



Training Courses

Mechanical Engineering and Material Sciences

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Mechanical Engineering and Material Sciences

Code	Course Title	Date	Venue
MMS 124	Advanced Heavy Lifting, Transportation Techniques for Onshore and Offshore Projects	05 – 09 JAN 2025	Istanbul
MMS 198	Heating, Ventilation and Air Conditioning (HVAC) Systems	05 – 09 JAN 2025	Cairo
MMS 272	The Complete Tribology Course - Friction, Wear and Lubrication	05 – 09 JAN 2025	Riyadh
MMS 126	Advanced Hydraulic System	12 – 16 JAN 2025	Dubai
MMS 200	Introduction to Plant Piping and Valves	12 – 16 JAN 2025	Jeddah
MMS 274	Understanding and Preventing Process Equipment Failures	12 – 16 JAN 2025	Trabzon
MMS 128	Ammonia Refrigeration Systems	19 – 23 JAN 2025	Paris
MMS 202	Lifting Equipment Selection, Maintenance and Troubleshooting	19 – 23 JAN 2025	Madrid
MMS 276	Valves and Actuators Technology	19 – 23 JAN 2025	Istanbul
MMS 130	API 653 - Tank Inspection, Repair, Alteration and Reconstruction	26 – 30 JAN 2025	London
MMS 204	Heavy Duty Diesel Engine (HDD) Operation and Maintenance	26 – 30 JAN 2025	Cairo
MMS 278	Materials of Construction for Process Equipment and Piping Systems	26 – 30 JAN 2025	Antalya
MMS 132	API RP 571 and Advanced Damage Mechanisms and Material Investigation in the Refining, Petrochemical and Petroleum Industries	02 – 06 FEB 2025	Austria
MMS 206	Machinery Failure Analysis and Troubleshooting	02 – 06 FEB 2025	Jeddah
MMS 280	Valves Classes, Pressure Rating, SRV's Inspection and Maintenance	02 – 06 FEB 2025	Istanbul
MMS 134	Artificial Lift Systems	09 – 13 FEB 2025	Dubai
MMS 208	Marine Shipyard Welding and Fabrication	09 – 13 FEB 2025	Cairo
MMS 282	The Complete Tribology Course	09 – 13 FEB 2025	Istanbul
MMS 136	ASME BPV Code, Section VIII, Division 1 Design and Fabrication of Pressure Vessels	16 – 20 FEB 2025	Barcelona



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MMS 210	Masterclass in Rotating Equipment Engineering	16 – 20 FEB 2025	London
MMS 284	TEMA and HTRI Heat Exchanger	16 – 20 FEB 2025	Riyadh
MMS 138	Automation Systems	23 – 27 FEB 2025	Abu Dhabi
MMS 212	Material Cataloguing, Specifications, Handling and Storage	23 – 27 FEB 2025	Alexandria
MMS 286	Bearing Lubrication and Vibration Analysis	02 – 06 MAR 2025	Paris
MMS 140	Hydraulic and Pneumatic Systems	02 – 06 MAR 2025	Dubai
MMS 214	Boiler and Steam System Management	09 – 13 MAR 2025	Riyadh
MMS 288	Valves Operation and Maintenance	09 – 13 MAR 2025	Madrid
MMS 142	Building Automation Systems (BAS)	16 – 20 MAR 2025	London
MMS 216	HVAC Design, Operation and Maintenance	16 – 20 MAR 2025	Antalya
MMS 290	Centrifugal Compressor and Steam Turbine	23 – 27 MAR 2025	Cairo
MMS 144	Lifting Loads in Onshore - Offshore Installations	23 – 27 MAR 2025	London
MMS 218	Certified Condition Monitoring Engineer	30 MAR – 03 APR 2025	Trabzon
MMS 292	Introduction to Risk Based Inspection	30 MAR – 03 APR 2025	Istanbul
MMS 146	Bearings Types, Installation and Disassembling	06 – 10 APR 2025	Sharm El Sheikh
MMS 220	Machine Elements	06 – 10 APR 2025	Vienna
MMS 294	Certified Diesel Engine Mechanic	13 – 17 APR 2025	Cairo
MMS 148	Measuring Mechanical Vibrations and Methods of Measurement	13 – 17 APR 2025	Istanbul
MMS 222	Certified Fired Process Heater Operator	20 – 24 APR 2025	Dubai
MMS 296	Mechanical Engineering Essentials	20 – 24 APR 2025	Istanbul
MMS 150	Certified Process Operator	27 APR – 01 MAY 2025	Paris
MMS 224	Mechanical Engineering for Rotating Equipment	27 APR – 01 MAY 2025	Trabzon
MMS 298	Combined Cycle Power Plant Fundamentals	04 – 08 MAY 2025	Cairo
MMS 152	Mechanical Equipment - Compressors, Pumps, Seals, Motors and Variable - Speed Drives	04 – 08 MAY 2025	Austria



