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2023



# MISR TRAINING CENTER TRAINING PLAN



00201009060539



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Course	Course Title	Duration	January	February	March	April	May	June	July	August	September	October	November	December
1	Well Control International Certificates													
WC01	IWCF Well Control for Surface BOP Stack	5 Days	1-5,15-19	2-6,16-20,19-23	5-9,19-23	2-6,16-20	07-11,21-25	4-8,18-22	2-6,16-20	13-17,27-31	3-7,17-21	1-5,15-19	5-9,19-23	10-14,24-28
WC02	IWCF Well Intervention	5 Days	1-5,15-19		5-9,19-23		07-11,21-25		2-6,16-20		3-7,17-21		5-9,19-23	
WC03	IADC Well Sharp	5 Days	8-12,22-26	5-9,12-16	12-16,26-30	2-6,16-20	14-18,28-1	11-15,24-28	9-13,23-27	6-10,20-24	10-14,24-28	8-12,22-26	12-16,26-30	3-7,17-21
WC04	IADC Well Services	5 Days		5-9		9-13.		18-22		27-31.		15-19		10-14.
WC05	BOP Stack and Well Control	5 Days	1-5,22-26		26-30		14-18		9-13.		17-21		12-16.	
WC06	Rig Math & Well Control	5 Days	8-12			2-6.		11-15.	16-20.			8-12.		3-7.
2	Drilling Courses													
DR01	Drilling Principles & Practices	5 Days	2-6.		12-16.		7-11.		2-6.		10-14.		19-23.	
DR02	Directional Drilling Technology	3 Days		26-28.		25-27		25-27.		1-3.		3-5.		3-5.
DR03	Rig Calculations and Kill sheets	3 Days	8-12.		25-27	25-27		4-6.		20-22.		10-12.		
DR04	Stuck Pipe & Fishing Operation	3 Days	22-24		18-20.		1-3.		29-31.		5-7.		4-6.	10-12.
DR05	Advanced Well Control	5 Days		19-23		2-6.		4-8.		13-17.		8-12.		17-21
DR06	Bit , Casing & Well Design	5 Days			19-23			18-22			17-21			24-28
DR07	Cementing Technology	3 Days	10-12.			25-27		11-13.		13-15.			19-21.	
DR08	Basic Drilling Fluids	3 Days		5-7.			28-30.		22-24.			17-19		12-14.
DR09	Basic Completion Program	3 Days		12-14.		25-27			16-18.		12-14.			19-21
DR10	Wireline & Formation Evaluation	3 Days			5-7.			24-26.		27-29.			12-14.	
DR11	Introduction Well Control	3 Days	8-10.		19-21.		1-3.		9-11.		19-21			26-28
DR12	Well Engineering	3 Days		21-23		18-20.		18-20.		1-3.		24-26		
DR13	Basic Drilling Technology	3 Days	3-5.		13-15.		28-30		2-4.		26-28		26-28.	
DR14	Basic Rig Components	3 Days		19-21.		15-17.		13-15.		15-17.		3-5.		5-7.
DR15	Mud Engineer	3 Days	10-12.			25-17.		20-22			5-7.		5-7.	
DR16	Drilling Operations	3 Days		26-28			1-3.		23-25.			10-12.		12-14.
DR17	Practical Well Control	5 Days			12-16.			18-22.			27-28			19-21
DR18	Advanced Drilling Operations	3 Days		5-7.			28-30.			29-31.			12-14.	
DR19	Well Completion and Workover	5 Days		19-23			14-18			6-10.			12-16.	
DR20	Drill Bit Technology	5 Days			26-30			11-15.			3-7.			17-21
3	HSE Courses													
HSE01	IADC HSE RIG PASS (International)	5 Days	1-5.		5-9.		21-25		9-13.		10-14.		5-9.	
HSE02	Advanced Fire Fighting	2 Days		27-28		29-30		11-12.		30-31.		3-4.		5-6.
HSE03	Combined Fire Fighting & First Aid	3 Days	10-12.		13-15.		1-3.		29-31		5-7.		26-28.	
HSE04	Fire Extinguishers Theoretical & Practical	1 Day		28		30		25		1		5		7
HSE05	H2S	1 Day	15		20		31		31		6		1	
HSE06	Basic First Aid	1 Day		26		12		14		2		10		12
HSE07	Advanced First Aid	2 Days	17-18.		14-15.		30-31.		15-16.		12-13.		15-16.	
