



INSIGNIA SEMINARS & CONFERENCE ORGANIZERS LLC

TECHNICAL TRAINING PLAN

Note: All our courses can be conducted On Site/In-House/or in Dubai, Abu Dhabi, Amman, Istanbul, Kuala Lumpur or as per client's request.

No.	Course Title	Duration
Mechanical Engineering, Metallurgy, Inspection, Maintenance & Reliability Training Programs		
ME001	Advanced Machinery Reliability Analysis	5 Days
ME002	Advanced Technology of Pipeline Design, Construction And Mechanical Integrity	5 Days
ME003	Advanced Troubleshooting of Rotating Equipment	5 Days
ME004	Advanced Valve Technology: Design, Selection, Installation, Applications, Sizing, Inspection, Maintenance and Troubleshooting	5 Days
ME005	Advanced Strategic Maintenance Management	5 Days
ME006	Air Conditioning Systems Design, Selection, Operation, Maintenance and Troubleshooting	5 Days
ME007	Air Conditioning And Refrigerating Technology	5 Days
ME008	Analytical Prevention Of Machinery Failure, PM & Troubleshooting Of Plant Rotating Equipment	5 Days
ME009	API 580 Risk Based Inspection	5 Days
ME010	API 510: PRESSURE VESSEL INSPECTION CODE: Maintenance, Inspection, Rating, Repair, and Alteration (Training only)	5 Days
ME011	API 570: PIPING INSPECTION CODE: Inspection, Repair, Alteration and Rerating of In-Service Piping Systems (API Exam Preparation Training)	5 Days
ME012	API 579 Fitness for Service of Piping, Vessels and Tanks	5 Days
ME013	API 579 and API 571: Fitness-for-Service (FFS) & Damage Mechanisms of Process Plant Equipment , Piping and Storage Facilities	5 Days
ME014	API 936: Design & Inspection Of Refractory Materials For Refineries, Power Generation & Petrochemicals	5 Days
ME015	API 653: TANK INSPECTION CODE: Inspection, Repair, Alteration and Reconstruction of Steel Aboveground Storage Tanks Used in the Petrochemical Industry (Training Only)	5 Days
ME016	Applied Maintenance Management	5 Days
ME017	Applied Welding Metallurgy	5 Days
ME018	Applying Troubleshooting & maintenance to Industrial Hydraulic Systems	5 Days
ME019	ASME B31 Design and Integrity Stress Analysis of Piping Systems and Pipelines	5 Days
ME020	ASME B31.3, Process Piping Design, Construction and Mechanical Integrity (ASME B31.3 & API570)	5 Days

ME021	ASME B31.8 Gas Piping	5 Days
ME022	ASME BOILER AND PRESSURE VESSEL CODE: Section VIII, Division 1, Design And Fabrication Of Pressure Vessels	5 Days
ME023	ASME Post Construction Code (PCC): Inspection, Planning, Fitness-for-Service and Repair for Vessels, Tanks and Piping	5 Days
ME024	Casing and Tubing Design	5 Days
ME025	Centrifugal Pumps & Compressors: Operation, Maintenance & Troubleshooting	5 Days
ME026	Control & Safety Relief Valves Operation, Selection & Troubleshooting	5 Days
ME027	Cooling Towers: Design, Operation, Maintenance and Troubleshooting	5 Days
ME028	CONTROL VALVES AND ACTUATORS: Selection, Calculations, Sizing, Applications, Operation, Diagnostic Testing, Troubleshooting, and Maintenance	5 Days
ME029	Corrosion, Metallurgy and Failure Prevention	5 Days
ME030	Crane Inspection and Operations	5 Days
ME031	Current Inspection Trends in Fabrication & Plant Maintenance	5 Days
ME032	Design & Fabrication Of Storage Tanks In Accordance With API 650	5 Days
ME033	Design & Operating Conditions Of Centrifugal Pumps & Prime Movers (VSD & FSM)	5 Days
ME034	Design & Selection of Air-conditioning Units (Practical Applications)	5 Days
ME035	Design And Fabrication Shell-and-Tube Heat Exchangers In Accordance To ASME & TEMA Codes	5 Days
ME036	Design & Fabrication Of Piping Systems & Code Requirements	5 Days
ME037	Dynamic Pressure Monitoring in Gas Turbines	5 Days
ME038	Economic & Technical Evaluations in Engineering & Maintenance Projects	5 Days
ME039	Effective Operation, Maintenance & Troubleshooting of Rotating Machinery	5 Days
ME040	Effective Reliability and Maintenance Best Practices : Lowering Life Cycle Cost of Equipment	5 Days
ME041	Fans and Blowers : Performance, Measurements & Maintenance	5 Days
ME042	Fault Diagnosis And Failure Prevention	5 Days
ME043	Gas Turbine Technology: Design, Operation, Control, Inspection, Troubleshooting and Maintenance	5 Days
ME044	Gear Boxes: Selection, Inspection, Maintenance, Troubleshooting and Repair	5 Days
ME045	Generators: Operations, Maintenance, Control, Testing and Troubleshooting	5 Days
ME046	Heat Exchanger Design, Performance, Inspection, Maintenance and Operation	5 Days
ME047	Hydraulic and Pneumatic Maintenance & Troubleshooting	5 Days
ME048	Implementation Of Reliability Centered Maintenance (RCM) & Total Productivity Maintenance (TPM)	5 Days
ME049	Implementation, Integration & Management Of Risk Based Inspection	5 Days



ME050	Implementation, Integration & Management Of Statutory Pressure Vessels Inspections	5 Days
ME051	Inspection and Maintenance of Subsea Pipelines & Offshore Structures	5 Days
ME052	Inspection, Flaw Evaluation, And Repair/Alterations Of Pressure Vessels	5 Days
ME053	Maintenance Planning, Scheduling, Auditing & Benchmarking	5 Days
ME054	Machinery Alignment and Balancing	5 Days
ME055	Machinery Bearing Lubrication and Reliability (Tribology)	5 Days
ME056	Management Of Boilers, Steam Turbines & Steam Plant	5 Days
ME057	Metallurgical Failure Analysis & Prevention	5 Days
ME058	Modern Welding Technology: Welding, Fabrication and Inspection (AWS, ASME & API Codes)	5 Days
ME059	Onshore Pipeline Facilities - Design, Construction and Operations	5 Days
ME060	Operation And Maintenance Of Hydraulically Operated Equipment	5 Days
ME061	Piping Vibration Analysis & Practical Engineering Solutions In Process Plants	5 Days
ME062	Planning and Managing Shutdowns, Turnarounds	5 Days
ME063	Practical Pump Technology: Selection, Operation and Maintenance	5 Days
ME064	Practical Machinery Failure, Vibration Monitoring, Analysis and Predictive Maintenance	5 Days
ME065	Reliability Centered Maintenance (RCM) & Total Productivity Maintenance (TPM)	5 Days
ME066	Rotating Equipment Reliability Optimization and Continuous Improvement	5 Days
ME067	Root Cause Failure Analysis (RCFA)	5 Days