

*Free Guide*

# CMRP: Certified Maintenance and Reliability Professional



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# What is a Certified Maintenance and Reliability Professional (CMRP)?

A CMRP certification is a globally recognized certification offered by the Society for Maintenance and Reliability Professionals (SMRP). It focuses on five “pillars” of expertise in the SMRP’s Body of Knowledge, which encompasses maintenance, reliability, and physical asset management within industrial environments.

The five pillars that support a CMRP certification include:

- Business and management
- Equipment reliability
- Manufacturing process reliability
- Organization and leadership
- Work management

## Who needs a CMRP certification?

A CMRP certification is not mandatory, but is often valuable for organizations that employ maintenance technicians or other roles in which the maintenance of physical assets is important. These might include organizations within the following industries

- Manufacturing
- Energy
- Chemical
- Pharmaceutical
- Transportation and logistics

# How to become a Certified Maintenance and Reliability Professional

Earning a CMRP certification requires candidates to submit an application, pay exam fees, and pass an exam. Exam fees are USD \$250 for SMRP members and \$300 for non-members.

The CMRP exam assesses knowledge and competency in four areas:

- Maintenance practices
- Preventative and predictive maintenance
- Troubleshooting and analysis
- Corrective maintenance

The exam is “experience-based” – meaning candidates are unlikely to pass unless they possess real-life work experience. It consists of 100 “active” questions and 10 “pre-test” questions.

## Renewal requirements for a CMRP certification

A CMRP certification is valid for three years. To renew it, candidates must earn 50 “course hours” from SMRP-approved activities, which are outlined in the SMRP’s Recertification Handbook (linked below). They must also pay a recertification fee.

## The benefits of a CMRP certification

A CMRP certification offers several benefits to organizations. Some key advantages include the following.



### **Improved asset performance**

CMRP-certified individuals have the skills to boost equipment uptime, reduce breakdown time, and improve overall asset efficiency.



### **Optimized maintenance strategies**

CMRP certifications can contribute to the development and implementation of optimized maintenance strategies, which in turn lead to cost savings and improved efficiency.



### **Reduced downtime**

CMRP-certified professionals can identify and address issues proactively, reducing the impact of equipment failures on production schedules.

## **Challenges in obtaining a CMRP certification**

Earning a CMRP certification may pose several challenges to organizations. They include the following.



## **Gaining knowledge and expertise**

Because the CMRP exam is experience-based, candidates must possess knowledge and expertise acquired on the job rather than through traditional education.



## **Exam preparation**

The CMRP exam is known for its challenging nature, meaning exam preparation is often a time-consuming and resource-intensive process.



## **Evolving practices**

New technologies, processes, and practices in maintenance and reliability mean that candidates must stay current should they want to recertify.

# **Tips and strategies for CMRP certification**

Here are a few tips for preparing for a CMRP certification.

- Use the [practice exams](#) provided by the SMRP
- Study the [SMRP's Body of Knowledge](#)
- Read through the [CMRP Roadmap](#)
- Develop a thorough understanding of the [CMRP Candidate Handbook](#)

## Resources for CMRP certification

For more information and guidance on CMRP certification, you can refer to the following resources.

**Society for Maintenance and Reliability Professionals (SMRP).** The [SMRP's website hosts a wealth of resources for CMRP certification](#). These include practice tests, a Candidate Handbook – which provides a deep dive into both the certification and recertification processes – a CMRP Roadmap, a Recertification Handbook, and the SMRP's Body of Knowledge.

## Skills management for CMRP certifications

AG5 stores all certifications in the cloud, providing all authorized personnel with access to the right version of approved certifications. This helps you easily keep track of all data and documentation related to CMRP certifications across your organization.

Using AG5's skills management software, you can monitor the status of any type of certification that is relevant to your workforce, leveraging intuitive dashboards that provide you with a clear understanding of exactly what is needed to keep your employees skilled and safe.

[Book a demo](#)

## **FAQs about CMRP certification**

### **What is the scope of a CMRP certification?**

A CMRP certification covers maintenance practices, preventative and predictive maintenance, troubleshooting and analysis, and corrective maintenance in industrial environments.

### **Is a CMRP certification mandatory?**

No, a CMRP certification is not mandatory.

## **How long does it take to obtain a CMRP certification?**

Certification time will vary depending on the candidate's work experience, but certification typically takes several months.

## **What are the cost considerations for a CMRP certification?**

The main cost considerations for CMRP certification are exam fees and recertification fees.

## **What is the validity period of a CMRP certification?**

A CMRP certification is valid for three years.

## **Can a CMRP certification be integrated with other management systems?**

Yes, a CMRP certification can be integrated with other management systems, such as ISO 55001 for asset management.

## **How can you learn more about a CMRP certification?**

Visit the [Society for Maintenance and Reliability Professionals \(SMRP\)'s website](#).

## **Sources**

- [Society for Maintenance and Reliability Professionals \(SMRP\)](#)

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## Revisions

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