

Learning Calendar 2022

Public Edition

Rev3 | Mar22

Start Your Technical Learning Journey Here



Your Preferred Technical Learning Solutions Partner

We **accelerate** your competency development through **experiential learning**

We **deliver** customised niche learning solutions anchored on **world-class facilities** and industry-experienced instructors

We further support your **exceptional growth** because we care about your **technical competencies**

HRD Corp Claimable

Selected INSTEP programmes are now **HRD Corp Claimable** and **more** will be registered and updated from time to time



Please **notify your respective HR focal** to apply for the grant before joining the training programme

Employers are advised to apply for the grant **at least five (5) working days before** participant(s) attend the training programme. Failure to do so may result in invalid claims to HRD Corp

Claim amounts may vary and is subjected to **HRD Corp Allowable Cost Matrix** calculations

Virtual Instructor-Led Training (VILT)

The new norm of learning

Blending the best of **interactive live** classroom training, the **convenient** and **cost-effective** virtual engagement with learners in online and offline activities from anywhere across the world

Experiential Learning

Hands-on experiences and reflection

Interactive theoretical learning in classroom, hands-on-training at practical workshop and **experiential learning** at INSTEP's first-of-its-kind, **Upstream Downstream Training Plant (UDTP)** will complement your digital learning experience



Innovative Technology Testing and Deployment

UDTP is the first-of-its-kind in the world

Upstream Downstream Training Plant (UDTP) simulates real Upstream and Downstream plant scenarios in safe environment and creates a **perfect ecosystem as testbed** to test and pilot new and **innovative technology deployment**

Public Learning Calendar

Click on the tab at the top
to view our learning solutions



You can use search button
in PDF to search for our programmes



Glossary of Terms



NEW PROGRAMME



UPDATED DATE



UPDATED FEE

A&C : Assessment & Certification

F2F : Face-to-Face Experiential Learning

HRD Corp : Human Resource Development Corporation

NR : Non-Residential

OTS : Off-the-Shelf

PDP : Professional Development Programme

R : Residential

VILT : Virtual Instructor-Led Training



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NEW PROGRAMME

UPDATED DATE



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NEW PROGRAMME

UPDATED DATE

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UPDATED DATE



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UPDATED DATE

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UPDATED DATE



Clickable content for
quick access to programme

Course Progression Map



Legend:

★★ Programme is available upon request

 Professional Development Programme (PDP)

 Assessment & Certification Programme (A&C)

Course Progression Map : Engineer

Suggested years of experience		Engineer							
		Operations		Maintenance					
		Exploration & Production	Process & Analytical	Mechanical & Inspection			Electrical	Instrumentation	
				Static	Inspection	Rotating			
Basic	1-3 years	<div>✓ P&ID and Schematic Diagram</div> <div>✓ Well Operation & Maintenance</div> <div>✓ Heat Exchanger Operation & Maintenance</div> <div>✓ Hydrocarbon Treatment System</div> <div>✓ Basic Petroleum Prod, Transportation & Processes</div> <div>✓ Oil and Gas Terminal Operation</div> <div>✓ Separator Operation</div> <div>✓ Gas Lift Operations and Optimisation</div> <div>✓ Wellhead and Production Header System</div> <div>✓ Gas Compression and Compressor Operation & Control</div> <div>✓ Gas Dehydration and Regeneration System</div> <div>✓ Petroleum Liquid and Gas Properties</div> <div>✓ Crude Separation and Crude/ Condensate Stabilisation</div> <div>✓ Produced Water Treatment System on the Platform</div> <div>✓ Water Injection System</div> <div>✓ Pipe, Valve, Fitting and P&ID</div> <div>✓ Watermaker Operation & Maintenance</div>	<div>✓ Tankage and Storage</div> <div>✓ Piping and Valves</div> <div>✓ Downstream Plant Familiarisation</div> <div>✓ Plant Start-up & Shutdown</div> <div>✓ P&ID and Schematic Diagram</div> <div>✓ Distillation Principles (Pilot Plant and CBT)</div> <div>✓ Water and Wastewater Treatment System</div> <div>✓ Pump Operation and Care</div> <div>✓ Heat Exchangers: Operation and Care</div> <div>✓ Plant Monitoring & Optimisation</div> <div>✓ Piping and Valves</div> <div>✓ Furnace</div> <div>✓ Tankage and Storage</div> <div>✓ Plant Process Troubleshooting (L2)</div> <div>✓ Compressor, Fan and Blowers: Operation and Care</div> <div>✓ Heat Exchangers:</div>	<div>✓ Operation and Care</div> <div>✓ Water and Wastewater Treatment System</div> <div>✓ Distillation Principles (Pilot Plant and CBT)</div> <div>✓ Tankage and Storage</div> <div>✓ Piping and Valves</div> <div>✓ Furnace</div> <div>✓ Gas Turbine: Operation and Care</div> <div>✓ Heat Exchangers: Operation and Care</div> <div>✓ Water and Wastewater Treatment System</div> <div>✓ Distillation Principles (Pilot Plant and CBT)</div> <div>✓ POTCP 01 -Distributed Control System (DCS)</div> <div>✓ POTCP 02 -Process Control</div> <div>✓ POTCP 03 -Process Troubleshooting</div> <div>✓ POTCP 04 -Plant Operation Practice</div> <div>✓ POTCP 05 -Process Safety Practice</div>	<div>✓ Introduction to Piping System **</div> <div>✓ DOMI Static Equipment ** (cover all static equipment)</div> <div>✓ Pressure Relieving Devices</div> <div>✓ Lifting and Rigging **</div> <div>✓ Valves and Safety Valves Maintenance & Repair</div> <div>✓ Tank Maintenance**</div> <div>✓ Flange Management</div>	<div>✓ Integrated Module ** (general inspection)</div> <div>✓ Welding Technology</div> <div>✓ Quality Control</div> <div>✓ Pressure Relieving Devices</div>	<div>✓ DOMI Pump</div> <div>✓ DOMI Gas Turbine</div> <div>✓ DOMI Compressor & Blowers</div> <div>✓ Condition Monitoring Equipment</div> <div>✓ DOMI Rotating Equipment</div> <div>✓ Single Stage Centrifugal Pump</div> <div>✓ Alignment Principles & Technology</div> <div>✓ Mechanical Seal Maintenance and Troubleshooting</div> <div>✓ Reciprocating Compressor</div> <div>✓ Positive Displacement Pump</div> <div>✓ Precision Practical Alignment **</div>	<div>✓ Protection Relay & Coordination</div> <div>✓ Generating Equipment & System</div> <div>✓ Basic Application of Ex Equipment in Hazardous Area</div> <div>✓ High Voltage Switching and Generator Synchronising Practice</div> <div>✓ Portable Equipment and Temporary Installation</div> <div>✓ Condition Monitoring and Maintenance of HV Switchgears and Transformers</div> <div>✓ Maintenance and Troubleshooting of LV Motors (AC/DC)</div> <div>✓ Generator Operation & Control System</div> <div>✓ Low Voltage Switchboard & Switchgear Equipment Operation & Maintenance</div> <div>✓ Maintenance and Troubleshooting of AC & DC Ups System</div> <div>✓ Testing, Pre-Commissioning and Commissioning of Electrical Equipment</div> <div>✓ HV System Switching</div> <div>✓ Electrical Protection System</div> <div>✓ IQ Motor Operated Valve (MOV)</div> <div>✓ Selection, Installation and Inspection of Ex Equipment in Hazardous Area</div>	<div>✓ Fundamental of Integrated Control Safety System (ICSS)</div> <div>✓ Process Measurement I</div> <div>✓ Control Valve</div> <div>✓ Quality Measuring Instrument</div> <div>✓ Vibration Monitoring System</div> <div>✓ Gas Detection System</div> <div>✓ Introduction to the Distributed Control System (DCS) Operation -ExperionPKS for Process Operator</div> <div>✓ Introduction to the Distributed Control System (DCS) Operation -Yokogawa CS 3000 for Process Operator</div> <div>✓ Plant Process Control & DCS System Operation</div> <div>✓ Process Control Theory and Application</div> <div>✓ Instrumented Safeguarding System</div> <div>✓ Liquid and Gas Metering</div> <div>✓ Safety PLC- Tricon TMR</div> <div>✓ Programmable Logic Controller -Allen Bradley CLX5000</div> <div>✓ PID Tuning</div> <div>✓ Honeywell EPKS Engineering & Maintenance</div>
		<div>✓ International Well Control Forum (IWCF) Well Control, L2</div> <div>✓ International Well Control Forum (IWCF) Well Control, L4</div> <div>✓ International Association of Drilling Contractor (IADC) WellSHARP, L4</div>						<div>✓ IECEX Unit Ex001 Competency Training Programme</div> <div>✓ A0 Chargeman</div>	<div>✓ Certified Personnel for Metering Validation & Calibration Competency Programme</div> <div>✓ Instrument Fitter</div>
Intermediate	4-8 years	<div>✓ Plant Monitoring & Optimisation</div> <div>✓ Plant Process Troubleshooting</div> <div>✓ Fundamental of Drilling Operation L2</div> <div>✓ Wellhead Preventive Maintenance L2</div>		<div>✓ DOMI of Piping System & Valve</div> <div>✓ DOMI of Static (Fire) - boiler fire equipment **</div> <div>✓ Welding Technology</div> <div>✓ Non-Destructive Testing</div> <div>✓ Flange Management</div>	<div>✓ Corrosion Control and Monitoring</div> <div>✓ Unfired Pressure Vessel Inspection</div> <div>✓ Welding Inspection</div>	<div>✓ Reciprocating Compressor Level 2</div> <div>✓ Positive Displacement Pump</div> <div>✓ Diesel Engine : Operation & Maintenance</div> <div>✓ Gas Turbine Operation & Maintenance</div> <div>✓ Pump Troubleshooting</div>	<div>✓ A4 Chargeman</div> <div>✓ B0 Chargeman</div> <div>✓ Low Voltage Overhead Lines</div> <div>✓ Low Voltage Generator and Synchronising</div> <div>✓ IECEX Unit Ex001 & Ex003 Competency Training Programme</div> <div>✓ IECEX Unit Ex007/008 Competency Training Programme</div> <div>✓ IECEX Unit Ex001 & Ex009 Competency Training Programme</div>		
Advanced	≥ 8 years			<div>✓ OSR MS</div> <div>✓ HSE MS</div> <div>✓ Fired Pressure Vessel Inspection</div> <div>✓ Piping Inspection</div> <div>✓ Risk Based Inspection</div>	<div>✓ Atmospheric Storage Tank (Awareness)</div> <div>✓ Hoisting & Lifting Equipment</div> <div>✓ Non-Destructive Testing</div> <div>✓ Welding Technology</div> <div>✓ OSR Competency Assessment</div>	<div>✓ High Voltage Generator and Synchronising</div> <div>✓ High Voltage Overhead Lines</div> <div>✓ B4 Chargeman</div>			

