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2022



MISR TRAINING CENTER TRAINING PLAN



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Course Code	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	2-6,16-20	31/1-4/2, 14-18	30/1-3/2, 13-17	3-7, 17-21	1-5,15-19	5-9,19-23	3-7,17-21	31/7-4/8, 14-18	4-8,18-22	2-6,16-20	6-10,20-24	4-8,18-22
WC02	IWCF Well Intervention	5 Days	2-6,16-20		13-17, 27-31		1-5,15-19		3-7,17-21		4-8,18-22		6-10,20-24	
WC03	IADC Well Sharp	5 Days	9-13,23-27	7-11, 21-25	6-10, 20-24	10-14,24-28	8-12,22-26	12-16,26-30	10-14,24-28	7-11, 21-25	11-15,25-29	9-13,23-27	13-17,27-1/12	11-15,25-29
WC04	IADC Well Services	5 Days		21-25		24-28		26-30		14-18		16-20		18-22
WC05	BOP Stack and Well Control	5 Days	9-13,		20-24		22-26		24-28		25-19		20-24	
WC06	Rig Math & Well Control	5 Days	23-27			10-14,		5-9,	17-21			2-6,		4-8,
2	Drilling Courses													
DR01	Drilling Principles & Practices	5 Days	2-6,		6-10,		1-5,		3-7,		4-8,		6-10,	
DR02	Directional Drilling Technology	3 Days		7-9,		4-6,		6-8,		8-10,		3-5,		5-7,
DR03	Rig Calculations and Kill sheets	3 Days	3-5,		7-9,	11-13,		13-15		15-17		10-12,		
DR04	Stuck Pipe & Fishing Operation	3 Days	10-12,		14-16		2-4,		4-6,		5-7,		7-9,	12-14,
DR05	Advanced Well Control	5 Days		14-16		3-7,		5-9,		7-11,		9-13,		4-8,
DR06	Bit , Casing & Well Design	5 Days			13-17			12-16,			11-15,			11-15,
DR07	Cementing Technology	3 Days	17-19			18-20		20-22		22-24			14-16,	
DR08	Basic Drilling Fluids	3 Days		21-23			9-11,		11-13,			17-19		12-14,
DR09	Basic Completion Program	3 Days		7-9,		25-27			18-20		12-14,			19-21
DR10	Wireline & Formation Evaluation	3 Days			21-23			27-29		29-31			21-23	
DR11	Introduction Well Control	3 Days	24-26		28-30		16-18		25-27		19-21			26-28
DR12	Well Engineering	3 Days		14-16		4-6,		6-8,		8-10,		24-26		
DR13	Basic Drilling Technology	3 Days	3-5,		7-9,		23-25		4-6,		26-28		28-30	
DR14	Basic Rig Components	3 Days		21-23		11-13,		13-15,		15-17		3-5,		5-7,
DR15	Mud Engineer	3 Days	10-12,			18-20		20-22			5-7,		7-9,	
DR16	Drilling Operations	3 Days		7-9,			2-4,		11-13,			10-12,		12-14,
DR17	Practical Well Control	5 Days			20-24			19-23			18-22			19-21
DR18	Advanced Drilling Operations	3 Days		14-16			9-11,			22-24			14-16	
DR19	Well Completion and Workover	5 Days		6-10,			8-12,			14-18			13-17	
DR20	Drill Bit Technology	5 Days			27-30			12-16,			25-29			18-22
3	HSE Courses													
HSE01	IADC HSE RIG PASS (International)	5 Days	4-6,		7-11,		2-6,		4-8,		5-9,		1-5,	
HSE02	Advanced Fire Fighting	2 Days		7-8,		4-5,		6-7,		8-9,		3-4,		5-6,
HSE03	Combined Fire Fighting & First Aid	3 Days	3-5,		7-9,		2-4,		4-6,		5-7,		7-9,	
HSE04	Fire Extinguishers Theoretical & Practical	1 Day		14		11		8		1		5		7
HSE05	H2S	1 Day	11		8		9		11		6		1	
HSE06	Basic First Aid	1 Day		21		12		13		2		10		12
HSE07	Advanced First Aid	2 Days	10-11,		14-15,		10-11,		12-13,		12-13,		16-17	
HSE08	First Aid for H2S	2 Days			21-22		17-18			15-16			23-24	
