



5 Pillars of Maintenance Excellence

Course Overview

The Certified Maintenance & Reliability Professional (CMRP) program is the #1 credential program for the knowledge, skills, and abilities of M&R professionals. Assessing more than just textbook knowledge, the exam tests and validates the skills and abilities of maintenance and reliability professionals according to the objective SMRP Body of Knowledge (BoK).

The CMRP is the only certification program of its kind accredited by the American National Standards Institute (ANSI), which follows the globally recognized ISO standards for its accreditation purposes. The test is a thorough examination of a broad scope of expertise measured against the universal standard. It was developed to assess professionals' aptitude within the five pillars of the SMRP BoK: Business & Management, Manufacturing Process Reliability, Equipment Reliability, Organization & Leadership, and Work Management.

5 Pillars of Maintenance Excellence is a 4 day, interactive training course designed to provide candidates sitting for the CMRP exam with the basic understanding of the five pillars. Each section of the course covers elements of the five areas of the SMRP BoK. Many individuals experience tremendous stress taking exams, at the end of each section, we provide a series of sample test questions that will prepare the exam taker and allow them to feel more comfortable and confident during the exam.

Learning Objectives

- **Improve** your understanding of the BoK five pillars
- **Understand** the importance of the BoK five pillars and ISO 55000 relationship
- **Identify** opportunities in your own workplace for improvement
- **Define** best practices within the M&R setting
- **Explore** how to apply the essentials of the five pillars into daily activities
- **Develop** personal goals to take the next step in your career and be recognized as a true M&R leader



Course Format

This course will be held in a highly interactive workshop format with case studies and real-world examples.

The material has been designed using Adult Learning Methodology that believes the ideal ratio for optimum learning and retention is 60%/40%:

60% - blended combination of discussion, practical exercises, simulations, and case studies

40% - material/slides

Participants will engage in interactive exercises and discussions throughout the course to ensure the material is not only taught, but can also be applied. Limited class size (15-20 participants) is strictly enforced to enhance individual learning experiences and interaction with the instructor and other participants.

Course Outline

- Pillar 1 – Business & Management
- Pillar 2 – Manufacturing Process Reliability
- Pillar 3 – Equipment Reliability
- Pillar 4 – Organization & Leadership
- Pillar 5 – Work Management
- CMRP Examination

CMRP Exam

The afternoon of the third day, candidates will sit for the CMRP exam administered by a certified SMRP Proctor. The exam results will be submitted to the SMRP/CMRP certifying body for review and results will be communicated directly to the delegate.

Takeaways

- Certificate of Attendance
- Training Manual
- Worksheets/Exercises
- Contact Information of Instructor for Support

Who Should Attend

5 Pillars of Maintenance Excellence was designed specifically for individuals participating in or aspiring to further their professional careers and accreditation.

By Job Title:

- PM/Maintenance Preparers
- Managers/Supervisors/Leadership
- Reliability Engineers
- Technical Authorities
- Maintenance Leads/Supervisors
- Lead Technicians & Operators
- Operation Supervisors
- Improvement Leaders
- Maintenance & Reliability Professionals

By Sectors:

- Bio Pharmaceutical
- Facilities
- Food and Beverage
- Manufacturing
- Mining
- Oil & Gas Upstream & Downstream
- Petrochemical/Chemical
- Power Generation
- Utilities & Transportation