HSE08	First Aid for H2S	2 Days			21-22		1-2.			15-16			22-23.	
HSE09	Basic Risk Assessment&Risk Management	2 Days		21-22.			27-28.			22-23				12-13.
HSE10	Accident Investigation & Risk Management	2 Days			7-8.			14-15			19-20			19-20
HSE11	Accident Incident Investigation Report	1 Day		28			31			3			2	
HSE12	Occupational Health & Safety	1 Day	25			13			18			11		
HSE13	Defensive Driving	2 Days		15-16			13-14		25-26		26-27		8-9.	
HSE14	Safe Lifting Operations (Sling & Rigging)	1 Day			15			20			7			13
HSE15	Safety & Construction Sites	1 Day		20		18			27			12		14
HSE16	OSHA Scaffolding	3 Days			7-9.		9-11.			22-24			21-23	
HSE17	OSHA General Industry	5 Days	14-18.		13-17		21-25.		16-20.		3-7.		5-9.	
HSE18	OSHA Construction Industry	5 Days		19-23		2-6.		18-22		6-10.		8-12.		17-21
HSE19	Platinum OSHA	6 Days			11-16.			17-22.			16-21.			16-21
HSE20	Forklift Truck Operations	1 Day		15		19			16			17		
HSE21	Oil Spill Control	1 Day			22		15			8			28	
HSE22	Ergonomics	1 Day				20					5			19
HSE23	Welding Safety	1 Day			23				12				29	
HSE24	Safe Working Procedures	1 Day				20								
HSE25	H2S & Breathing Apparatus	1 Day		22			6			31			1	
HSE26	Permit to Work	1 Day			19				30			30		
HSE27	Abbrasive Wheels	1 Day				5				10				5
HSE28	Noise at Work	1 Day		28				6				4		
HSE29	Offshore Safety	3 Days			7-9.			6-8.			5-7.			12-14.
HSE30	HAZMAT	1 Day				4				1			2	
HSE31	HSE Induction	2 Days	3-4.				1-2.		4-5.			3-4.		19-20
HSE32	Safety on the Rig	1 Day		14		5		7			12		7	
HSE33	HSE Induction for the Rig	1 Day		8			31			2			8	
HSE34	Confined Space	1 Day	5	5	14	6	22	8	6	3	13	5	9	6
HSE35	Safe Handling of chemicals & TTT	5 days		12-16.		2-6.		11-15.		13-17.		8-12.		10-14.
HSE36	Isolation / LOTO / HARC	2 days	10-11.		15-16		16-17.		11-12.		12-13.		14-15	

HSE37	Working at Heights L.2 / Man Riding	2 Days		14-15		29-30		20-21		15-16		17-18		26-27
HSE38	Observation Intervention	1 day	10		21		30		13		14		14	
HSE39	Gas Test	1 Day		22		11		13		8		11		7
HSE40	Process Safety Management L. 1	2 Days	17-18		22-23		3-4.		18-19		19-20		21-22	
HSE41	Process Safety Management L.2	3 Days		21-23		18-20		13-15.		22-23		24-25		19-21
HSE42	أمن المنشآت	3 Days			14-16			20-22				26-27		26-28
HSE43	تنمية مهارات مشرفي السلامة والصحة المهنية	2 Days	24-25			25-26			25-26			11-12,		
4	Mechanical Courses													
ME01	Multi-Stage Pumps	5 Days	8-12.		12-16.		7-11.		2-6.		3-7.		5-9.	
ME02	Gas Turbine Theory for Technicians	5 Days		5-9.		9-13.				27-31.		1-5.		3-7.
ME03	Fluid Power Technology	5 Days			5-9.			18-22.				8-12.		
ME04	Vibration Analysis	5 Days		12-16.			14-18.			20-24.			12-16.	
ME05	Techincal Report Writing	5 Days			26-30									
ME06	Mechanical Sealing	5 Days	22-26			2-6.			9-13.			15-19.		
ME07	Lubrication and greasing	5 Days			12-16.			24-28.			10-14.			10-14.
ME08	Mechanical Maintenance of Boilers	5 Days		19-23			21-25.			13-17.			19-23.	
