

### Technical Training Schedule - Cairo 2019/2020

Course Categories	Codes	Courses	Duration (Days)	2019						2020							
				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
(CFSE/P)	Exida	<b>Certified Functional Safety Expert / Professional</b>	5-Days	7													
<b>Industrial Network Security for Scada, Automation, Process Control &amp; PLC</b>			5-Days										8				
Workshops using Simulation Technology	RQO02	Advanced applications in gas processing	5-Days	7							12						
	RQO17	Cryogenic application operations	5-Days	14							19						
	RQO19	Distillation , operation and troubleshooting	5-Days	28							26						
	RQO32	Fundamentals of pump & compressor systems	5-Days		4							2					
	RQO35	Furnace , operation and troubleshooting	5-Days		18							9					
	RQO38	Gas conditioning and processing	5-Days		25							16					
	RQO39	Gas dehydration and conditioning	5-Days			1						23					
	RQO41	Gas sweetening units	5-Days			8							1				
	RQO42	Heat transfer equipment	5-Days			15							8				
	RQO51	Oil and gas separations	5-Days			22							15				
	RQO53	Onshore gas gathering systems	5-Days			29							22				
	RQO55	Overview of the natural gas business and basics of overview gas processing and facilities	5-Days				13							29			
	RQO65	Process safety engineering	5-Days				20								5		
	RQO74	Towers design , operation and troubleshooting	5-Days				27								12		
	RQO76	Troubleshooting oil and gas processing facilities	5-Days					3								31	
Instrumentation, Automation and Process Control	IDCAI	Practical Analytical Instrumentation in On-Line Applications	5-Days	7							12						
	IDCAP	Practical Advanced Process Control	5-Days	14							19						
	IDCAT	Practical Alarm Management	5-Days	28							26						
	IDCAU	Practical Programmable Logic Controller's (PLC's) for Automation and Process Control	5-Days		4							2					
	IDCTI	Practical Industrial Troubleshooting of Instrumentation, Electrical and Process Control	5-Days		18							9					
	IDCFA	Selection, Installation, Commissioning and Maintenance of Fiscal Flow & Metering Equipment	5-Days		25							16					
	IDCFL	Practical Industrial Flow Measurement	5-Days			1						23					
	IDCHZ	Practical Hazardous Areas	5-Days			8							1				
	IDCIS	Practical Intrinsic Safety	5-Days			15							8				
	IDCLT	Practical Tuning of Industrial Control Loops	5-Days			22							15				
	IDCNI	Measurement and Control for Non-Instrument Personnel	5-Days			29							22				
	IDCOI	Instrumentation Engineering for Oil & Gas Facilities	5-Days				13						29				
	IDCOP	Practical Fundamentals of OPC	5-Days				20							5			
	IDCSC	Practical SCADA & Telemetry Systems for Industry	5-Days				27							12			
	IDCSS	Practical Safety Instrumentation & Emergency	5-Days					3								31	
	IDCVL	Control Valve Sizing, Selection and Maintenance	5-Days					10									7
	IDCNS	Industrial Network Security for SCADA Automation, Process Control & PLC Systems	5-Days					17									14
	RQC09	Advanced DCS & SIS Control	5-Days					24									21
	RQC10	Advanced PLC with Siemens S7 applications	5-Days							1	19						
	RQC11	Basic PLC with Siemens S7 applications	5-Days							8	26						
	RQC15	Distillation Column Control	5-Days							15		2					
RQC19	Fundamentals of PLC and Siemens S7	5-Days							22		9						
RQC21	Hydraulic Penumatic Control Technology	5-Days	14								16						
RQC22	Industrial Process Controls	5-Days	28									1					
RQC30	Process Control and safety system	5-Days		4								8					
Electronics	IDCEX	Practical Earthing, Shielding, Electrical & Electronic Noise & Surge Reduction	5-Days		18						12						
	IDCPE	Power Electronics & Switch Mode Power Supply	5-Days		25						19						
Mechanical Engineering	IDCAC	Practical Fundamentals of Heating Ventilation & Air conditioning (HVAC)	5-Days			1					12						
	IDCBI	Practical Boiler Control and Instrumentation	5-Days			8					19						
	IDCBL	Practical Boiler Plant Operation and Management	5-Days			15					26						
	IDCCO	Practical Process Compressors	5-Days			22						2					
	IDCCX	Practical Conveyor, Chute and Feeder Design	5-Days			29						9					
	IDCGT	Gas Turbines: Fundamentals, Maintenance Troubleshooting	5-Days				13					16					
	IDCHY	Practical Hydraulic & Pneumatic Systems Operation & Troubleshooting	5-Days				20					23					
	IDCMY	Practical Corrosion, Metallurgy and Prevention of Failures	5-Days				27						1				
	IDCPK	API Program – Body of Knowledge Foundation	5-Days					3					8				
	IDCPP	Design, Operation, Maint. for Centrifugal &/or Positive Displacement Pumps	5-Days					10					15				

