



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 M&R 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.

Nexus Global's 5 Pillars of Maintenance Excellence training is a highly interactive course designed to provide a basic understanding of the five areas within the SMRP BoK. With each section covering elements of the five pillars, a series of sample test questions are provided to help prepare candidates and promote confidence during the exam. Facilitated by a fully qualified CMRP professional and approved CMRP Exam Proctor, the course material can be applied when sitting for the CMRP Exam or for obtaining recertification credits on various continuing education requirements.

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
- Practice/Prep Exam
- CMRP Examination (Optional - Classroom Only)

CMRP Exam

Upon completion of the course, candidates will have the option to sit for the CMRP exam administered by a certified SMRP Proctor. CMRP exam 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



Virtual Instructor Led Training

- 20 course hours, class schedules vary
- Class size limited to 12 participants
- CMRP Exam (Not Administered Virtually)
 - Schedule an exam at a volunteer proctored exam session
 - Test at a local Pearson VUE testing center