ME09	Boiler Water Treatment	5 Days				16-20			16-20.					17-21.
ME10	Fasteners	5 Days		5-9.				11-15.				22-26.		
ME11	Failure Analysis	5 Days	1-5.			9-13.				6-10.				24-28
ME12	Maintenance management	5 Days			5-9.			4-8.			17-21.			
ME13	Total Productive maintenance (TPM)	5 Days		12-16.			28-1.			13-17.			5-9.	
ME14	Reliability centered maintenance ( RCM )	5 Days			26-30.				23-27.			1-5.		
ME15	Valves Technology	5 Days				2-6.				20-24.				3-7.
ME16	Pipeline Engineering	5 Days	8-12.				7-11.				24-28			10-14.
ME17	Mechanical Measurements	5 Days		19-23				11-15.				8-12.		
ME18	Mechanical Basics	5 Days			12-16.				2-6.				26-30	
ME19	Pumps Technology & Testing	5 Days		5-9.				18-22.				15-19.		
ME20	Welding Technology	5 Days			5-9.				9-13.				5-9.	
ME21	Boiler & Burner Maintenance	5 Days	22-26.				14-18.				3-7.			
ME22	Corrosion Engineering	5 Days			12-16.				16-20.					17-21
ME23	Basic Hydraulics	5 Days				16-20				27-31			12-16.	
ME24	Advanced Hydraulics	5 Days		12-16.				4-8.				22-26.		
ME25	Gear Boxes	5 Days			19-23				23-27.				19-23	
ME26	Filter & Filtration	5 Days				9-13.				6-10.				25-28
ME27	Inspection of CO2 Welding	5 Days		5-9.				11-15.				1-5.		
ME28	High Pressure Welding according to ASME IX	5 Days			26-30				2-6.				26-30	
ME29	تصميم وصيانة دوائر التحكم النيوماتيكي	5 Days		19-23			15-19				10-14.			4-8,
ME30	الرسم الهندسي للفنيين	5 Days			5-9.			18-22.				8-12.		
ME31	تشغيل وصيانة المضخات	5 Days	1-5.			2-6.			9-13.				5-9.	
ME32	تشغيل وصيانة محركات الديزل	5 Days					14-18.			13-17				10-14.
5	Electrical Courses													
EL01	Electrical Engineering	5 Days		12-16.				11-15.				1-5.		
EL02	LV & HV Switchgears	5 Days					7-11.							
EL03	Power System Protection	5 Days			12-16.				16-20.				12-16.	
EL04	Circuit Breaker and Switchgears	5 Days	2-6.				14-18.				17-21.			17-21
EL05	Basics of Electrical Engineering	5 Days			26-30					20-24				
EL06	AC Electrical Drives	5 Days				9-13.			23-27				19-23	
EL07	Basic Electricity in Industry	5 Days		19-23				24-28.				8-12.		
EL08	Modern Control Technology	5 Days	15-19.			2-6.			2-6.				26-30	
EL09	AC DC Electrical Drives	5 Days		5-9.			21-25.				10-14.			
EL10	Electrical Installations in the Oil Industry	5 Days				16-20				27-31				24-28
EL11	Power Distribution	5 Days			5-9.			4-8.				15-19.		
EL12	Fundamentals of Electrical Equipment	5 Days		19-23			28-1.				24-28.			3-7.
EL13	Electric Installation in the Oil Industry	5 Days				2-6.				6-10.			26-30	
EL14	Digital Transmission	5 Days			12-16.				9-13.					10-14.
EL15	Basic Electricity	5 Days		5-9.				18-22.				22-26.		
EL16	Microwave Transmission	5 Days				16-20.				13-17				17-21
EL17	Electrical Installation in Hazardous Areas	5 Days			19-23.				16-20.				5-9.	
EL18	Fundamentals of Electric Motor Design	5 Days	22-26.				7-11.				3-7.			
EL19	Power Protection Systems	5 Days			5-9.				23-27.				12-16.	
EL20	أساسيات الكهرباء	5 Days			26-30.		4-8.				10-14.			
EL21	التركيبات الكهربائية وأبراج الضغط العالي	5 Days	1-5.			9-13.				20-24				24-28
EL22	دوائر التحكم الكهربائي	5 Days			19-23				2-6.			1-5.		