Course Progression Map : Engineer

Legend:

★ ★ Programme is available upon request

☐ Professional Development Programme (PDP)

☒ Assessment & Certification Programme (A&C)

Engineer					
Health, Safety & Environment					
All Levels	Upstream Carigali Requirement	Legal	Oil & Gas	Safety	Environment
	<ul style="list-style-type: none"> ✓ PCSB PTW Level 2 Certification Programme ✓ PCSB PTW Level 3 Certification Programme 	<ul style="list-style-type: none"> ✓ Safe Handling of Chemicals (SHOC) ✓ Hearing Conservation Awareness 	<ul style="list-style-type: none"> ✓ RA Tools Training (BowTie, HAZID, HAZOP, P-HAZOP and PASR Application) 	<ul style="list-style-type: none"> ✓ AGT for Non-Confined Space ✓ Basic First Aid (Knowledge Level) ✓ Job Hazard Analysis (JHA) ✓ Mercury Awareness 	<ul style="list-style-type: none"> ✓ BASEL Convention ✓ Environmental Management Awareness ✓ CePSWaM Field Training Report Preparation Workshop (FTR) _KL ✓ CePSWaM Field Training Report Preparation Workshop (FTR) ✓ Handling of Scheduled Waste
	Emergency & Crisis	Process Safety Management	Fire	General	
	<ul style="list-style-type: none"> ✓ Chemical Spill Response and Clean-up ✓ Emergency Response Team (ERT) ✓ Incident Investigation ✓ On-Scene Commander (OSC) 	<ul style="list-style-type: none"> ✓ Management of Change ✓ Process Safety Awareness 	<ul style="list-style-type: none"> ✓ Basic Fire Fighting 	<ul style="list-style-type: none"> ✓ Office Ergonomics ✓ Hydrogen Sulfide (H2S) Awareness ✓ Emergency Management Programme (EMP) ✓ Permit to Work Awareness ✓ Hazardous Material (HAZMAT) ✓ Personal Protective Equipment (PPE) ✓ Working at Height ✓ Working at Height & Rescue ✓ Asbestos Awareness ✓ Energy Isolation ✓ Hazard and Effect Management Process (HEMP) ✓ Actively Caring in Safety ✓ Benzene Awareness ✓ Handling of Stress at the Workplace ✓ Heat Stress Awareness ✓ Human Factors ✓ Indoor Air Quality Awareness ✓ Manual Handling Awareness 	

Legend:

★ ★ Programme is available upon request

 Professional Development Programme (PDP)

