineering
Sdn Bhd

Nur Generation
Sdn Bhd

First Solar Sdn Bhd

Highbase Strategic
Sdn Bhd

Great Vision
Solution Sdn Bhd

Polyplastic Asia
Pacific (M) Sdn Bhd

Our Certifications

 SURUHANJAYA SYARIKAT MALAYSIA COMPANIES COMMISSION OF MALAYSIA		
BORANG 9 AKTA SYARIKAT 1965		[Seksyen 16(4)]
No. Syarikat - MyCoID		
1212613	V	
PERAKUAN PEMERBADANAN SYARIKAT SENDIRIAN		
Dengan ini diperakui bahawa		
XPERT ENGINEERING SOLUTION SDN. BHD.		
telah diperbadankan di bawah Akta Syarikat 1965, pada dan mulai dari 16 haribulan Disember 2016, 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 16 haribulan Disember 2016.		
		 DATO' ZAHRAH ABD WAHAB FENNER PENDAFTAR SYARIKAT MALAYSIA
User : rahmawati yusof Date : 16/12/2016 10:34:04 AM		

NAMA	ARMAD FAKRULLEN BIN MAWAT
ALAMAT KEDIRIAAN	D-4-2, BENTENGASIAN KONDOMINIUM 68000 AMPANG, SELANGOR
NARKATIS	0000
NO K/P (AMA)	
NO K/P (ABU)	9101011965
TARIKH LAHIR	09-01-1981
BANGSA	MELAYU
SANTANA	LELAKI
KEMAHKAMPUAN	BANGSAREGARA MALAYSIA
TARIKH MASUK	15-09-2014

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Dengan ini disahkan bahawa

**XPERT ENGINEERING SOLUTION SDN BHD
C1-2,BLOCK C,
JALAN SELAMAN 1,
DATARAN PALMA,
ULU LANGAT
68000 , AMPANG , SELANGOR**

*Telah berdaftar dengan Tenaga Nasional Berhad sebagai
Pembekal & Kontraktor Perkhidmatan
di bawah kategori yang tercatat dalam sijil ini*

060102, 060501, 130101, 130102, 130301, 130401, 130402, 220402, 220502, 220504,
220508, 220601, 220602, 220710, 221001, 221104, 221110***

BUTIR-BUTIR PENDAFTARAN

NO PENDAFTARAN TNB	:	3051349
NO PENDAFTARAN SYARIKAT	:	1212613V
NO SIJIL KEMENTERIAN KEWANGAN	:	K66485187992557755
TEMPOH SAHLAKU SEHINGGA	:	27.05.2023
TARAF	:	BUMIPUTERA
LAIN-LAIN PENDAFTARAN	:	

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 berkaitan.

**Amir Mahmod bin Abdullah
Ketua Pegawai Perolehan
Bahagian Procurement & Supply Chain
Tenaga Nasional Berhad**

Tarikh kelulusan : 18.06.2020

Ini adalah cetakan komputer dan tidak memerlukan tandatangan.



KEMENTERIAN KEWANGAN MALAYSIA

SIJIL AKUAN PENDAFTARAN SYARIKAT BUMIPUTERA

NO. SIJIL : BP66485187992557755
NO. RUJUKAN PENDAFTARAN : 357-02272299
TEMPOH SAH LAKU : 28/05/2020 - 27/05/2023

Bahawa dengan ini diperakui syarikat :

XPERT ENGINEERING SOLUTION SDN. BHD. (1212613-V)
C1-2, BLOCK C
JALAN SELAMAN 1
DATARAN PALMA
ULU LANGAT
68000 AMPANG
SELANGOR, MALAYSIA

Telah diiktiraf sebagai Syarikat Bumiputera oleh Kementerian Kewangan Malaysia. Taraf Bumiputera bukannya hak dan boleh ditarik balik sekiranya syarikat gagal mematuhi syarat/kriteria yang ditetapkan. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Sijil Akuan Pendaftaran Syarikat Bumiputera (Lampiran C).

t.t

DATO' ZAMZURI BIN ABDUL AZIZ

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

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 28/05/2020

(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:

Printed Date: 22.02.2019

XPRT ENGINEERING SOLUTION SDN. BHD. (1212613-V)
NO.23A, JALAN WAWASAN 2/2, BANDAR BARU AMPANG
68000 AMPANG
SELANGOR

Details of License are as follows:-

Company's No : 1212613-V
Type of Company : LICENSE
Duration of License : 19.02.2019 - 18.02.2022
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.

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COMPANY'S NAME : XPRT ENGINEERING SOLUTION SDN. BHD. (1212613-V)
LICENSE NO : 1212613-V
LICENSE PERIOD : 19.02.2019 - 18.02.2022

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	SQ1010100 QUALITY ASSURANCE-MATERIAL CORROSION & INSPECTION-(NDT)SERVICES-BASIC NDT (SQ1010101, SQ1010102, SQ1010104, SQ1010105, SQ1010106, SQ1010107, SQ1010200, SQ1010300, SQ1010401, SQ1010402, SQ1010409 & SQ1011200 reclass to SQ1010100)	SELF-OPERATED	NOT APPLICABLE	19.02.2019 20:07:56	18.02.2022

*** END ***

Our Projects



Metallography testing by Replica (RM) on superheater tubes of boiler at FGV Holding Berhad, Kuantan Pahang



Positive Material Identification by LIBS (PMI) on pipe at Petronas Chemical Group Berhad, Kerteh Terengganu



Metallography by Replication Testing on Pipe/Tube, Rapid Pengerang, Petronas.



Ferritescope Test (FT) on Duplex material plate at PMI Technologies Sdn Bhd, Shah Alam Selangor



Ultrasonic (UTTM) Testing on pipe Asia Propel-PKFZ Selangor



Radiography Testing on Flanges, KQKS Meru, Selangor



XPert ENGINEERING SOLUTION

HEADQUARTER

C1-2, Block C, Jalan Selaman 1, Dataran Palma,
68000 Ampang, Selangor, Malaysia.

☎ 9.00 A.M to 6.00 P.M

✉ admin@xessb.com

PUCHONG BRANCH

No. 22, Jalan BP 6/8, Bandar Baru Bukit Puchong,
47120 Puchong, Selangor, Malaysia.

☎ 03-4266 9797

03 4266 9797 (Fax)

013 983 9393 (Mobile)

PASIR GUDANG BRANCH

No 27. Jalan Bukit 9, Kawasan MIEL Bandar Seri
Alam, 81750, Masai, Johor, Malaysia.

f [@xpertengineeringsolutionofficial](https://www.facebook.com/xpertengineeringsolutionofficial)

GEBENG BRANCH

Lot T-12, Kompleks Premis Usahawan SME
Bank Kuantan, Jalan Gebeng 1/2, Kawasan
Perindustrian Gebeng 2,
26080 Kuantan, Pahang, Malaysia.

📷 XESSB

🐦 @Xpert_NDT

in XPert ENGINEERING SOLUTION

www.xessb.com