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MMS 226	Commissioning and Start-Up with API RP 1FSC Foundation	11 – 15 MAY 2025	Abu Dhabi
MMS 300	Mechanical Failure Analysis	11 – 15 MAY 2025	Istanbul
MMS 154	Composite Materials	18 – 22 MAY 2025	Dubai
MMS 228	Metallurgical Failure Analysis	18 – 22 MAY 2025	Alexandria
MMS 302	Compressors Major Inspection and Overhaul	25 – 29 MAY 2025	Istanbul
MMS 156	Mechanical Engineering for Static Equipment	25 – 29 MAY 2025	Amsterdam
MMS 230	Control Valves and Actuators	01 – 05 JUNE 2025	Vienna
MMS 304	Material Selection	01 – 05 JUNE 2025	Dubai
MMS 158	Cooling Towers and Condensers	08 – 12 JUNE 2025	Istanbul
MMS 232	Methods of Shaft Alignment	08 – 12 JUNE 2025	Cairo
MMS 306	Couplings and Shaft Alignment	15 – 19 JUNE 2025	Istanbul
MMS 160	Mobile Lifting Equipment Operation and Maintenance	15 – 19 JUNE 2025	Sharm El Sheikh
MMS 234	Custody Transfer and Flow Measurement	22 – 26 JUNE 2025	Trabzon
MMS 308	Modern Wi-Fi Solutions to Instrumentation and Control	22 – 26 JUNE 2025	Istanbul
MMS 162	Design Criteria in Instrumentation Engineering	29 JUNE – 03 JULY 2025	Cairo
MMS 236	Multiphase Flowmetering	29 JUNE – 03 JULY 2025	Dubai
MMS 310	Dry Gas Seal System, Installation, Working Principle, Operation and Troubleshooting	06 – 10 JULY 2025	Istanbul
MMS 164	Mechanical Maintenance Fundamentals	06 – 10 JULY 2025	Kuala Lumpur
MMS 238	Diesel Engine	13 – 17 JULY 2025	Istanbul
MMS 312	Mechanical Failures and Systems Analysis	13 – 17 JULY 2025	Dubai
MMS 166	Compressors, Pumps and Turbines	20 – 24 JULY 2025	Istanbul
MMS 240	Pipeline Operations and Maintenance	20 – 24 JULY 2025	Cairo
MMS 314	Engineering Aspects of Welding	27 – 31 JULY 2025	Abu Dhabi
MMS 168	Piping Engineering and Pipe Stress Analysis	27 – 31 JULY 2025	Istanbul



