



# Training Courses

## Mechanical Engineering and Material Sciences

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## Mechanical Engineering and Material Sciences

Code	Course Title	Date	Venue
MMS 228	Boiler and Steam System Management	01 – 05 JAN 2024	Istanbul
MMS 162	Certified Diesel Engine Mechanic	01 – 05 JAN 2024	Jeddah
MMS 058	Process Plant Troubleshooting and Engineering Problem Solving	07 – 11 JAN 2024	Istanbul
MMS 164	Pumps and Compressors	07 – 11 JAN 2024	Austria
MMS 060	Building Automation Systems (BAS)	14 – 18 JAN 2024	Cairo
MMS 166	TEMA and HTRI Heat Exchanger	14 – 18 JAN 2024	Riyadh
MMS 062	Specialist in Piping Design	21 – 25 JAN 2024	Dubai
MMS 168	Diesel Pumps Maintenance and Inspection	21 – 25 JAN 2024	London
MMS 064	Pump Selection, Operation and Troubleshooting	28 JAN – 01 FEB 2024	London
MMS 170	Multiphase Flowmetering	28 JAN – 01 FEB 2024	Sharm El Sheikh
MMS 066	Gas Turbine Operation, Performance, Maintenance and Repair	04 – 08 FEB 2024	Istanbul
MMS 172	Heat Exchanger and Cooling Towers	04 – 08 FEB 2024	Paris
MMS 068	Measuring Mechanical Vibrations and Methods of Measurement	11 – 15 FEB 2024	Austria
MMS 174	Process Engineering Essentials	11 – 15 FEB 2024	Dubai
MMS 070	Industrial Steam Boiler System, Operation and Maintenance	18 – 22 FEB 2024	Amsterdam
MMS 176	Study of Hydraulic Circuit Components, Fittings and Hoses	18 – 22 FEB 2024	Istanbul
MMS 072	Materials of Construction for Process Equipment	25 – 29 FEB 2024	Sharm El Sheikh
MMS 178	Artificial Lift Systems	25 – 29 FEB 2024	Cairo
MMS 074	Tank Farm and Storage Tank Design, Inspection Procedure, Operations, Repair and Maintenance	03 – 07 MAR 2024	Paris
MMS 180	Process Equipment and Piping Systems	03 – 07 MAR 2024	Istanbul
MMS 076	Bearings Types, Installation and Disassembling	10 – 14 MAR 2024	Istanbul

MMS 182	Plant Piping	10 – 14 MAR 2024	Istanbul
MMS 078	Machinery Failure Analysis and Troubleshooting	17 – 21 MAR 2024	Istanbul
MMS 184	Heat Exchangers Operation and Maintenance	17 – 21 MAR 2024	Sharm El Sheikh
MMS 080	Mechanical Equipment: Compressors, Pumps, Seals, Motors and Variable - Speed Drives	24 – 28 MAR 2024	Cairo
MMS 186	Flange Integrity	24 – 28 MAR 2024	Istanbul
MMS 082	Pressure Safety Valve, Actuators and Regulators – Inspection and Maintenance	31 MAR – 04 APR 2024	Dubai
MMS 188	The Complete Tribology Course	31 MAR – 04 APR 2024	Madrid
MMS 084	Diesel Pumps Maintenance and Inspection	07 – 11 APR 2024	London
MMS 190	Hydraulic System Course	07 – 11 APR 2024	Istanbul
MMS 086	Root Cause Failure Analysis (RCFA)	14 – 18 APR 2024	Istanbul
MMS 192	Refractories: Applications, Inspection and Maintenance	14 – 18 APR 2024	Barcelona
MMS 088	Centrifugal Compressor and Steam Turbine	21 – 25 APR 2024	Austria
MMS 194	Pump and Valve Engineering	21 – 25 APR 2024	Jeddah
MMS 090	Certified Process Operator	28 APR – 02 MAY 2024	Amsterdam
MMS 196	Heat Transfer and Exchangers	28 APR – 02 MAY 2024	Riyadh
MMS 092	Mechanical Failure Analysis	05 – 09 MAY 2024	Sharm El Sheikh
MMS 198	Valves and Actuators Technology	05 – 09 MAY 2024	Paris
MMS 094	Dry Gas Seal System, Installation, Working Principle, Operation and Troubleshooting	12 – 16 MAY 2024	Kuala Lumpur
MMS 200	Heating, Ventilation, and Air Conditioning (HVAC) Systems	12 – 16 MAY 2024	Madrid
MMS 096	Safety Relief Valve Sizing, Selection, Operation, Inspection and Maintenance	19 – 23 MAY 2024	Istanbul
MMS 202	Valves Operation and Maintenance	19 – 23 MAY 2024	London
MMS 098	Masterclass in Rotating Equipment Engineering	26 – 30 MAY 2024	Istanbul
MMS 204	HVAC Design, Operation, and Maintenance	26 – 30 MAY 2024	Amsterdam
MMS 100	Composite Materials and its constituents	02 – 06 JUNE 2024	Cairo
MMS 206	Materials Selection and Failure Analysis	02 – 06 JUNE 2024	Istanbul