 Assessment & Certification Programme (A&C)

Course Progression Map : Technician

Suggested years of experience	Technician						
	Operations		Maintenance				
	Exploration & Production	Process & Analytical	Static	Inspection	Rotating	Electrical	Instrumentation
Basic 1-3 years	<ul style="list-style-type: none"> ✓ Plant Process Troubleshooting ✓ Plant Monitoring & Optimisation ✓ P&ID and Schematic Diagram 	<ul style="list-style-type: none"> ✓ Tankage and Storage ✓ Piping and Valves ✓ Downstream Plant Familiarisation ✓ Plant Start-up & Shutdown ✓ P&ID and Schematic Diagram ✓ Distillation Principles (Pilot Plant and CBT) ✓ Water and Wastewater Treatment System ✓ Pump Operation and Care ✓ Heat Exchangers: Operation and Care 	<ul style="list-style-type: none"> ✓ Introduction to Piping System ** ✓ DOMI Static Equipment ** (cover all static equipment) ✓ Pressure Relieving Devices ✓ Lifting and Rigging ** ✓ Valves and Safety Valves ✓ Maintenance & Repair ✓ Tank Maintenance** 	<ul style="list-style-type: none"> ✓ Integrated Module ** (general inspection) ✓ Welding Technology ✓ Quality Control ✓ Pressure Relieving Devices 	<ul style="list-style-type: none"> ✓ DOMI Pump ✓ DOMI Gas Turbine ✓ DOMI Compressor & Blowers ✓ Condition Monitoring Equipment ✓ DOMI Rotating Equipment ✓ Single Stage Centrifugal Pump ✓ Alignment Principles & Technology ✓ Reciprocating Compressor ✓ Positive Displacement Pump 	<ul style="list-style-type: none"> ✓ Low Voltage Switchboard & Switchgear Equipment Operation & Maintenance ✓ Maintenance and Troubleshooting of LV Motors (AC/DC) ✓ Generator Operation & Control System ✓ Portable Equipment and Temporary Installation ✓ Protection Relay & Coordination ✓ Generating Equipment & System ✓ Basic Application of Ex Equipment in Hazardous Area 	<ul style="list-style-type: none"> ✓ Fundamental of Integrated Control Safety System (ICSS) ✓ Process Measurement I ✓ Control Valve ✓ Quality Measuring Instrument ✓ Vibration Monitoring System ✓ Gas Detection System ✓ Introduction to the Distributed Control System (DCS) Operation - ExperionPKS for Process Operator ✓ Introduction to the Distributed Control System (DCS) Operation - Yokogawa CS 3000 for Process Operator
Intermediate 4-8 years	<ul style="list-style-type: none"> ✓ Produced Water Treatment System on the Platform ✓ Crude Separation and Crude/ Condensate Stabilisation ✓ Gas Dehydration and Regeneration System ✓ Oil and Gas Terminal Operation ✓ Hydrocarbon Treatment System ✓ Plant Process Troubleshooting ✓ Plant Monitoring & Optimisation 	<ul style="list-style-type: none"> ✓ Plant Monitoring & Optimisation ✓ Piping and Valves ✓ Furnace ✓ Tankage and Storage ✓ Plant Process Troubleshooting (L2) ✓ Compressor, Fan and Blowers: Operation and Care ✓ Heat Exchangers: Operation and Care ✓ Water and Wastewater Treatment System ✓ Distillation Principles (Pilot Plant and CBT) 	<ul style="list-style-type: none"> ✓ DOMI of Piping System & Valve ✓ DOMI of Static (Fire) - boiler fire equipment ** ✓ Welding Technology ✓ Non-Destructive Testing 	<ul style="list-style-type: none"> ✓ Unfired Pressure Vessel Inspection ✓ Welding Inspection 	<ul style="list-style-type: none"> ✓ Precision Practical Alignment ** ✓ Reciprocating Compressor Level 2 ✓ Positive Displacement Pump ✓ Diesel Engine : Operation & Maintenance ✓ Gas Turbine Operation & Maintenance ✓ Mechanical Seal Maintenance and Troubleshooting 	<ul style="list-style-type: none"> ✓ High Voltage Switching and Generator Synchronising Practice ✓ Condition Monitoring and Maintenance of HV Switchgears and Transformers ✓ Maintenance and Troubleshooting of AC & DC Ups System ✓ Testing, Pre-Commissioning and Commissioning of Electrical Equipment ✓ Electrical Protection System ✓ IO Motor Operated Valve (MOV) ✓ Selection, Installation and Inspection of Ex Equipment in Hazardous Area 	<ul style="list-style-type: none"> ✓ Plant Process Control & DCS System Operation ✓ Process Control Theory and Application ✓ Instrumented Safeguarding System ✓ Liquid and Gas Metering ✓ Safety PLC- Tricon TMR ✓ Programmable Logic Controller - Allen Bradley CLX5000 ✓ Honeywell EPKS Engineering & Maintenance
Advanced ≥ 8 years	<ul style="list-style-type: none"> ✓ Gas Lift Operations and Optimisation ✓ Wellhead and Production Header System ✓ Gas Compression and Compressor Operation & Control ✓ Water Injection System ✓ Watermaker Operation & Maintenance 	<ul style="list-style-type: none"> ✓ Tankage and Storage ✓ Piping and Valves ✓ Furnace ✓ Gas Turbine: Operation and Care ✓ Heat Exchangers: Operation and Care ✓ Water and Wastewater Treatment System ✓ Distillation Principles (Pilot Plant and CBT) ✓ POTCP 01 - Distributed Control System (DCS) ✓ POTCP 02 - Process Control ✓ POTCP 03 - Process Troubleshooting ✓ POTCP 04 - Plant Operation Practice ✓ POTCP 05 - Process Safety Practice 	<ul style="list-style-type: none"> ✓ Pump Troubleshooting 			<ul style="list-style-type: none"> ✓ HV System Switching 	<ul style="list-style-type: none"> ✓ P&ID Tuning

Course Progression Map : Technician

Legend:

★ ★ Programme is available upon request

 Professional Development Programme (PDP)

 Assessment & Certification Programme (A&C)

