

# KNOWLEDGE TRANSFER REINVENTED



UTSB is specialist in Oil and Gas Training provider and has been in service since 2009. As we notified the demand for Oil and Gas Industry is increasing and the stake is high, Capable Development need to be in place to ensure that the nation have expertise to sustain this energy needs.

The knowledge in Exploration and Production is required by all parties involving in the industry for Operator's Project Development, Operation, Asset Maintenance, as well as Capability Development agencies. Hence, we in UTSB aware of this need and together we *Reinvented Knowledge Sharing* and Transfer to contribute for above requirement.



# UZIT

## TECHNOLOGY

*Moving Towards Excellence*



Company No : 865501-D  
PETRONAS License : L-865501-D  
MOF No : 357-02142464

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# TRAINING & SEMINAR SPECIALIST

For Oil & Gas Industry



## OUR COMPANY



We are PETRONAS License holder for Training Specialize Service. We have been continuously serving PETRONAS since 2009. We have also served a few other reputable clients, including Government Agencies.

## OUR VISION



To be major and preferred service provider for Oil and Gas Training Specialist within South East Asia and Middle East Region.

## OUR MISSION



To share our experience and transfer our knowledge, as well as offering our expertise through our Experienced Trainers in supporting Clients Capabilities Development.



# OUR FOUNDER

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Tn Haji Mazli B Wan Othman has obtained his professional education in Petroleum and Natural Gas Engineering from University of Malaysia (UTM).

Cumulative experience is more than 30 years in the Petroleum Industry (Upstream) in various discipline including training services. He started as trainer in Petroleum Industry since 1999. His last position was as Learning Associate in Institute Technology Petroleum PETRONAS (INSTEP).



# OUR SERVICES

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As an Oil and Gas Training provider, consultants and supplier, UTSB able to demonstrate in depth experience and expertise relating to the behavior of Oil and Gas Facilities. Subsequently, UTSB provide Oil and Gas Services in the following areas:

- Training Specialist
- Manpower Supply
- Project Management
- Drilling Consultancy
- Production Technology
- Well, Intervention, P&A Consultancy



# PROGRAMME METHODOLOGY

- Lecture, Team Learning
- Sub-groups discussion and conversation with designed framework
- Group discussion, conversation and reflection with facilitation
- Class exercise or case study
- Hands-on practical or site visit
- Assessment

# TRAINERS BACKGROUND

Our trainers are highly qualified in their area of expertise and have many years of experience in Upstream and Downstream Oil and Gas Sector.

Here is list of our Top Trainers with various type of Technical Training Expertise from Basic to Expert Technical Inventory.

## HAJI MOHAMMAD LATIF B MAD DESA

Discipline Expert : Project Management, Drilling & Production Technology

39 years of experience in Drilling, Completion and Workover in Malaysia, Sudan, Thailand and Saudi Arabia (Offshore and Onshore). Experience ranging from Drilling Management, Project Management, Field Development Plan and Project Decommissioning

Familiar with Jack Up, Tender, Semi-Submersible and Land Rig.

Participate in well planning process, risk assessment & mitigation, budget and FDP preparation.

Have good knowledge on Manage Pressure Drilling and Directional Casing Drilling applications.

5 years in hard-rock drilling & HPHT in gas wells onshore Saudi Arabia. 5 years in Exploration of HPHT wells of 9800 psi & 410° F offshore MTJDA, H2S environment (of more than 20%), etc.

## HAJI MOHD ZAKI B AWANG

Discipline Expert : Production Technology

He has total cumulative 32 years of experience in Oil and Gas Industry.

He started his career with PETRONAS in 1990 as Petroleum Engineer, Well Service Engineer and Production Technologist until 2000. He promoted as Head Surveillance in PETRONAS Carigali Vietnam in 2000.

In 2005, he again promoted as Staff Production Technologist as appointed as Technical Professional role until June 2006. He moved to Saudi Aramco as Completion Engineer from June 2006 to July 2011.

Along the way, he is also Co-Author of various SPE papers, as well as member of SPE KL. Then, he joined Talisman Malaysia as Completion Engineer in 2011 and subsequently appointed as Staff Production Technologist in 2013 and now as Associate Trainer with UZIT Technology.



## HAJI AHMAD SHUKRI B ABDUL GHANI

Discipline Expert : Production  
Technology

He has total cumulative 35 years  
of experience in Oil and Gas  
Industry.