MMS 102	Pipeline Operations and Maintenance	09 – 13 JUNE 2024	Dubai
MMS 208	Hydraulic and Pneumatic Systems	09 – 13 JUNE 2024	Cairo
MMS 104	Mechanical Maintenance Fundamentals	16 – 20 JUNE 2024	London
MMS 210	Control Valves and Actuators (Characteristics – Types)	16 – 20 JUNE 2024	Barcelona
MMS 106	Gas Compressor System, Working Principle and Maintenance	23 – 27 JUNE 2024	Istanbul
MMS 212	Hydraulic Pumps and Valves	23 – 27 JUNE 2024	Dubai
MMS 108	Materials of Construction for Process Equipment and Piping Systems	30 JUNE – 04 JULY 2024	Austria
MMS 214	Valves Classes and Pressure Rating, SRV's Inspection and Maintenance	30 JUNE – 04 JULY 2024	Istanbul
MMS 110	Design Criteria in Instrumentation Engineering	07 – 11 JULY 2024	Jeddah
MMS 216	Introduction to Plant Piping and Valves	07 – 11 JULY 2024	Istanbul
MMS 112	Pumps Types and Maintenance	14 – 18 JULY 2024	Austria
MMS 218	Methodology of Automation Systems	14 – 18 JULY 2024	Cairo
MMS 114	Pipeline Operations and Maintenance	21 – 25 JULY 2024	Riyadh
MMS 220	Introduction to Risk Based Inspection	21 – 25 JULY 2024	Dubai
MMS 116	Metallurgical Failure Analysis	28 JULY – 01 AUG 2024	London
MMS 222	Methodology of Machine Elements	28 JULY – 01 AUG 2024	Istanbul
MMS 118	Mechanical Engineering Essentials	04 – 08 AUG 2024	Istanbul
MMS 224	Lifting Equipment Selection, Maintenance and Troubleshooting	04 – 08 AUG 2024	Paris
MMS 120	Fired Heaters and Heat Exchangers	11 – 15 AUG 2024	Austria
MMS 226	Refractory Design, Installation, Inspection and Repair	11 – 15 AUG 2024	Dubai
MMS 122	Mechanical Failures and Systems Analysis	18 – 22 AUG 2024	Istanbul
MMS 124	Cooling Towers and Condensers	25 – 29 AUG 2024	Jeddah
MMS 126	Compressors, Pumps and Turbines	01 – 05 SEP 2024	Istanbul
MMS 128	Methods of Shaft Alignment	08 – 12 SEP 2024	Austria
MMS 130	Marine Shipyard Welding and Fabrication	15 – 19 SEP 2024	Cairo
MMS 132	Flange Management and Tightening	22 – 26 SEP 2024	Riyadh



MMS 134	Piping Engineering and Pipe Stress Analysis	29 SEP – 03 OCT 2024	Dubai
MMS 136	Custody Transfer and Flow Measurement	06 – 10 OCT 2024	London
MMS 138	Refinery Critical Equipment Operation for Compressors, Turbines and Pumps	13 – 17 OCT 2024	London
MMS 140	Pressure Vessel Inspector	20 – 24 OCT 2024	Sharm El Sheikh
MMS 142	Process and Mechanical Engineering Essentials	27 – 31 OCT 2024	Istanbul
MMS 144	Operation and Maintenance of Steam Boilers	03 – 07 NOV 2024	Paris
MMS 146	Bearing Lubrication and Vibration Analysis	10 – 14 NOV 2024	Istanbul
MMS 148	Engineering Aspects of Welding	17 – 21 NOV 2024	Jeddah
MMS 150	Rotating Equipment: Start-up, Operation, Maintenance and Troubleshooting	24 – 28 NOV 2024	Istanbul
MMS 152	Principles and Components of Hydraulic Systems	01 – 05 DEC 2024	Austria
MMS 154	Certified Condition Monitoring Engineer	08 – 12 DEC 2024	Cairo
MMS 156	Process Control Valves and Actuators	15 – 19 DEC 2024	Istanbul
MMS 158	Couplings and Shaft Alignment	22 – 26 DEC 2024	Jeddah
MMS 160	Gears Types, Installation and Maintenance	29 DEC – 02 JAN 2025	Istanbul