Technician					
All Levels	Health, Safety & Environment				
	Upstream Carigali Requirement	Legal	Oil & Gas	Safety	Environment
	✓PCSB PTW Level 2 Certification Programme ✓PCSB PTW Level 3 Certification Programme	✓Safe Handling of Chemicals (SHOC) ✓Hearing Conservation Awareness ✓CePSWaM ✓Authorised Entrant and Standby Person for Confined Space (AESP) - Level 1 ✓Authorised Entrant and Standby Person for Confined Space -Refresher (AESP) – Level 1	✓RA Tools Training (BowTie, HAZID, HAZOP, P-HAZOP and PASR Application)	✓AGT for Non-Confined Space ✓Basic First Aid (Knowledge Level) ✓Job Hazard Analysis (JHA) ✓Mercury Awareness	✓BASEL Convention ✓Environmental Management Awareness ✓CePSWaM Field Training Report Preparation Workshop (FTR) _KL ✓CePSWaM Field Training Report Preparation Workshop (FTR) ✓Handling of Scheduled Waste
	Emergency & Crisis	Process Safety Management	Fire	General	
	✓Chemical Spill Response and Clean-Up ✓Emergency Response Team (ERT) ✓Incident Investigation ✓On-Scene Commander (OSC)	✓Management of Change ✓Process Safety Awareness	✓Basic Fire Fighting	✓Office Ergonomics ✓Hydrogen Sulfide (H2S) Awareness ✓Emergency Management Programme (EMP) ✓Permit to Work Awareness ✓Hazardous Material (HAZMAT) ✓Personal Protective Equipment (PPE) ✓Working at Height ✓Working at Height & Rescue ✓Asbestos Awareness ✓Energy Isolation ✓Hazard and Effect Management Process (HEMP) ✓Actively Caring in Safety ✓Benzene Awareness ✓Handling of Stress at the Workplace ✓Heat Stress Awareness ✓Human Factors ✓Indoor Air Quality Awareness ✓Manual Handling Awareness	

Professional Development Programme (PDP)















OTS PDP: Exploration & Production (E&P)

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022												
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
Drilling Programme																						
1	OTS PDP : Drilling for Non Driller (VILT)	2	VILT	MS Teams	Coming Soon	2,280	3	20	2						15-16							
Exploration & Production Programme																						
2	OTS PDP : Well Operation & Maintenance (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3	Upon Request (Click to Enquire)												
Petroleum Industry Programme																						
3	OTS PDP : Introduction to Petroleum Technology (VILT)	2	VILT	MS Teams	Coming Soon	3,950	5	15	4								8-11					
4	OTS PDP : Overview of Petroleum Industry (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3	Upon Request (Click to Enquire)												
Technician Programme																						
5	OTS PDP : Basic Petroleum Prod, Transportation & Processes (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3		22 - 24											
6	OTS PDP : Gaslift Operations and Optimisation (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3			15 - 17										
7	OTS PDP : Gas Compression and Compressor Operation & Control (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3				5 - 7									
8	OTS PDP : Gas Dehydration and Regeneration System (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3						14 -16							
9	OTS PDP : Petroleum Liquid and Gas Properties (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3							12 - 14						
10	OTS PDP : Pipe, Valve, Fitting & PNID (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3								16 -18					
11	OTS PDP : Produced Water Treatment System On The Platform (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3									20 - 22				
12	OTS PDP : Wellhead and Production Header System (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3											8 - 10		
13	OTS PDP : Water Injection System (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3										11 - 13			

OTS PDP: Exploration & Production (E&P)

Programme Leader: Mohamad Muaz Bin Abdul Rasid +609-668 6148 +6016-656 9468 mohamadmuaz.abdrasi@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022												
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
Technician Programme																						
14	OTS PDP : Crude Separation and Crude/ Condensate Stabilization (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3	Upon Request (Click to Enquire)												
15	OTS PDP : Heat Exchanger Operation & Maintainance (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3													
16	OTS PDP : Hydrocarbon Treatment System (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3													
17	OTS PDP : Oil and Gas Terminal Operation (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3													
18	OTS PDP : Separator Operation (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3													
19	OTS PDP : Watermaker Operation & Maintainance (VILT)	2	VILT	MS Teams	Coming Soon	1,970	6	20	3													
Training Plant Operation – Upstream																						
20	OTS PDP : Plant Process Troubleshooting (L2)	2	F2F (NR)	INSTEP*	Coming Soon	4,260	8	10	3	Upon Request (Click to Enquire)												
21	OTS PDP : Plant Start-up & Shutdown	2	F2F (NR)	INSTEP*	Coming Soon	6,040	8	10	5													
22	OTS PDP : Plant Monitoring & Optimization	2	F2F (NR)	INSTEP*	Coming Soon	4,260	8	10	3													
23	OTS PDP : PNID & Schematic Diagram	2	F2F (NR)	INSTEP*	Coming Soon	3,720	8	10	3													
24	OTS PDP : Upstream Plant Familiarization	2	F2F (NR)	INSTEP*	Coming Soon	2,930	8	10	2													

OTS PDP: Process & Analytical (P&A) – Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my			Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022												
											Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
	1	OTS PDP : Compressor, Fan and Blowers: Operation and Care	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3					30/5-1/6				12-14			
	2	OTS PDP : Cooling Water	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3						18-20						
	3	OTS PDP : Filter and Strainer: Operation and Care	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	3,780	6	20	2						21-22						
	4	OTS PDP : Furnace	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	3,780	6	20	2						28-29						
	5	OTS PDP : Gas Turbine: Operation and Care	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3						4-6						
	6	OTS PDP : Piping and Valves	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3							1-3					
	7	OTS PDP : Plant Air Systems	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	3,060	6	20	2												13-14
	8	OTS PDP : Reactor: Operation and Care	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3						25-27						
	9	OTS PDP : Steam Turbine: Operation & Care	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3							22-24					
	10	OTS PDP : Tankage and Storage	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3							1-3					
	11	OTS PDP : Terminal Operation	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	3,830	6	20	2										17-18		
	12	OTS PDP : Utility: Flare, LDS & Fuel Gas System	<div>NEW PROGRAMME</div>	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3										3-5		
	13	OTS PDP : Heat Exchangers: Operation and Care	<div>UPDATED DATE</div>	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3						13-15						
	14	OTS PDP : Heat Exchangers: Operation and Care (VILT)		2	VILT	MS Teams	Yes	3,240	5	20	3					23-25							

OTS PDP: Process & Analytical (P&A) – Process Operations

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my		Level	Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
15	OTS PDP : Pump Operation and Care UPDATED DATE	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3					23-25			15-17				5-7
16	OTS PDP : Pump Operation and Care (VILT)	2	VILT	MS Teams	Coming Soon	3,240	5	20	3								8-10				
17	OTS PDP : Water and Waste Water Treatment System UPDATED DATE	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3					17-19							
18	OTS PDP : Water and Waste Water Treatment System (VILT)	2	VILT	MS Teams	Yes	3,240	5	20	3		21-23										
19	OTS PDP : Fundamentals Process Control System Engineering	3	F2F (NR)	INSTEP*	Yes	6,530	8	20	4										14-17		
20	OTS PDP : Separation Process UPDATED DATE	3	F2F (NR)	KL	Coming Soon	3,240	6	20	2						7-8						
21	OTS PDP : Separation Process (VILT)	3	VILT	MS Teams	Yes	2,360	5	20	2								5-6				