### Technical Training Schedule - Cairo 2019/2020

Course Categories	Codes	Courses	Duration (Days)	2019						2020							
				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		
Mechanical Engineering	IDCRA	Root Cause Failure Analysis	5-Days					17					22				
	IDCSF	Practical Machinery and Automation Safety for Industry	5-Days					24					29				
	IDCSV	Safety Relief Valves - Inspection, Operation & Troubleshooting	5-Days						1					5			
	IDCVL	Practical Control Valve Sizing, Selection and Maintenance	5-Days						8					12			
	IDCVB	Practical Machinery Vibration Analysis & Predictive Maintenance	5-Days						15						31		
	RQM05	Application of Risk Based Inspection (API-580 / 581 E2G)	5-Days						22								7
	RQM15	Boilers for Technicians	5-Days	7													14
	RQM16	Certified Welding Inspector (CWI Preparatory Exam Course)	10-Days	14													21
	RQM27	Fitness for Service (FFS)- API-579	5-Days	28							12						
	RQM31	Heat Exchangers for Technicians	5-Days		4						19						
	RQM32	Heat exchangers, design, operation and inspection	5-Days		18						26						
	RQM36	Inspection of fired boilers and Heaters (API-573)	5-Days		25							2					
	RQM61	Process Piping Design & Construction (ASME B31.3)	5-Days			1						9					
	RQM74	Steam Turbines	5-Days			8						16					
	RQM75	Hot Taping & Stopple Procedures	5-Days			15						23					
RQM76	Storage tank Inspection (API-653, API-620, and API-575)	5-Days			22							1					
Civil	IDCHW	Hazardous Waste Management and Pollution Prevention	5-Days	7							12						
	IDCSE	Best Practice in Sewage and Effluent Treatment Technologies	5-Days	14							19						
Electrical Engineering	IDCHZ	Practical Hazardous Areas	5-Days	28							12						
	IDCCA	Practical Electrical Network Automation & Communication Systems	5-Days		4						19						
	IDCCB	Safe Operation & Maintenance of Circuit Breakers & Switchgear	5-Days		18						26						
	IDCEE	Practical Energy Efficiency, Design, Engineering and Auditing	5-Days		25							2					
	IDCEF	Practical Electrical Safety Techniques for Industry	5-Days			1						9					
	IDCEO	Fundamentals of Operation and Troubleshooting of Emergency/ Standby Power Generation using Diesel Generators	5-Days			8						16					
	IDCER	Earthing, Shielding & Surge Protection of Electrical Equipment for Instrumentation & Control	5-Days			15						23					
	IDCEV	Practical Electrical Substation Safety	5-Days			22							1				
	IDCHL	Practical HV and LV Switching Operations and Safety Rules	5-Days			29							8				
	IDCLZ	Lightning, Surge Protection & Earthing of Electrical & Electronic Systems in Industrial Networks	5-Days				13						15				
	IDCMI	Practical Electrical Metering, Measurement and Instrument Transformers	5-Days				20						22				
	IDCPH	Practical Power System Harmonics, Earthing and Power Quality - Problems and Solutions	5-Days				27						29				
	IDCRE	Wind & Solar Power - Renewable Energy Technologies	5-Days					3						5			
	IDCEK	Inspection, Testing and Commissioning of Electrical Switchboards, Circuit Breakers, Protective Relays, Cabables & PLCs	5-Days						10						12		
	IDCUP	Maintenance and Troubleshooting of Uninterruptible Power Supply (UPS) Systems & Batteries	5-Days						17							31	
	RQE03	ADVANCED POWER TRANSMISSION	5-Days						24								7
	RQE07	DISTRIBUTION SYSTEM PLANNING IN ELECTRICAL NETWORK	5-Days							1							14
	RQE11	ELECTRICAL EQUIPMENT - INSPECTION	5-Days							8							21
RQE27	HIGH VOLTAGE OPERATIONAL SAFETY (OSHA, NFPA & EN STANDARDS)	5-Days							15	12							