HSE09	Basic Risk Assessment&Risk Management	2 Days		15-16			24-25			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		22			26			3			2	
HSE12	Occupational Health & Safety	1 Day	18			13			18			11		
HSE13	Defensive Driving	2 Days		22-23			10-11,		25-26		26-27		8-9,	
HSE14	Safe Lifting Operations (Sling & Rigging)	1 Day			15			20			7			13
HSE15	Safety & Construction Sites	1 Day		24		18			27			12		14
HSE16	OSHA Scaffolding	3 Days			7-9,		25-27			22-24			21-23	
HSE17	OSHA General Industry	5 Days	9-13,		13-17		10-14,		17-21		4-8,		6-10,	
HSE18	OSHA Construction Industry	5 Days		6-10,		3-7,		12-16,		7-11,		9-13,		18-22
HSE19	Platinum OSHA	6 Days			5-10,			4-9,			10-15,			17-22
HSE20	Forklift Truck Operations	1 Day		15		19			26			17		
HSE21	Oil Spill Control	1 Day			22		7			8			28	
HSE22	Ergonomics	1 Day				20					5			19
HSE23	Welding Safety	1 Day			23				12				29	
HSE24	Safe Working Procedures	1 Day				21								
HSE25	H2S & Breathing Apparatus	1 Day		24			2			31			1	
HSE26	Permit to Work	1 Day			17				7			27		
HSE27	Abbrasive Wheels	1 Day				7				10				5
HSE28	Noise at Work	1 Day		1				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,				2-3,		4-5,			3-4,		19-20
HSE32	Safety on the Rig	1 Day		2		5		7			12		7	
HSE33	HSE Induction for the Rig	1 Day		28			3			2			8	
HSE34	Confined Space	1 Day	5	7	14	6	4	8	6	3	13	5	9	6
HSE35	Safe Handling of chemicals & TTT	5 days		6-10,		3-7,		12-16,		7-11,		9-13,		11-15,
HSE36	Isolation / LOTO / HARC	2 days	10-11,		15-16		9-10,		11-12,		12-13,		14-15	
HSE37	Working at Heights L.2 / Man Riding	2 Days		14-15		11-12,		20-21		15-16		17-18		26-27
HSE38	Observation Intervention	1 day	10		21		10		13		14		14	
HSE39	Gas Test	1 Day		14		11		13		8		11		7
HSE40	Process Safety Management L. 1	2 Days	17-18		22-23		16-17		18-19		19-20		21-22	
HSE41	Process Safety Management L.2	3 Days		21-23		18-20		14-16,		22-23		24-25		19-21
HSE42	أمن المنشآت	3 Days			14-16			21-23			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	2-6,		6-10,		1-5,		3-7,		4-8,		6-10,	
ME02	Gas Turbine Theory for Technicians	5 Days		6-10,		3-7,				7-11,		2-6,		4-8,
ME03	Fluid Power Technology	5 Days			13-17			5-9,				9-13,		
ME04	Vibration Analysis	5 Days		13-17,			8-12,			14-18,			13-17	
ME05	Techincal Report Writing	5 Days			20-24									
ME06	Mechanical Sealing	5 Days	9-13,			10-14,			10-14,			16-20		
ME07	Lubrication and greasing	5 Days			27-31			12-16,			11-15,			11-15,
ME08	Mechanical Maintenance of Boilers	5 Days		20-24			15-19			21-25			20-24	
ME09	Boiler Water Treatment	5 Days				17-21			17-21,					18-22
ME10	Fasteners	5 Days		6-10,				19-23				23-27		
ME11	Failure Analysis	5 Days	16-20,			24-28				7-11,				25-29
ME12	Maintenance management	5 Days			6-10,			26-30			18-22			
ME13	Total Productive maintenance (TPM)	5 Days		13-17			22-26			14-18			6-10,	
ME14	Reliability centered maintenance (RCM)	5 Days			13-17				24-28			2-6,		
ME15	Valves Technology	5 Days				3-7,				21-25				4-8,
ME16	Pipeline Engineering	5 Days	23-27				1-5,				25-29			11-15,
ME17	Mechanical Measurements	5 Days		20-24				5-9,				9-13,		