OTS PDP: Process & Analytical (P&A) – Laboratory

Programme Leader: Ahmad Yusuf B Hussain +609-668 6226 +6013-239 0864 yusuf.hussain@petronas.com.my											2022											
		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
	1	OTS PDP : Fundamental of Analysis and Hydrocarbon Chemistry	NEW PROGRAMME	2	F2F (NR)	KL	Coming Soon	3,780	6	20	2						4-5					
	2	OTS PDP : Inventory and Record	NEW PROGRAMME	2	F2F (NR)	KL	Coming Soon	3,780	6	20	2						25-26					
	3	OTS PDP : Laboratory Safety	UPDATED DATE	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3				23-25							
	4	OTS PDP : Laboratory Safety (VILT)		2	VILT	MS Teams	Coming Soon	3,240	5	20	2			7-8								
	5	OTS PDP : Physical and Biological Techniques	NEW PROGRAMME	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3						22-24					
	6	OTS PDP : Reagent Preparation and Standardisation	NEW PROGRAMME	2	F2F (NR)	KL	Coming Soon	3,780	6	20	2							26-27				
	7	OTS PDP : Sample Management and Field Testing	NEW PROGRAMME	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3								17-19			
	8	OTS PDP : Spectroscopy Technique Analysis	NEW PROGRAMME	2	F2F (NR)	Melaka	Coming Soon	4,700	6	20	3									7-9		
	9	OTS PDP : Titration and Electrochemistry	NEW PROGRAMME	2	F2F (NR)	KL	Coming Soon	4,700	6	20	3										5-7	
	10	OTS PDP : Water & Wastewater Analysis	NEW PROGRAMME	2	F2F (NR)	INSTEP	Coming Soon	3,740	6	20	3					7-9						
	11	OTS PDP : Calibration Requirements of Laboratory	NEW PROGRAMME	3	F2F (NR)	KL	Coming Soon	4,700	6	20	3						8-10					
	12	OTS PDP : Maintenance and Troubleshooting of Gas	NEW PROGRAMME	3	F2F (NR)	INSTEP	Coming Soon	3,130	6	20	3							12-14				
	13	OTS PDP : Principles and Calibration of Gas Chromatograph	UPDATED DATE	3	F2F (NR)	KL	Coming Soon	4,700	6	20	3					20-22						
	14	OTS PDP : Principles and Calibration of Gas Chromatograph (VILT)		3	VILT	MS Teams	Coming Soon	3,240	5	20	3					13-15						

OTS PDP: Mechanical

Programme Leader: M Naim Abu 013-574 9697 mnaim.abu@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	OTS PDP : Alignment Principles & Technology	F2F (NR)	INSTEP*	Yes	2,090	5	20	3			15-17									
2	OTS PDP : Condition Monitoring of Rotating Equipment	F2F (NR)	INSTEP*	Coming Soon	2,090	5	25	3								9-11				
3	OTS PDP : Diesel Engine : Operation & Maintenance	F2F (NR)	INSTEP*	Coming Soon	2,610	5	20	4							25-28					
4	OTS PDP : Mechanical Seal Maintenance and Troubleshooting	F2F (NR)	INSTEP*	Coming Soon	2,090	5	20	3		8-10										
5	OTS PDP : Non Destructive Testing	F2F (NR)	INSTEP*	Coming Soon	2,610	5	20	4								8-11				
6	OTS PDP : Positive Displacement Pump	F2F (NR)	INSTEP*	Coming Soon	1,680	5	20	2						13-14						
7	OTS PDP : Precision Practical Alignment	F2F (NR)	INSTEP*	Coming Soon	2,090	5	20	3		22-24										
8	OTS PDP : Pressure Relieving Devices	F2F (NR)	INSTEP*	Coming Soon	1,680	5	20	2							18-19					
9	OTS PDP : Pump Troubleshooting	F2F (NR)	INSTEP*	Coming Soon	1,670	5	20	2									24-25			
10	OTS PDP : Reciprocating Compressor	F2F (NR)	INSTEP*	Coming Soon	2,090	5	20	3			8-10									
11	OTS PDP : Single Stage Centrifugal Pump	F2F (NR)	INSTEP*	Coming Soon	2,090	5	20	3			22-24									
12	OTS PDP : Valves and Safety Valves Maintenance & Repair	F2F (NR)	INSTEP*	Coming Soon	2,090	5	20	3									26-28			
13	OTS PDP : Welding Inspection	F2F (NR)	INSTEP*	Coming Soon	2,090	5	20	3			29-31									
14	OTS PDP : Welding Technology	F2F (NR)	INSTEP*	Coming Soon	2,610	5	20	4									17-20			

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

OTS PDP: Electrical

Programme Leader: Muhammad Badiuzzaman Bin Rusli +609 - 6686 295 +6019 - 3417 612 mbadiuzzaman.rusli@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	OTS PDP : Condition-Based Monitoring of High Voltage Switchgears and Transformers	F2F (NR)	INSTEP*	Coming Soon	3,620	5	10	4												
2	OTS PDP : Electrical Protection System (VILT)	VILT	MS Teams	Coming Soon	2,480	5	10	2			30 - 31									
3	OTS PDP : Earthing, Lightning & Cathodic Protection System (VILT)	VILT	MS Teams	Coming Soon	2,790	5	10	2									5 - 7			
5	OTS PDP : Generator Operation and Control System (VILT)	VILT	MS Teams	Coming Soon	2,480	5	10	2						7 - 9			21 - 22			
6	OTS PDP : Heating, Ventilation & Air Conditioning System (VILT)	VILT	MS Teams	Coming Soon	2,790	5	10	3					24 - 26							
7	OTS PDP : High Voltage System Switching	F2F (NR)	INSTEP*	Coming Soon	3,220	5	10	3										1 - 3		
8	OTS PDP : Motor Operated Valve (MOV)	F2F (NR)	INSTEP*	Coming Soon	2,310	5	10	3										15 - 16		
9	OTS PDP : Maintenance and Troubleshooting of AC & DC UPS System (VILT)	VILT	MS Teams	Coming Soon	2,480	5	10	2								2 - 4				
10	OTS PDP : Maintenance and Troubleshooting of Low Voltage Motor (VILT)	VILT	MS Teams	Coming Soon	2,480	5	10	2			9 - 10									
11	OTS PDP : Operation and Maintenance of High Voltage Motor (VILT)	VILT	MS Teams	Coming Soon	2,480	5	10	3										4 - 6		
12	OTS PDP : Operation and Maintenance of Solar Energy (VILT)	VILT	MS Teams	Coming Soon	2,480	5	10	3						21 - 23			27 - 29			
13	OTS PDP : Pre- Commissioning and Commissioning of Electrical Equipment (VILT)	VILT	MS Teams	Coming Soon	2,480	5	10	2			16 - 18									
14	OTS PDP : Portable Electrical Equipment and Temporary Installation (VILT) <small>UPDATED DATE</small>	VILT	MS Teams	Coming Soon	2,480	5	10	2		23 - 24		11 - 12								
15	OTS PDP : Power Management Practice (VILT)	VILT	MS Teams	Coming Soon	2,480	5	10	2							13 - 14					
16	OTS PDP : Selection, Installation and Inspection of Ex Equipment (VILT)	VILT	MS Teams	Coming Soon	2,480	5	10	2		16-17					29 - 30					
17	OTS PDP : Soft Starter & Variable Speed Drive System (VSDS)	F2F (NR)	INSTEP*	Coming Soon	3,220	5	10	3										25 - 27		
18	OTS PDP : High Voltage Switching and Generator Synchronizing Practice	F2F (NR)	INSTEP*	Coming Soon	6,910	5	10	Upon Request (Click to Enquire)												
19	OTS PDP : Low Voltage Switching and Generator Synchronizing Practice	F2F (NR)	INSTEP*	Coming Soon	5,280	5	10													