6	Production Courses													
PR01	Modern Methods of Heavy Oil Production	5 Days		19-23.				18-22.			10-147.			3-7.
PR02	Production Technology	5 Days			5-9.				9-13.				19-23	

PR03	Well Planning & Engineering	5 Days	8-12.				14-18.			27-31				
PR04	Well Service Engineering & Operations	5 Days				2-6.			16-20.			8-12.		
PR05	Artificial Lift Systems	5 Days		5-9.					11-15.			17-21.		10-14.
PR06	Gas Lift & Gas Pumping	5 Days			12-16.				23-27.				26-30	
PR07	Beam Pumps	5 Days				9-13.				6-10.				17-21
PR08	Electrical Submersible Pumps	5 Days		12-16.			21-25.					24-28.		
PR09	New Oil From Oil Fields	5 Days			26-30			4-8.				15-19.		
PR10	Natural Gas Production Technology	5 Days				16-20.				13-17				24-28
PR11	Gas Processing Operations	5 Days		5-9.				18-22.				22-26.		
PR12	Process Operations Troubleshooting	5 Days			5-9.				2-6.				5-9.	
PR13	Surface Development & Operations	5 Days	22-26.				28-1.				3-7.			
PR14	Surface Production Facilities	5 Days				2-6.				20-24				3-7.
PR15	Production Problem Solving	5 Days			19-23				9-13.				12-16.	
PR16	Plant Shutdown Systems	5 Days		19-23			7-11.				10-14.			
PR17	Offshore Operation	5 Days			26-30				16-20.				19-23	
PR18	Surface Production Operations	5 Days	15-19.			9-13.				6-10.				10-14.
PR19	Safety Practices in Wireline	5 Days		12-16.				24-28.				1-5.		
PR20	Process Operation Plant & Troubleshooting	5 Days			5-9.				23-27.				26-30	
PR21	Advance Operation Skills	5 Days		12-16.			14-18.			13-17.				17-21
PR22	Simulation	5 Days				16-20					24-28.			
PR23	Distillation	5 Days			26-30					20-24				24-28
7	Reservoir Courses													
RE01	Reserves Estimation	5 Days			12-16.				2-6.				5-9.	
RE02	Advanced Reservoir Engineering	5 Days		5-9.				11-15.				8-12.		
RE03	Well Test Design & Analysis	5 Days			26-30				9-13.				12-16.	
RE04	Advanced Coring & Core Analysis	5 Days		12-16.			21-25.			6-10.				3-7.
RE05	Miscible Gas Injection	5 Days	1-5.			2-6.					3-7.			
RE06	Reservoir Simulation	5 Days		19-23.			28-1.			13-17			19-23	
RE07	Advanced Gas Reservoir Engineering	5 Days			5-9.			18-22.				15-19.		
RE08	Cased Hole Drill Stem Testing	5 Days		5-9.			7-11.			20-24			26-30.	
RE09	Basic Reservoir Engineering	5 Days	8-12.			9-13.	14-18.		16-20.			22-26		
RE10	Reservoir Management	5 Days			26-30			4-8.			17-21			10-14.
8	Instrumentation Courses													
IN01	PLC I (Basic)	5 Days			19-23			11-15.			10-14.			17-21
IN02	PLC II (Advanced)	5 Days		12-16.					23-27.			1-5.		
IN03	Instrumentation and Control Systems	5 Days	15-19.			16-20.				6-10.			5-9.	
IN04	DCS	5 Days			19-23			24-28.				8-12.		
IN05	Pneumatic Control	5 Days		19-23			21-25.			13-17			12-16.	
IN06	Process Control for Engineers	5 Days				2-6.			2-6.		24-28			24-28
IN07	Basic Instrumentation	5 Days	1-5.				28-1.			20-24			19-23	
IN08	SCADA Systems	5 Days		5-9.				11-15.			3-7.			3-7.
IN09	Instrumentation for Operators	5 Days			5-9.				9-13.			15-19.		
IN10	Calibration Systems	5 Days				16-20.				27-31				10-14.
9	Exploration & Geology Courses													
EXG01	Petrel (all versions) 3D static modeling (basic)	5 Days							16-20.					
EXG02	Petrel 3D static modeling (advanced)	5 Days								13-17				
EXG03	Seismic attributes analysis	3 Days				16-18.					5-7.			
