2022 TRAINING CALENDAR

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3-DAY COURSES (2.4 CEUs) | Virtual Delivery Options

COURSE	TARGET SKILLS	TARGET AUDIENCE	DATES
Leading Reliability Improvement	Learn strategies required for leading asset reliability improvement initiatives to attain a higher likelihood of success, from assessing current state to designing organizational structures and strategies.	Managers, Directors, Vice Presidents, and anyone whose role has the ability to influence and control the learning items	March 1-3 (SC) June 21-23 (SC)
Reliability Fundamentals	Learn the principles of improving asset management and maintenance decision making using proven reliability principles.	Maintenance Managers, Reliability and Maintenance Engineers, Top Level Maintenance Technicians, Production Managers, Plant Engineers, and anyone involved in Reliability strategies	February 1-3 (SC) July 19-21 (SC)
Condition Monitoring Fundamentals	Learn the fundamental principles behind the 5 predictive technologies most prevalent in industry today.	Managers, Engineers, Planners and Supervisors who are responsible for metrics, tracking and use of information generated by CM programs	March 22-24 (SC) August 2-4 (SC)
Planning & Scheduling Fundamentals	Use the most effective maintenance planning and scheduling practices to manage and prioritize backlog and efficiently use labor and resources.	Maintenance Planners and Backups, Coordinators, and Supervisors or Managers, Operations or Production Coordinators, and Outage Managers	January 25-27 (SC) June 14-16 (SC)
Intermediate Planning & Scheduling	Manage the life cycle of work from work identification to work order closing.	Maintenance Planners, Operations or Production Coordinators, Reliability Engineers, and Maintenance Managers	May 3-5 (SC) October 4-6 (SC)
Shutdown, Turnaround, Outage (STO)	Gain practical and immediately transferrable knowledge on the preparation and management of industrial STO events.	Maintenance or Operations Superintendents, Maintenance Managers, Shutdown Managers, Maintenance Planners, Reliability Engineers, and anyone involved in STO events	March 29-31 (SC) August 30-Sept 1 (SC)
Root Cause Analysis (RCA)	Solve plant equipment problems as you learn facilitation skills for an effective RCA. Develop, select, and implement effective corrective actions.	Managers, Supervisors, Engineers, Reliability Engineers, Craftspeople	May 17-19 (SC)
Basic Reciprocating Analysis	Learn the basic applications of reciprocating compressor analysis data, how the data is generated, what it means, and how it relates to machinery health and safety.	Engineers and Process and Maintenance personnel	March 15-17 (TX) July 26-28 (TX)
Advanced Reciprocating Compressor Analysis	Learn advanced applications of reciprocating compressor analysis data and how to apply the results to everyday compressor operation.	Engineers, In-house Analysts, and Process and Maintenance personnel	April 12-14 (TX) September 13-15 (TX)
Developing Effective Work Procedures	Design, develop, and construct effective work procedures, including Job Plans.	Planners, Maintenance Engineers, and Reliability Engineers	October 25-27 (SC)

1-DAY COURSES (0.8 CEUs)

COURSE	TARGET SKILLS	TARGET AUDIENCE	DATES
Reliability Improvement Roadmap Workshop	Develop an understanding of the challenge of initiating a reliability improvement program. Leave with a set of tools to get started.	Managers, Directors, Vice Presidents, and anyone whose role has the ability to influence and control the learning items	February 9 (SC) July 13 (SC)
Introduction to Reliability Centered Lubrication (RCL)	Become familiar with the parameters required to develop, implement, and maintain a high-quality lubrication and contamination control program.	Lubrication Program Managers and Supervisors, Maintenance Managers and Supervisors, and Reliability Program Managers	February 8 (SC) July 12 (SC)

MOBIUS INSTITUTE TRAINING & CERTIFICATION FROM ALLIED RELIABILITY

NOTE

Prior experience is not required to attend the Mobius training courses, but there are experience requirements for certification. ARP - A require 6 months of general industrial experience; 2 years of general industrial experience is required for ARP - E. Category I Vibration requires 6 months of related experience; Category II requires 18 months.

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ASSET RELIABILITY PRACTITIONER (ARP) TRAINING & CERTIFICATION			
ARP – A Reliability Advocate	Understand why improvement is desired, why failure occurs, and what we can all do about it. Take what you learn to justify a new program, expand your existing program, or to simply breathe new life into a stale program.	Everyone working within an organization who in any way influence the management, design, engineering, procurement, maintenance, or operation of an organization that involves critical rotating machinery and electrical equipment	February 21–25 (TX) July 25–29 (SC)
ARP - E Reliability Engineer	Justify and prioritize activities and take all necessary steps to engineer a successful reliability and performance improvement initiative.	Industrial Reliability Engineers and anyone else in the organization who desires to have an in-depth knowledge of the reliability and performance improvement process	June 6–10 (TX) November 14–18 (SC)
ARP - L Reliability Program Leader	The emphasis on this course is how to generate business value, develop and implement a strategy, and create the right culture, although we do summarize the technical elements.	Individuals responsible for running a successful reliability and performance improvement initiatives	March 14–18 (SC) August 15–19 (TX)
VIBRATION ANALYST TRAINING & CERTIFICATION			
ISO 18436 Category I Basic	You will come away from this course with a very good understanding of vibration analysis fundamentals, you will understand how to take good measurements, and you will be ready to begin analyzing vibration spectra.	New Vibration Analysts, people collecting vibration data, and those who want a better understanding of vibration analysis and condition monitoring	January 18–21 (SC) June 21–24 (TX)
ISO 18436 Category II Intermediate	You will come away from this course with a very good understanding of vibration analysis fundamentals, and you will be competent in quality data acquisition and diagnosing common machine faults.	Personnel who have at least 12 months vibration analysis experience and a thorough understanding of vibration theory and terminology	April 25–29 (SC) September 19–23 (TX)
ISO 18436 Category III Intermediate	You will come away from this course with an indepth understanding of diagnostic measurement techniques and the associated applications of the techniques.	Personnel who have at least two years vibration analysis experience and Category II certification by a recognized certification body	May 23–27 (TX) November 7–11 (SC)
ULTRASOUND ANALYST TRAINING & CERTIFICATION			
ISO 18436 Category I (UCAT-I)	You will gain a solid understanding of the fundamentals of ultrasound, lubrication, and leak detection.	Ultrasound or technician analysts who will collect ultrasound data to detect fault conditions in rotating machinery, electrical equipment, and a host of other equipment.	February 8–11 (TX) September 27–30 (SC)

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