He started his career with ESSO  
in 1985 as an Offshore  
Production Specialist and gain  
numerous experiences within the  
organization until 1998, namely  
as Safety Chairman and OSHA  
Work Place Committee. He  
gained, Level 4 Production  
Technician Certificate in 1989.

He moved to PETRONAS Carigali  
in 1998 as Production Line  
Trainer where he was involved in  
various field operation activities.  
He then, joined various  
consultancy service company as  
Technical and Marketing  
Manager.

In Jan 2003, he joined Institute  
Technology Petroleum  
PETRONAS (INSTEP) until 2008  
as Learning Associate and now as  
Associate Trainer with UZIT  
Technology.

## Ir. IDRIS B DUSA

Discipline Expert : Mechanical  
Engineering

With over 30 year's Oil and Gas  
Industry experience in Malaysia,  
Enthusiast, Consistent Performer,  
with strong Project Management  
and technical skills, corporate  
exposure and proven leadership  
track record. Obtained a BSc  
(Honours) Mechanical (Offshore)  
Engineering from Herriot-Watt  
University, Edinburgh (UK) in  
1981.



## HAJI HARIS B MANHAKIM

Discipline Expert : Instrumentation  
and Controls Engineering

Has accumulated a total of more  
than 35 years of working  
experience in Oil and Gas Business  
Chain i.e Development, Production  
and Maintenance in Upstream E&P  
sector, Petrochemical and in  
Cement Industry.

## ELIAS B ABLLAH

Discipline Expert : Electrical,  
Instrumentation and Production

20 years' experience in Electrical  
& Instrumentation, Well  
Completion, Production and  
Drilling Engineering. Also have  
involved in developing, planning  
and delivering Production  
Technician & Engineer program  
for INSTEP.







With extensive list of highly experienced Trainers, UTSB provides various training specialize for Oil and Gas Upstream and Downstream Sector as below.



## TRAINING SPECIALIST



### UPSTREAM

- Introduction to Petroleum Technology
- Introduction to Integrated HC Supply Chain
- Gas Lift Optimisation
- Production Operations
- Well Programming & Integrated Production Enhancement
- Integrated HC Supply Chain & Optimisation
- HC Accounting & Allocation
- Advance Oil & Gas Handling (Surface)
- Advance Oil & Gas Handling (Subsurface)
- Hydrocarbon Planning & Forecasting

### DOWNSTREAM

- Hydrocarbon Movement
- Safety in Process Design & Operation
- Hydrocarbon Planning & Forecasting
- HC Accounting & Allocation
- Effective Project Management Planning & Control
- Petroleum Economics

### INSTRUMENT & ELECTRICAL

- Introduction to SCADA System

## EXPLORATION & PRODUCTION

- Drilling
- Petroleum Economics
- Field Appraisal Plan
- Field Trip G&G
- Formation Evaluation
- Life of Field & Exploration
- Volumetric Estimation
- Well Completion
- Reservoir Geology

## DRILLING

- ARD Coaching + Exam
- Well Plugged & Abandonment
- PTS Workshop
- Well Construction and Engineering
- Casing design
- Torque & drag and well hydraulics
- Drill string design

## DRILLING

- Directional Drilling Applications
- Drill bits and hydraulics
- Wellhead and Xmas Tree selection
- Casing Drilling Technology & Application
- Fishing Operations
- Borehole Surveying
- Stuck Pipe Prevention & Fishing Ops
- Casing Cementing & Evaluation
- Fundamental of Drilling Planning & Operations
- Rig inspection, rig sizing and selection
- Overview of Drilling Operations
- Drilling & Revisit
- Workover Intervention Planning & Execution
- Formation Pressure Prediction
- Managing Well Site Operations

## DRILLING

- HSE Risk Assessment
- Extended Reach Drilling (ERD) Well Planning
- HPHT Well design and Operations
- MPD & UBD Technology & Application
- Innovative Drilling Technologies & Drilling Systems
- Well Integrity Management
- Managed pressure drilling and underbalance drilling
- Risk Assessment and Risk Management
- Well Control Engineering
- Fundamental of Coiled Tubing Drilling
- MPD & UBD Technology & Application
- Job Safety Analysis (JSA)
- Petroleum Economics
- Overview of Malaysian PSC Elements