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes

OTS PDP: Instrumentation & Control

Programme Leader: M Nazmi Mizan +609 - 6686 322 +6017 - 9096 972 mnazmi.mizan@petronas.com.my			Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	OTS PDP : Control Valve I (VILT)	UPDATED DATE	VILT	MS Teams	Coming Soon	1,750	5	15	2						13-14						
2	OTS PDP : Control Valve II		F2F (NR)	INSTEP*	Coming Soon	3,570	8	15	3									11-13			
3	OTS PDP : Instrumented Safeguarding System I (VILT)		VILT	MS Teams	Coming Soon	1,750	5	15	2			21-22									
4	OTS PDP : Instrumented Safeguarding System II		F2F (NR)	INSTEP*	Yes	3,570	8	15	3									24-26			
5	OTS PDP : Process Measurement I (VILT)		VILT	MS Teams	Coming Soon	1,750	5	15	2						4-5						
6	OTS PDP : Process Measurement II		F2F (NR)	INSTEP*	Coming Soon	3,570	8	15	3									17-19			
7	OTS PDP : Liquid and Gas Metering (VILT)		VILT	MS Teams	Coming Soon	1,750	5	15	2			28-29									
8	OTS PDP : Process Control Theory and Application (VILT)		VILT	MS Teams	Coming Soon	1,750	5	15	2						13-14						
9	OTS PDP : Vibration Monitoring System		F2F (NR)	INSTEP*	Coming Soon	3,570	8	15	3										8-10		
10	OTS PDP : Gas Chromatograph		F2F (NR)	INSTEP*	Yes	3,570	8	15	3							8-10					
11	OTS PDP : PID Tuning		F2F (NR)	INSTEP*	Coming Soon	3,570	8	15	3												6-8
12	OTS PDP : Quality Measuring Instrument		F2F (NR)	INSTEP*	Coming Soon	3,570	8	15	3						18-20						
13	OTS PDP : Gas Turbine and Control System -Solar-Turbotronic I		F2F (NR)	Kuantan	Yes	4,390	10	15	4										21-24		
14	OTS PDP : GE Heavy Duty Gas Turbine		F2F (NR)	Kuantan	Yes	4,390	10	15	4												19-22
15	OTS PDP : Gas Detection System		F2F (NR)	INSTEP*	Yes	3,570	8	15	3												20-22

OTS PDP: Instrumentation & Control

Programme Leader: M Nazmi Mizan +609 - 6686 322 +6017 - 9096 972 mnazmi.mizan@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
16	OTS PDP : Programmable Logic Controller - Allen Bradley CLX5000	F2F (NR)	INSTEP*	Coming Soon	3,570	8	15	3								15-17				
17	OTS PDP : Introduction to the Distributed Control System (DCS) Operation - Experion PKS for Process Operator	F2F (NR)	INSTEP*	Yes	3,570	8	15	3							25-27					
18	OTS PDP : Introduction to the Distributed Control System (DCS) Operation - Yokogawa CS 3000 for Process Operator	F2F (NR)	INSTEP*	Yes	3,570	8	15	3									13-15			
19	OTS PDP : Honeywell EPKS Engineering & Maintenance	F2F (NR)	INSTEP*	Yes	4,630	8	15	4										10-13		
20	OTS PDP : Safety PLC- Tricon TMR	F2F (NR)	INSTEP*	Yes	3,570	8	15	3												6-8
21	OTS PDP : Instrument Installation and Maintenance	F2F (NR)	KL	Yes	4,400	8	15	3								23-25				
22	OTS PDP : Solar Turbine & Control System II	F2F (NR)	Kuantan	Coming Soon	4,390	10	15	4											14-17	
23	OTS PDP : ControlLogix System Maintenance & Troubleshooting	F2F (NR)	INSTEP*	Yes	3,570	8	15	3							18-20					

OTS PDP: Health, Safety & Environment

Programme Leader: Raja Surida Bt Saiful Bahri +609 - 668 6346 +6016 - 3334 094 rajasurida.sb@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	OTS PDP : Application of Behavior Safety to Attain Generative Safety Culture (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1	Upon Request (Click to Enquire)											
2	OTS PDP : Applying the Basic First Aid in Occupational Setting (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
3	OTS PDP : Basic Skills in Fire Fighting Technique (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
4	OTS PDP : CePSWaM Field Training Report Preparation Workshop (FTR) (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2												
5	OTS PDP : Company Competent Gas Tester (CCGT) (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
6	OTS PDP : Conducting a Job Hazard Analysis (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
7	OTS PDP : Effective Safety and Health Committee (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
8	OTS PDP : Emergency Management Program (EMP) (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2												
9	OTS PDP : Emergency Response Team (ERT) (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2												
10	OTS PDP : Essential Knowledge in Managing Environment (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
11	OTS PDP : Fire Watcher (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
12	OTS PDP : Guidelines for Safe Handling of Mercury (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
13	OTS PDP : Hands-on Application of BowTie XP Software for Conducting Risk Assessment	F2F (NR)	INSTEP*	Coming Soon	3,400	10	15	2												
14	OTS PDP : Hands-on Experience in Using Bow Tie XP Software	F2F (NR)	INSTEP*	Coming Soon	3,100	10	15	2												
15	OTS PDP : Hazard and Effect Management Process (HEMP) (VILT)	VILT	MS Teams	Coming Soon	1,800	10	15	3												