EXG04	Post and Pre-stack seismic inversion	5 Days										1-5.		
EXG05	Advanced seismic data interpretation	5 Days											5-9.	
EXG06	Geophysics for non geophysicists	5 Days												17-21.
EXG07	Petrel 3D structure modeling	3 Days		7-9.										
EXG08	AVO/AVA analysis using 2D and 3D seismic data	5 Days			12-16.									
EXG09	Fault seal analysis	3 Days	24-26				28-30.							
EXG10	3D fracture modeling using Petrel	5 Days						4-8.						
10	Management Courses													
MA01	Leadership Diploma.	5 Days	15-19.					18-22.					12-16.	
MA02	Train the Trainer (TOT)	5 Days		19-23.					23-27.					24-28
MA03	Effective team work course.	5 Days			13-17					20-24				
MA04	Human Resource Management	5 Days				2-6.					10-14.			
MA05	Presentation Skills	5 Days				9-13.					17-21.			
MA06	Project Management Professional (PMP)	5 Days					7-11.					8-12.		
11	Logistics Courses													
IN01	Rig Equipment Inspection	5 days		19-23				18-22.				15-19.		
IN02	Maintenance & Inspection of Static Equipment	4 weeks			6-31.				2-27.				5-30.	
IN03	Inspection, Evaluation and Repair of Process Plant Equipment and Connected Piping	2 weeks				2-13.				6-10.				3-14.
12	Logistics Courses													

LO01	Logistics and supply chain management	4 weeks		1-28.				4-28.				1-26.	
LO02	Supply Chain Logistics	1 day	29			30				1			1
LO03	Supply Chain Operations	2 days	30-31.			26-27				2-3.			7-8.
LO04	Supply Chain Planning	2 days	22-23			9-10.				9-10.			14-15.
LO05	Supply Chain Sourcing	2 days	16-17.			16-17.				16-17			21-22.
LO06	Supply Chain Management Strategy	2 days	9-10.			17-18				23-24			28-29
LO07	Blockchain and Cryptocurrency Explained	1 day	31			30				31			30
13	<b>Computer &amp; IT Courses</b>												
IT01	Object Oriented Programming Using C++	2 days	17-18.					24-25.					
IT02	Advanced C++	4 days		25-28					16-19.				
IT03	.NET Framework 3.0	1 day			8					10			
IT04	Access 2010 Advanced	2 days				29-30					13-14		
IT05	Access 2010 Core	3 days					1-3.					10-12.	
IT06	Αποδοτική Ανάπτυξη Applications Development Diploma	2 weeks						4-22.					12-23.
IT07	Autodesk Revit Architecture 2020 Fundamentals	5 days	22-26.						23-27				10-14.
IT08	ICDL	5 days		12-16.						20-24			
IT09	Autodesk 3ds Max 2019 - Basic level	5 days			20-24						17-21.		
IT10	Autodesk 3ds Max 2019 - Advanced level	2 weeks				2-13.						15-26.	
14	<b>English Courses</b>												
EN01	General English - Level 01	3 days	29-31.									29-31.	
EN02	General English - Level 02	3 days		12-14.									26-28
EN03	General English - Level 03	3 days			7-9.								5-7.
EN04	General English - Level 04	3 days				25-27							
EN05	General English - Level 05	3 days					14-16.						
EN06	General English - Level 06	3 days						17-19.					
EN07	General English - Level 07	3 days							29-31.				
EN08	General English - Level 08	3 days								1-3.			
EN09	General English - Level 09	3 days									5-7.		
EN10	Conversational English - Level 01	4 days	28-31.									28-31.	
EN11	Conversational English - Level 02	4 days		25-28.									19-22
EN12	Conversational English - Level 03	4 days			13-16								10-13.
EN13	Conversational English - Level 04	4 days				8-11.							
EN14	Conversational English - Level 05	4 days					28-31.						
EN15	Conversational English - Level 06	4 days						10-14.					
EN16	Conversational English - Level 07	4 days							9-12.				
EN17	Conversational English - Level 08	4 days								6-9.			
EN18	Conversational English - Level 09	4 days									10-13.		
EN19	TOEFL Preparation	2 weeks			6-17.			17-28.				1-12.	