## DRILLING

- Well Blowout Stimulation and Relief Well Planning
- Geomechanics for Drilling Engineers
- Fundamental of FDP Process
- Basic Petroleum Geology
- Mud Engineering
- Well Completions Design & Operations
- Introduction to offshore Oil & Gas Surface Facilities
- Production Enhancement - Acidizing, Stimulation, etc
- Production Technology - Reservoir & Tubing Performance
- Production Planning

## PROCESS & OPERATIONS

- Drilling
- Well Completion, Intervention & Sand Management
- Wellhead, Flow Lines, Production Header & Subsea Installation
- Separation of Oil, Gas & Produced Water Handling
- Artificial & Gas Lift Optimisation
- Water Injection System
- Utilities & Supporting System
- Fundamental of Process Measurement
- Gas Turbine
- Process Schematic
- Safety in Project Management
- Sampling & Handling of Samples
- Reliability & Integrity Management
- Flow Assurance







## HSE

- Risk Assessment (HIRARC) principal and control measures.
- Develop effective job Hazard Analysis. (JHA)
- Fire Watcher role and responsibility for Hot work.
- Safety Committee Member role and responsibility.
- Mercury Awareness.
- Safety Leadership for Project Manager, Site Manager, Safety and Health Officer SHO, Site Safety Supervisor SSS and Site Supervisor CSS.
- Fire Watcher role and responsibility for Hot work.
- Hot Work Safety, requirement and preparation for hot work.
- OSHA, FMA and EQA legislation understanding.
- Safety and Health in Managing Turnaround Shutdown.
- Reviewing JHA for critical job in managing turnaround shutdown.
- Introduction to LOTO and its application, Implementation and effectiveness.
- How to conduct Toolbox Talk effectively.

## HSE

- Process Safety Management Awareness.
- Process Safety Management Level 2.
- Emergency Response using ICS integrated Command System.
- Accident investigation using Root Cause Analysis thru Causal Learning Cause and Effect Diagram.
- Hydrogen Sulphide Safety and Emergency Response.
- PTW Fundamental for Applicant and Holder.
- PTW Fundamental for Approval, Issuer, Authorised Engineer, Authorised by Operation, Fire Hazard Signatories.
- High impact Safety Leadership culture for Top Management and middle management.
- Chemical handling, SDS and Spillage.



## SEMINAR SPECIALIST

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With our Specialist, UTSB can also conduct seminar for any institution or organisation, tailored, such as per below :-

- Introduction to Petroleum Technology
- Petroleum Exploration and Production
- Overview of Production Technology
- Overview of Drilling in Oil & Gas Industry
- Overview of Oil Industry and Job Opportunities

## MANPOWER SUPPLY

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With the tremendous growth in the Oil and Gas industries in Malaysia and the region, UTSB focus and intend to participate actively in the technical development, manpower services and operational as well as bringing in new technologist in the industries and looking forward to work with our trusted partners to give the best for our clients.

UTSB has been supplying its specialist and skill manpower in oil and gas industry, focused on Subsurface Technology inventory which induced Reservoir Management, Geophysical, Petrophysical, Surface Facilities Production and Operation. Currently UTSB is looking forward to collaborate with industry expert to further expand its empire to be leading oil and gas integrated company.





**INSTEP**<sup>®</sup>  
INSTITUT TEKNOLOGI PETROLEUM PETRONAS

# OUR CLIENT



**PETRONAS  
CARIGALI**



**TALISMAN**  
ENERGY

**PETRONAS  
CARIGALI  
TURKMENISTAN**



**PETRONAS  
PENAPISAN  
MELAKA**



**TANJUNG**  
TANJUNG OFFSHORE BERHAD



**UNIVERSITI  
TEKNOLOGI  
PETRONAS**

Petrofac



**POLITEKNIK  
SULTAN AZLAN SHAH**

**PETRONAS  
GAS**



**Scomi**  
Scomi Oiltools

INSTITUT KEMAHIRAN BELIA NEGERA



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA



**EPIC**

**EQ**  
enQuest



**Institut Latihan Perindustrian  
MIRI, SARAWAK**



Building our approach on a foundation of integrity and sincerity in all that we undertake, UTSB today provides the most effective training methodologies via knowledge transfer and experience sharing that full fill the needs and expectations of our clients, while long term relationship with our clients and partners are our business core pillars.

Growing tremendously in Malaysia and the region, UTSB focus and intend to participate actively in the technical development, manpower services and operational as well as bringing in new technologies in the industries and looking forward to work with our trusted partners to give the best for our clients.



## SUMMARY





# CONTACT US



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