

CMS: Professional Certification for Metrologists

Why Metrology Certification is Important for Practitioners and Employers

3D Metrology is being integrated into manufacturing processes at a rapid rate. Data collection technologies that were once the domain of scientists, engineers, and mathematicians are now being used by technicians and shop-floor personnel for industrial applications and beyond. Measurement equipment is calibrated and certified to performance standards, but most of the personnel operating this equipment are not certified. Many operator-induced variables can dramatically influence the quality of the data collected and the effectiveness of dimensional controls.

The Coordinate Metrology Society responded to the rising demand for a professional Certification program driven by a retiring workforce, new skill requirements from industry, and the ever-increasing need for metrology expertise. Today, CMS Certification credentials aid in quantifying a potential employee or service provider's knowledge of metrology, which is essential to ISO certified manufacturers and companies with Quality Management Systems.

The Coordinate Metrology Society Certification program provides a mechanism to address current issues and is available for both experienced and beginners too the field of coordinate metrology. The Certification program allows beginners to gage their current knowledge and understanding through the Metrologist in Training test or alternatively experienced users of Laser trackers, Portable Arms, Coordinate Measuring Machines and Handheld scanners can be certified for their knowledge and understanding and Practical use of the equipment.

The process to engage in the program requires completion of a series of tasks that identifies the correct certification and associated evidence to successfully achieve the appropriate cut scores. The following information describes the process and requirements for an application to engage in one or more of the certifications. The instructions include how to submit references and how to apply for the CMS Certification.

For questions and assistance in applying for the CMS Certification Exam, please email: Certification@CMSC.org or call 351.216.9575 (Tom Kinnare).

How to sign-up for the CMS Certification:

1. www.CMSC.org/cms-certification-application
2. Once reviewing the introductions, under “**The Application Process and Reference Forms**”, open and edit both the “Application” and “Reference” pdf’s.
3. Complete the Reference form headers and forward the form to your References with a link to the Metrology Certification webpage.
4. Please provide your **References** with the following instructions:
 - a. Scroll to the bottom of www.CMSC.org/cms-certification-application
 - b. Under the **Upload Completed Reference Form**, you will see “**APPLICANT INFORMATION REQUIRED**”

Upload Completed Reference Form

APPLICANT INFORMATION REQUIRED

First Name *

Last Name *

Email *

Completed Reference Form *

No file chosen

protected by reCAPTCHA
Privacy Terms

- c. Complete Applicant Information: First, Last name and Email Address.
 - d. Use the Choose File button to search for the completed application.
 - e. Submit.
5. You as the **Applicant**, will need to complete the formal application.
 6. Select the test submission cells that match the test you want to take.
 - a. Level One – 3D Portable (includes Laser Tracker, Articulating Arm, Handheld Scanner)
 - b. Level One – CMM (Traditional)
 - c. Level Two – CMM (Traditional)
 - d. Level Two – PCMM (Laser Tracker)
 - e. Level Two – PCMM (Articulating Arm)
 - f. Level Two – PCMM (Handheld Scanner)
 7. Within each of the selected test submission areas (above), upload your Application Form, choose where you will be taking the Exam in the drop-down menu.
 8. How to Pay the CMS test fees.
 - a. www.CMSC.org/certification/checkout.php (Or place cursor over Certification tab, choose Certification Payment.)
 - b. Complete the required fields, select the “Certification Type”, then Submit.
 - c. Fill out the Credit Card Info and Complete Purchase.

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