ME18	Mechanical Basics	5 Days			20-24				3-7,				13-17	
ME19	Pumps Technology & Testing	5 Days		6-10,				12-16,				16-20		
ME20	Welding Technology	5 Days			6-10,				10-14,				20-24	
ME21	Boiler & Burner Maintenance	5 Days	2-6,				8-12,				4-8,			
ME22	Corrosion Engineering	5 Days			13-17				17-21					18-22
ME23	Basic Hydraulics	5 Days				10-14,				7-11,			6-10,	
ME24	Advanced Hydraulics	5 Days		13-17				19-23				23-27		
ME25	Gear Boxes	5 Days			20-24				24-28				13-17	
ME26	Filter & Filtration	5 Days				17-21				14-18				25-29
ME27	Inspection of CO2 Welding	5 Days		20-24				26-30				2-6,		
ME28	High Pressure Welding according to ASME IX	5 Days			6-10,				3-7,				20-24	
ME29	تصميم وصيانة دوائر التحكم النيوماتيكي	5 Days		6-10,			15-19				11-15,			4-8,
ME30	الرسم الهندسي للفنيين	5 Days			13-17			5-9,				9-13,		
ME31	تشغيل وصيانة المضخات	5 Days	9-13,			24-28			10-14,				6-10,	
ME32	تشغيل وصيانة محركات الديزل	5 Days					22-26			21-25				11-15,
5	Electrical Courses													
EL01	Electrical Engineering	5 Days		6-10,				5-9,				2-6,		
EL02	LV & HV Switchgears	5 Days					1-5,							
EL03	Power System Protection	5 Days			6-10,				3-7,				13-17	
EL04	Circuit Breaker and Switchgears	5 Days	2-6,				8-12,				4-8,			18-22
EL05	Basics of Electrical Engineering	5 Days			13-17					7-11,				
EL06	AC Electrical Drives	5 Days				3-7,			10-14,				20-24	
EL07	Basic Electricity in Industry	5 Days		13-17				12-16,				9-13,		
EL08	Modern Control Technology	5 Days	9-13,			10-14,			17-21,				6-10,	
EL09	AC DC Electrical Drives	5 Days		20-24			15-19				11-15,			
EL10	Electrical Installations in the Oil Industry	5 Days				17-21				14-18				25-29
EL11	Power Distribution	5 Days			20-24			19-23				16-20		

EL12	Fundamentals of Electrical Equipment	5 Days		6-10,			22-26			18-22			4-8,
EL13	Electric Installation in the Oil Industry	5 Days				24-28				21-25			13-17
EL14	Digital Transmission	5 Days		6-10,					24-28				11-15,
EL15	Basic Electricity	5 Days		13-17			26-30				23-27		
EL16	Microwave Transmission	5 Days				3-7,				7-11,			18-22
EL17	Electrical Installation in Hazardous Areas	5 Days			13-17,				3-7,				20-24
EL18	Fundamentals of Electric Motor Design	5 Days	16-20				1-5,				25-29		
EL19	Power Protection Systems	5 Days			20-24				10-14,				6-10,
EL20	أساسيات الكهرباء	5 Days			27-31			5-9,			4-8,		
EL21	التركيبات الكهربائية وأبراج الضغط العالي	5 Days	23-27			10-14,				14-18			25-29
EL22	دوائر التحكم الكهربائي	5 Days			6-10,					17-21		2-6,	
6	Production Courses												
PR01	Modern Methods of Heavy Oil Production	5 Days		6-10,				12-16,			11-15,		4-8,
PR02	Production Technology	5 Days			13-17				24-28				13-17
PR03	Well Planning & Engineering	5 Days	2-6,				8-12,			21-25			
PR04	Well Service Engineering & Operations	5 Days				3-7,			3-7,			9-13,	
PR05	Artificial Lift Systems	5 Days		13-17				19-23			18-22		11-15,
PR06	Gas Lift & Gas Pumping	5 Days			20-24				10-14,				20-24
PR07	Beam Pumps	5 Days				10-14,				7-11,			18-22