OTS PDP: Health, Safety & Environment

Programme Leader: Raja Surida Bt Saiful Bahri +609 - 668 6346 +6016 - 3334 094 rajasurida.sb@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
16	OTS PDP : Implementation of Electrical and Energy Isolation (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1	Upon Request (Click to Enquire)											
17	OTS PDP : Manual Handling at Workplace (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
18	OTS PDP : Noise & Hearing Conservation Awareness (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
19	OTS PDP : Overview of Safety Leadership Models to Drive Safety Excellence (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
20	OTS PDP : Personal Protective Equipment (PPE) (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
21	OTS PDP : PTW for Approving Authority (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2												
22	OTS PDP : PTW for Receiving Authority (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
23	OTS PDP : Root Cause Analysis (Incident Investigation) - 5 Why & Tripod Beta (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2												
24	OTS PDP : Safe Handling of Chemicals (SHOC) (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2												
25	OTS PDP : Safe Handling of Hazardous Wastes at the Worksite (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
26	OTS PDP : Technique for Effective Response and Clean-up of Chemical Spills (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
27	OTS PDP : The ABC in Process Safety (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												
28	OTS PDP : Tools and Techniques for Conducting Risk Assessments (VILT)	VILT	MS Teams	Coming Soon	1,170	10	15	2												
29	OTS PDP : Working at Height & Rescue	F2F (NR)	INSTEP*	Coming Soon	1,360	10	15	2												
30	OTS PDP : Working at Height Awareness (VILT)	VILT	MS Teams	Coming Soon	730	10	15	1												

Assessment & Certification (A&C)



OTS A&C: Exploration & Production (E&P)

Programme Leader: Siti Suhaili Bt Shuib +609-668 6150 +6013-5868208 sitisuhaili.shuib@petronas.com.my			Prog. Type	Venue* (may be inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Advanced Pigging Operation Certification Scheme (APOCS)																					
1	OTS A&C : Advanced Pigging Operation Certification Scheme (APOCS)		F2F (NR)	INSTEP*	Coming Soon	7,000	10	20	5	23-27	20-24	13-17			12-16	17-21		18-22		13-17	18-22
Upstream Panel Operator Certification Programme (UPOCP)																					
2	OTS A&C : UPOCP: Control Room Operator – Emergency Response Preparedness (CRO-ERP)		F2F (NR)	INSTEP*	Coming Soon	7,000	6	6	3		7-9	28-30			13-15		8-10		3-5		6-8

OTS A&C: Process & Analytical (P&A) – CePIETSO BP

Programme Leader: Siti Suhaili Bt Shuib +609-668 6150 +6013-5868208 sitisuhaili.shuib@petronas.com.my		Prog. Type	Venue* (may be Inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	OTS A&C: Certified Environmental Professional in the Operation of Industrial Effluent Treatment Systems (Biological Process)- CePIETSO BP	F2F (NR)	INSTEP	Yes	5,000	13	24	5	9-13 23-27	13-17	20-24		22-26	19-23	3-7	31/7-4/8 21-25	18-22	2-6	30/10-3/11 20-24	11-15

OTS A&C: Mechanical & Inspection (M&I) – OSR Inspector

Programme Leader: Suhaili Hamah Muding – Muhamad +609 - 668 6120 +010 - 236 5883 suhaili.hamahmuding@petronas.com.my		Prog. Type	Venue* (may be inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	OTS A&C : Atmospheric Storage Tank	F2F (NR)	KL / INSTEP*	Coming Soon	2,960	5	10	1									1			
2	OTS A&C : Fired Pressure Vessel Inspection	F2F (NR)	KL / INSTEP*	Coming Soon	5,290	5	10	2			15-16						6-7			
3	OTS A&C : Hoisting & Lifting Equipment	F2F (NR)	KL / INSTEP*	Coming Soon	4,470	5	10	2							12-13	16-17				
4	OTS A&C : HSE MS	F2F (NR)	KL / INSTEP*	Coming Soon	3,710	5	10	1.5		17-18						2-3				
5	OTS A&C : Non Destructive Testing	F2F (NR)	KL / INSTEP*	Coming Soon	4,470	5	10	2							14-15		20-21	11-12		
6	OTS A&C : OSR Competency Assessment	F2F (NR)	KL / INSTEP*	Coming Soon	1,660	3	10	1			25						29		1	
7	OTS A&C : OSR MS	F2F (NR)	KL / INSTEP*	Coming Soon	3,710	5	10	1.5		16-17						3-4				
8	OTS A&C : Piping Inspection	F2F (NR)	KL / INSTEP*	Coming Soon	4,470	5	10	2				5-6						20-21		
9	OTS A&C : Risk Based Inspection	F2F (NR)	KL / INSTEP*	Coming Soon	4,470	5	10	2				7-8					14-15			
10	OTS A&C : Unfired Pressure Vessel Inspection	F2F (NR)	KL / INSTEP*	Coming Soon	5,290	5	10	2			17-18					11-12				
11	OTS A&C : Welding Technology	F2F (NR)	KL / INSTEP*	Coming Soon	4,470	5	10	2								23-24		13-14		

OTS A&C: Electrical – IECEX Competency Training Programme & Assessment

Programme Leader: M Faizzudin Ahmad Azhar +609 - 668 6120 +6014 512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue* (may be inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	OTS A&C : IECEX Unit Ex001 Competency Training Programme (VILT)	VILT	MS Teams	Coming Soon	1,800	2	16	3			29 - 31			28-30						
2	OTS A&C : IECEX Unit Ex001 Competency Training Programme & Assessment **	F2F (NR)	KL	Coming Soon	4,950	3	10	2								29- 30			29-30	
3	OTS A&C : IECEX Unit Ex001 & Ex003 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Coming Soon	8,430	3	11	4										10-13		
4	OTS A&C : IECEX Unit Ex001, Ex003, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Coming Soon	11,650	3	13	5								07-11		16-20		
5	OTS A&C : IECEX Unit Ex001, Ex004, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Coming Soon	11,650	3	14	5											13-17	
6	OTS A&C : IECEX Unit Ex001, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Coming Soon	8,850	3	12	4							18-21					
7	OTS A&C : IECEX Unit Ex001 & Ex009 Competency Training Programme & Assessment **	F2F (NR)	KL	Coming Soon	9,690	3	15	4										31/10-03/11		
8	OTS A&C : IECEX Refresher (Exclude Examination)	F2F (NR)	INSTEP*	Coming Soon	670	N/A		1	Upon Request (Click to Enquire)											

Note:

1. Fee is inclusive of Assessment**
2. *Assessment Date is subject to SIRIM's Availability*

OTS A&C: Electrical – Chargeman Programme

Programme Leader: M Faizzudin Ahmad Azhar +609 - 668 6120 +6014 512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue* (may be inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	OTS A&C : A0 Chargeman	F2F (NR)	INSTEP*	Coming Soon	15,030	2	15	80				3/4 – 4/8			14/8 - 8/12					
2	OTS A&C : A4 Chargeman	F2F (NR)	INSTEP*	Coming Soon	18,730	2	12	100				22/5 - 20/10								
3	OTS A&C : B0 Chargeman	F2F (NR)	INSTEP*	Coming Soon	20,990	1	14	100				8/5 - 6/10								
4	OTS A&C : B4 Chargeman	F2F (NR)	INSTEP*	Coming Soon	22,830	1	10	100								10/10/2022 - 2/3/2023				
5	OTS A&C : Low Voltage Overhead Lines	F2F (NR)	INSTEP*	Coming Soon	4,690	4	20	10			13 - 24									
6	OTS A&C : High Voltage Overhead Lines	F2F (NR)	INSTEP*	Coming Soon	6,980	2	10	13						24/7 - 04/8						
7	OTS A&C : Low Voltage Generator And Synchronizing	F2F (NR)	INSTEP*	Coming Soon	5,430	N/A		10	Upon Request (Click to Enquire)											
8	OTS A&C : High Voltage Generator And Synchronizing	F2F (NR)	INSTEP*	Coming Soon	6,480	N/A		10												
9	OTS A&C : Refresher & Referral Examination	F2F (NR)	INSTEP*	Coming Soon	2,580	N/A		6												
10	OTS A&C : Referral Examination	F2F (NR)	INSTEP*	Coming Soon	510	N/A		1												

OTS A&C: Instrumentation

Programme Leader: M Faizzudin Ahmad Azhar +609 - 668 6120 +6014 512 8724 muhamadfaizzudin.ah@petronas.com.my		Prog. Type	Venue* (may be inclusive of Experiential Learning at UDTP)	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	OTS A&C : Certified Personnel for Metering Validation And Calibration Competency Programme	F2F (NR)	INSTEP*	Coming Soon	6,110	4	8	5							31/7-4/8		18-22			18-22
2	OTS A&C : Instrument Fitter	F2F (NR)	INSTEP*	Coming Soon	4,310	4	8	4											28/11-1/12	

OTS A&C: Health, Safety & Environment (HSE) – CePSWaM

Programme Leader: Siti Suhaili Bt Shuib +609-668 6150 +6013-5868208 sitisuhaili.shuib@petronas.com.my		Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
									Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	OTS A&C : Certified Environmental Professional in Scheduled Waste Management (CePSWaM)	F2F (NR)	INSTEP	Coming Soon	3,750	10	35	5			13-17				24-28				13-17	
2		F2F (NR)	Kuala Lumpur	Coming Soon	3,750	10	35	5	24-28	14-18	28-1		30/5-3/6	4-8	22-26	19-23	10-14	21-25	12-16	
3		F2F (NR)	Johor Bharu	Coming Soon	3,750	10	35	5		20-24			15-19			14-18		2-6		19-23
4		F2F (NR)	Kuantan	Coming Soon	3,750	10	35	5						27/6-1/7			17-21			
5		F2F (NR)	Penang	Coming Soon	3,750	10	35	5			7-11				18-22					5-9
6		F2F (NR)	Kota Kinabalu	Coming Soon	3,750	10	35	5			21-25					8-12				
7		F2F (NR)	Miri	Coming Soon	3,750	10	35	5						13-17			5-9			

OTS A&C: Health, Safety & Environment (HSE) – PCSB Permit to Work (PTW) Level 2

Programme Leader: Nurul Nadia Mohamad Sabry +609-669 6000 +019-522 6554 nurulnadia.mohamads@petronas.com		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
										Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	OTS A&C : PCSB Permit to Work (PTW) Level 2 - New Candidate	2	F2F (NR)	Kerteh	Yes	1,370	15	25	3	Upon Request (Click to Enquire)											
		2	F2F (NR)	KL	Yes	1,370	15	25	3												
		2	F2F (NR)	Miri	Yes	1,370	15	25	3												
2	OTS A&C :PCSB Permit to Work (PTW) Level 2 - New Candidate (VILT) UPDATED DATE	2	VILT	MS Teams	Yes	700	15	25	3	10-12 24-26	14-16	15-17 28-30	4-6 11-13 (2 sessions)	17-19 (2 sessions) 23-25	7-9 13-15 20-22 27-29	4-6 12-14 18-20 25-27	1-3 8-10 15-17 (2 sessions)	5-7 12-14 19-21 (2 sessions)	3-5 (2 sessions) 11-13 (2 sessions) 17-19	1-3 7-9 14-16 21-23 (2 sessions)	5-7 (2 sessions) 12-14 (2 sessions)

OTS A&C: Health, Safety & Environment (HSE) – PCSB Permit to Work (PTW) Level 2

Programme Leader: Nurul Nadia Mohamad Sabry +609-669 6000 +019-522 6554 nurulnadia.mohamads@petronas.com		Level	Prog. Type	Venue	HRD Corp Claimable	Course Fee (RM)	Min Pax	Max Pax	Duration (Days)	2022											
										Jan	Feb	Mac	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
3	OTS A&C : PCSB Permit to Work (PTW) Level 2 - Refresher	2	F2F (NR)	Kerteh	Yes	650	15	25	1	Upon Request (Click to Enquire)											
		2	F2F (NR)	KL	Yes	650	15	25	1												
		2	F2F (NR)	Miri	Yes	650	15	25	1												
4	OTS A&C : PCSB Permit to Work (PTW) Level 2 - Refresher (VILT) <div>UPDATED DATE</div>	2	VILT	MS Teams	Yes	423	10	20	1	10 (2 sessions) 11 (2 sessions) 24 25	14 (2 sessions) 15 (2 sessions)	2 3	4-6 11-13 (2 sessions)	17-19 (2 sessions) 23-25	7-9 13-15 20-22 27-29	4 (2 sessions) 5 (2 sessions) 8 (2 sessions) 6 (2 sessions) 9 (2 sessions) 18 (2 sessions) 15 (2 sessions) 19 (2 sessions) 25 (2 sessions) 26 (3 sessions) 23 (2 sessions)	1 (2 sessions) 2 (2 sessions) 12 (2 sessions) 9 (2 sessions) 13 (2 sessions) 17 (2 sessions) 19 (2 sessions) 20 (2 sessions) 26 (2 sessions) 27	5 (2 sessions) 6 (2 sessions) 12 (2 sessions) 13 (2 sessions) 17 (2 sessions) 18 (2 sessions) 20 (2 sessions) 26 (2 sessions)	3 (2 sessions) 4 (2 sessions) 12 (2 sessions) 13 (2 sessions) 17 (2 sessions) 18 (2 sessions) 26 (2 sessions)	1 (2 sessions) 2 (2 sessions) 7 (2 sessions) 8 (2 sessions) 14 (2 sessions) 15 (2 sessions) 21 (2 sessions) 22	5 (2 sessions) 6 (2 sessions) 12 (2 sessions) 13 (2 sessions) 19 (2 sessions) 20 (2 sessions)

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