

Learning Calendar 2022

Public Edition

Rev7 | September22

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

R : Residential

VILT : Virtual Instructor-Led Training



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Assessment & Certification (A&C)

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Clickable content for quick access to programme

UPDATED DATE

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								
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>✓ 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>✓ 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>✓ ASNT UTTM</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>✓ IECEx Unit Ex001 Competency Training Programme</div> <div>✓ A0 Chargeman</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>✓ Certified Personnel for Metering Validation & Calibration Competency Programme</div> <div>✓ Instrument Filter</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 	

Course Progression Map : Technician

Legend:

★ ★ Programme is available upon request

 Professional Development Programme (PDP)

 Assessment & Certification Programme (A&C)

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
					<div>✓ ASNT UTM</div>		<div>✓ AO Chargeman</div> <div>✓ IECEx Unit Ex001 Competency Training Programme</div>	<div>✓ Instrument Fitter</div>
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
		<div>✓ Advanced Piggng Operation Certification Scheme (APOCS)</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>	<div>✓ Certified Personnel for Metering Validation & Calibration Competency Programme</div>
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 	<div>✓ Pump Troubleshooting</div>			<ul style="list-style-type: none"> ✓ HV System Switching 	<ul style="list-style-type: none"> ✓ P&ID Tuning
		<div>✓ Upstream Panel Operator Certification Programme (UPOCP)</div> <div>✓ Advanced Piggng Operation Certification Scheme (APOCS)</div>					<div>✓ B4 Chargeman</div> <div>✓ High Voltage Overhead Lines</div> <div>✓ High Voltage Generator and Synchronising</div>	

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
	<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 	

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 Piggig Operation Certification Scheme (APOCS)																						
1	OTS A&C : Advanced Piggig 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

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes
- [Neither PETRONAS nor INSTEP has authorised any agency appointment for INSTEP training enrolment](#)

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

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes
- [Neither PETRONAS nor INSTEP has authorised any agency appointment for INSTEP training enrolment](#)

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*	Yes	3,710	5	10	1.5		17-18						2-3				
5	OTS A&C : Non Destructive Testing	F2F (NR)	KL / INSTEP*	Yes	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*	Yes	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*	Yes	5,290	5	10	2			17-18					11-12				
11	OTS A&C : Welding Technology	F2F (NR)	KL / INSTEP*	Yes	4,470	5	10	2								23-24		13-14		

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes
- [Neither PETRONAS nor INSTEP has authorised any agency appointment for INSTEP training enrolment](#)

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	Yes	1,800	2	16	3			29 - 31			28-30						
2	OTS A&C : IECEX Unit Ex001 Competency Training Programme & Assessment **	F2F (NR)	KL	Yes	4,950	3	10	2								29- 30			29-30	
3	OTS A&C : IECEX Unit Ex001 & Ex003 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	8,430	3	11	4										10-13		
4	OTS A&C : IECEX Unit Ex001, Ex003, Ex007 & Ex008 Competency Training Programme & Assessment **	F2F (NR)	INSTEP*	Yes	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*	Yes	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												

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes
- [Neither PETRONAS nor INSTEP has authorised any agency appointment for INSTEP training enrolment](#)

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	

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes
- [Neither PETRONAS nor INSTEP has authorised any agency appointment for INSTEP training enrolment](#)

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			

- Course fee stated above EXCLUDES tax
- HRD Corp Claimable for selected INSTEP programmes
- [Neither PETRONAS nor INSTEP has authorised any agency appointment for INSTEP training enrolment](#)

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 UPDATED DATE	2	F2F (NR)	Kerteh	Yes	1,370	15	25	3				20-22	15-17 29-31	12-14 26-28	3-5 17-19	1-3 14-16	11-13 18-20 25-27	2-4 11-13 25-27	1-3 6-8 20-22	4-6 11-13 18-20
		2	F2F (NR)	KL	Yes	1,370	15	25	3					17-19	13-15	18-20	1-3	12-14 19-21 26-28	3-5 11-13	1-3 7-9	5-7 19-21
		2	F2F (NR)	Miri	Yes	1,370	15	25	3				20-22	29-31	13-15 27-29	18-20	1-3 15-17	12-14, 19-21, 26-28	3-5, 11-13, 25-27	1-3, 7-9, 21-23	5-7 12-14 19-21
		2	F2F (NR)	Kota Kinabalu	Yes	1,370	15	25	3										3-5	7-9	5-7
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 23-25	7-9 20-22	4-6 25-27	8-10 22-24	5-7 19-21	17-19	14-16	

Note:

1. PCSB Permit to Work (PTW) Level 2 above will be delivered via Face-to-Face (F2F) or Virtual Instructor-Led Training (VILT) mode.
2. PTW candidates are encouraged to enrol for F2F mode as its passing rate is higher than VILT mode.
3. No refresher session is scheduled starting September 2022

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