### Technical Training Schedule - Cairo 2019/2020

Course Categories	Codes	Courses	Duration (Days)	2019						2020						
				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Electrical Engineering	RQE38	POWER SYSTEM GENERATION & DISTRIBUTION	5-Days						22	19						
	RQE40	PRACTICAL ELECTRICAL SUBSTATION SAFETY	5-Days						29	26						
	RQE48	SUBSTATION OPERATION AND MAINTENANCE ,TECHNIQUES	5-Days	7							2					
Industrial Data Communication & Networking	IDCAV	Advanced TCP/IP Networking	5-Days	14							12					
	IDCDC	Practical Data Communications & Networking	5-Days	28							19					
	IDCFF	Practical Use and Understanding of Foundation FieldBus	5-Days		4						26					
	IDCFX	Practical Fibre Optics and Interfacing with Industrial Ethernet & Wireless	5-Days		18							2				
	IDCTB	Practical Troubleshooting & Problem Solving of Ethernet TCP/IP & Modbus Protocols	5-Days		25							9				
Chemical	IDCCH	Handling Chemicals and Chemical Processes - Tips, Tricks & Tools	5-Days			1						8				
Health and Safety	RQS01	Accident investigation	5-Days			8					12					
	RQS02	Advanced HAZOP	5-Days			15					19					
	RQS03	Basic Fire Fighting	5-Days			22					26					
	RQS05	Behavioral safety and securing workplace	5-Days			29						2				
	RQS06	Confined Space Entry Program	5-Days				13					9				
	RQS07	Electrical Safety	5-Days				20					16				
	RQS09	Ergonomics	5-Days				27					23				
	RQS10	Fall Protection	5-Days					3					1			
	RQS11	Fire and Explosion	5-Days					10					8			
	RQS12	First Aid Practice & Basic Life Support	5-Days					17					15			
	RQS13	Fundamentals of Process Hazard analysis PHA	5-Days					24					22			
	RQS14	Gas Testing & Breathing Systems	5-Days						1				29			
	RQS16	Hazard Recognition	5-Days							8				5		
	RQS17	Hazardous Area Classification and quipment Selection	5-Days							15				12		
	RQS20	HAZOP Application	5-Days							22					31	
	RQS22	HIRA (Hazard Identification and Risk (Assessment	5-Days	7												7
	RQS24	Loss prevention and control in petroleum industry	5-Days	14												14
RQS25	Mechanical Isolation philosophy	5-Days	28												21	
RQS26	NORM Handling	5-Days		4						12						
RQS28	Petroleum Storage Tanks Safe Cleaning	5-Days		18							19					
RQS29	Pollution Prevention in Oil & Gas Industry	5-Days		25							26					