PR08	Electrical Submersible Pumps	5 Days		20-24			15-19				25-29		
PR09	New Oil From Oil Fields	5 Days			27-31			26-30				16-20,	
PR10	Natural Gas Production Technology	5 Days				17-21				14-18			25-29
PR11	Gas Processing Operations	5 Days		6-10,				5-9,				23-27	
PR12	Process Operations Troubleshooting	5 Days			6-10,				17-21				6-10,
PR13	Surface Development & Operations	5 Days	9-13,				22-26				4-8,		
PR14	Surface Production Facilities	5 Days				24-28				21-25			4-8,
PR15	Production Problem Solving	5 Days			13-17				24-28				13-17,
PR16	Plant Shutdown Systems	5 Days		13-17			1-5,				11-15,		
PR17	Offshore Operation	5 Days			20-24				3-7,				20-24
PR18	Surface Production Operations	5 Days	16-20			3-7,				7-11,			11-15,
PR19	Safety Practices in Wireline	5 Days		20-24				12-16,				2-6,	
PR20	Process Operation Plant & Troubleshooting	5 Days			27-31				10-14,				6-10,
PR21	Advance Operation Skills	5 Days		6-10,			8-12,			14-18			18-22
PR22	Simulation	5 Days				10-14,					18-22		
PR23	Distillation	5 Days			6-10,					21-25			25-29
7	Reservoir Courses												
RE01	Reserves Estimation	5 Days			13-17					17-21			13-17,
RE02	Advanced Reservoir Engineering	5 Days		13-17				19-23				9-13,	
RE03	Well Test Design & Analysis	5 Days			20-24				24-28				20-24
RE04	Advanced Coring & Core Analysis	5 Days		20-24			15-19			7-11,			4-8,
RE05	Miscible Gas Injection	5 Days	23-27			17-21					25-29		
RE06	Reservoir Simulation	5 Days		6-10,			22-26			14-18			6-10,
RE07	Advanced Gas Reservoir Engineering	5 Days			27-31			26-30				16-20	
RE08	Cased Hole Drill Stem Testing	5 Days		13-17			1-5,			21-25			13-17
RE09	Basic Reservoir Engineering	5 Days	2-6,			24-28	8-12,		3-7,			23-27	
RE10	Reservoir Management	5 Days			6-10,			5-9,			4-8,		11-15,
8	Instrumentation Courses												
IN01	PLC I (Basic)	5 Days			13-17			12-16,			11-15,		18-22
IN02	PLC II (Advanced)	5 Days		20-24					10-14,			2-6,	
IN03	Instrumentation and Control Systems	5 Days	9-13,			3-7,				7-11,			20-24
IN04	DCS	5 Days			20-24			19-23				9-13,	
IN05	Pneumatic Control	5 Days		6-10,			15-19			14-18			6-10,
IN06	Process Control for Engineers	5 Days				10-14,			17-21		18-22		25-29
IN07	Basic Instrumentation	5 Days	16-20,				22-26			21-25			13-17
IN08	SCADA Systems	5 Days		13-17				26-30			25-29		4-8,
IN09	Instrumentation for Operators	5 Days			27-31				24-28			16-20	
IN10	Calibration Systems	5 Days				17-21				7-11,			11-15,
9	Exploration & Geology Courses												
EXG01	Petrel (all versions) 3D static modeling (basic)	5 Days							17-21				
EXG02	Petrel 3D static modeling (advanced)	5 Days								14-18			

EXG03	Seismic attributes analysis	3 Days				25-27					5-7,		
EXG04	Post and Pre-stack seismic inversion	5 Days									2-6,		
EXG05	Advanced seismic data interpretation	5 Days										20-24	
EXG06	Geophysics for non geophysicists	5 Days											18-22
EXG07	Petrel 3D structure modeling	3 Days		21-23									
EXG08	AVO/AVA analysis using 2D and 3D seismic data	5 Days			20-24								
EXG09	Fault seal analysis	3 Days	24-26				16-18						