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MMS 242	Fired Heaters and Heat Exchangers	03 – 07 AUG 2025	Trabzon
MMS 316	Plant Piping - Design, Structural Integrity and Maintenance	03 – 07 AUG 2025	Cairo
MMS 170	Flange Integrity Course	10 – 14 AUG 2025	Istanbul
MMS 244	Predictive Maintenance, Vibration Analysis and Condition Monitoring of Machines	10 – 14 AUG 2025	Dubai
MMS 318	Fluid Flow and Heat Transfer in Industrial Applications	17 – 21 AUG 2025	Vienna
MMS 172	Practical Pump and Valve Technology	17 – 21 AUG 2025	Istanbul
MMS 246	Gas Compressor System, Working Principle and Maintenance	24 – 28 AUG 2025	Austria
MMS 320	Pressure Safety Valve, Actuators and Regulators – Inspection and Maintenance	24 – 28 AUG 2025	Istanbul
MMS 174	Gears Types, Installation and Maintenance	31 AUG – 04 SEP 2025	Sharm El Sheikh
MMS 248	Materials of Construction for Process Equipment	31 AUG – 04 SEP 2025	Riyadh
MMS 322	General Mechanical Codes, Standards and Specifications	07 – 11 SEP 2025	Dubai
MMS 176	Pressure Vessel Inspector	07 – 11 SEP 2025	Cairo
MMS 250	Control Valves	14 – 18 SEP 2025	Istanbul
MMS 324	Principles and Components of Hydraulic Systems	14 – 18 SEP 2025	Dubai
MMS 178	Diesel Pumps Maintenance and Inspection	21 – 25 SEP 2025	Istanbul
MMS 252	Process and Mechanical Engineering Essentials	21 – 25 SEP 2025	Austria
MMS 326	Flange Management and Tightening	28 SEP – 02 OCT 2025	Cairo
MMS 180	Process Plant Optimisation and Energy Conservation	28 SEP – 02 OCT 2025	Dubai
MMS 254	Gas Turbine Operation, Performance, Maintenance and Repair	05 – 09 OCT 2025	London
MMS 328	Tank Farm and Storage Tank Design, Inspection Procedure, Operations, Repair and Maintenance	05 – 09 OCT 2025	Dubai
MMS 182	Heat Exchanger and Cooling Towers	12 – 16 OCT 2025	Madrid
MMS 256	Process Control Valves and Actuators	12 – 16 OCT 2025	Istanbul



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MMS 330	Hydraulic Pumps and Valves	19 – 23 OCT 2025	Istanbul
MMS 184	Study of Hydraulic Circuit Components, Fittings and Hoses	19 – 23 OCT 2025	London
MMS 258	Pumps and Compressors	26 – 30 OCT 2024	Cairo
MMS 332	Steam Boilers	26 – 30 OCT 2024	Dubai
MMS 186	Innovative Root Cause Analysis	02 – 06 NOV 2025	Istanbul
MMS 260	Specialist in Piping Design	02 – 06 NOV 2025	Cairo
MMS 334	Process Equipment and Piping Systems	09 – 13 NOV 2025	Riyadh
MMS 188	Safety Relief Valve Sizing, Selection, Operation, Inspection and Maintenance	09 – 13 NOV 2025	Istanbul
MMS 262	Heat Transfer and Exchangers	16 – 20 NOV 2025	London
MMS 336	Rotating Equipment - Start-up, Operation, Maintenance and Troubleshooting	16 – 20 NOV 2025	Istanbul
MMS 190	Process Plant Troubleshooting and Engineering Problem Solving	23 – 27 NOV 2025	Barcelona
MMS 264	Pump Selection, Operation and Troubleshooting	23 – 27 NOV 2025	Austria
MMS 338	Industrial Steam Boiler System, Operation and Maintenance	30 NOV – 04 DEC 2025	Istanbul
MMS 192	Root Cause Failure Analysis (RCFA)	30 NOV – 04 DEC 2025	Austria
MMS 266	Process Plant Optimization Technology and Continual Improvement	07 – 11 DEC 2025	Istanbul
MMS 340	Pumps Types and Maintenance	07 – 11 DEC 2025	Dubai
MMS 194	Hydraulic System Course	14 – 18 DEC 2025	Jeddah
MMS 268	Refractories - Applications, Inspection and Maintenance	14 – 18 DEC 2025	Cairo
MMS 342	Process Engineering Essentials	21 – 25 DEC 2025	Istanbul
MMS 196	Refinery Critical Equipment Operation for Compressors, Turbines and Pumps	21 – 25 DEC 2025	Amsterdam
MMS 270	Heat Exchangers – Types, Application, Design, Operation and Maintenance	28 DEC – 01 JAN 2026	Kuala Lumpur
MMS 344	Pump and Valve Engineering	28 DEC – 01 JAN 2026	Istanbul