**Technical Training Schedule - Cairo 2019/2020**

Course Categories	Codes	Courses	Duration (Days)	2019						2020						
				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Administrative Courses	RQH26	صناعة النجاح والامتياز البشري	5-Days			1							22			
	RQH27	ادارة التغيير	5-Days			8							29			
	RQH28	المهارات الادارية والاشرافيه والقيادة المتقدمة	5-Days			15								5		
	RQH29	المهارات الانسانية و السلوكية لادارة الازمات	5-Days			22								12		
	RQH30	كيفية التحول من مدير تنفيذي الى قائد استراتيجي	5-Days			29									31	
	RQH31	بروتوكولات التعامل مع الشخصيات الهامة	5-Days				13									7
	RQH32	ادارة الوقت و العمل تحت الضغوط و ترتيب الاولويات	5-Days				20									14
	RQH33	كيفية توسيع دائرة التأثير على الاخرين	5-Days				27									21
	RQH34	مهارات التواصل و لغة الجسد	5-Days					3		12						
	RQH35	ادارة الموارد البشرية و ربطها بالاهداف الاستراتيجية	5-Days					10		19						
	RQH36	تنمية الولاء المؤسسي و اثره على مستوى الاداء	5-Days					17		26						
	RQH37	الخرائط الذهنية	5-Days					24			2					
	RQH38	مهارات التفاوض	5-Days						1		9					
	RQH39	المهارات التنظيمية و تبسيط اساليب العمل	5-Days						8		16					
	RQH40	مهارات اعداد المكاتبات و التقارير	5-Days						15		23					
	RQH41	مهارات الاتصال الفعال مع الاخرين	5-Days						22			1				
	RQH42	العادات السبع لاكثر المديرين فاعلية	5-Days	7									8			
	RQH43	تخطيط ومتابعة وتقييم اداء المرؤوسين	5-Days	14										15		
	RQH44	المهارات الادارية للادارة العليا	5-Days	28											22	
	RQH45	Culture of continous Improvement	5-Days		4										29	
	RQH46	Train of the Trainer	5-Days		18										5	
	RQH47	Meeting Management	5-Days		25										12	
	RQH48	Six Segma	5-Days			1										31
	RQH49	Project Management for the manager	5-Days			8										7
	RQH50	Good Leaders ask great questions	5-Days			15										14
	RQH51	Triple Leadership 7	5-Days			22										21
	RQH52	STRATEGC MANAGEMENT	5-Days			29					12					
	RQH53	PRINCIPLES OF PROJECT MANAGEMENT (MINI MBA / MANAGEMENT OR PROJECT MANAGEMENT MAJOR )	5-Days				13				19					
	RQH54	PRACTICING LEADERSHIP ( MINI MBA / MANAGEMENT MAJOR )	5-Days				20				26					
	RQH55	PROJECT CONTRACT AND QUALITY MANAGEMENT (MINI MBA / MANAGEMENT OR PROJECT MANAGEMENT MAJOR )	5-Days					27				2				
	RQH56	PROJECT MONITORING AND CONTROL TECHNIQUES (MINI MBA PROJECT MANAGEMENT MAJOR )	5-Days						3			9				
	RQH57	ORGANIZATIONAL BEHAVIOUR (MINI MBA / MANAGEMENT OR PROJECT MANAGEMENT MAJOR )	5-Days							10			16			
	RQH58	PRINCIPLES OF HR MANAGEMENT (MINI MBA/MANAGEMENT MAJOR)	5-Days							17			23			

Reservation: 4 weeks before starting date

Address: 48 Hesham Labib St., from Mostafa El-Nahas St., Nasr City, 11762 Cairo, Egypt

Special Prices for On-Site/In-House courses

Payment: 100% in advance

Duration: 9:00 AM - 1:30 PM

 For more information or to book a seat: Send your requests to [info@roqgy.com](mailto:info@roqgy.com)

Or fax: +202 22876215

Mob: +201099573730

Tel. +202 22876213

[www.roqgy.com](http://www.roqgy.com)