EXG10	3D fracture modeling using Petrel	5 Days						19-23					
10	Management Courses												
MA01	Leadership Diploma.	5 Days	13-17					12-16,				6-10,	
MA02	Train the Trainer (TOT)	5 Days		6-10,				10-14,					25-29
MA03	Effective team work course.	5 Days			13-17					21-25			
MA04	Human Resource Management	5 Days				10-14,				11-15,			
MA05	Presentation Skills	5 Days				17-21				18-22			
MA06	Project Management Professional (PMP)	5 Days					8-12,				9-13,		
11	Inspection Courses												
IN01	Rig Equipment Inspection	5 days		20-25				19-23				9-13,	
IN02	Maintenance & Inspection of Static Equipment	4 weeks			6-31,			3-28,				6-1/12,	
IN03	Inspection, Evaluation and Repair of Process Plant Equipment and Connected Piping	2 weeks				3-14,				7-18,			4-15,
12	Logistics Courses												
LO01	Logistics and supply chain management	4 weeks		6-3/3,				5-30,				2-27,	
LO02	Supply Chain Logistics	1 day	3			4				1			1
LO03	Supply Chain Operations	2 days	4-5,			5-6,				2-3,			7-8,
LO04	Supply Chain Planning	2 days	11-12,			12-13,				9-10,			14-15,
LO05	Supply Chain Sourcing	2 days	18-19,			19-20				16-17			21-22,
LO06	Supply Chain Management Strategy	2 days	25-26			26-27				23-24			28-29
LO07	Blockchain and Cryptocurrency Explained	1 day	24			25				31			30
13	Computer & IT Courses												
IT01	Object Oriented Programming Using C++	2 days	11-12,					7-8,					
IT02	Advanced C++	4 days		6-9,					3-6,				
IT03	.NET Framework 3.0	1 day			8					10			
IT04	Access 2010 Advanced	2 days				12-13,					13-14		
IT05	Access 2010 Core	3 days					9-11,					10-12,	
IT06	Android Mobile Applications Development Diploma	2 weeks						12-23,					6-17,
IT07	Autodesk Revit Architecture 2020 Fundamentals	5 days	16-20						17-21				11-15,
IT08	ICDL	5 days		13-17						21-25			
IT09	Autodesk 3ds Max 2019 - Basic level	5 days			20-24						18-22		
IT10	Autodesk 3ds Max 2019 - Advanced level	2 weeks				17-28						16-27	
14	English Courses												
EN01	General English - Level 01	3 days	3-5,									3-5,	
EN02	General English - Level 02	3 days		7-9,									7-9,
EN03	General English - Level 03	3 days			7-9,								5-7,
EN04	General English - Level 04	3 days				4-6,							
EN05	General English - Level 05	3 days					2-4,						
EN06	General English - Level 06	3 days						6-8,					
EN07	General English - Level 07	3 days							4-6,				
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	16-19									9-12,	
EN11	Conversational English - Level 02	4 days		13-16									13-16
EN12	Conversational English - Level 03	4 days			13-16								11-14,
EN13	Conversational English - Level 04	4 days				10-13,							
EN14	Conversational English - Level 05	4 days					8-11,						
EN15	Conversational English - Level 06	4 days						12-15,					
EN16	Conversational English - Level 07	4 days							10-13,				
EN17	Conversational English - Level 08	4 days								7-10,			
EN18	Conversational English - Level 09	4 days									11-14,		
EN19	TOEFL Preparation	2 weeks			6-17,			19-30				16-27	