

QUALITY CONTROL OFFICER



N.O.C. 1523

DESCRIPTION:

Develops, directs and coordinates the quality control program for staff involved in the collection and analyzing of construction material samples. They review laboratory practices and procedures to ensure that compliance with quality assurance and safety standards are met.

ONE OUT OF EVERY 17 CANADIAN WORKERS

EARN A LIVING IN CONSTRUCTION

SKILLS

- Read and understand work-related materials.
- Skills such as problem solving, research, teamwork, presentation, training and communication
- Ability to maintain an overview of entire project while continuing to attend to details
- Understanding of the code, specifications and regulations related to the construction industry
- Prepare and maintain various reports on the progress of work, materials used, rates of production etc.

DUTIES

- Establish, develop, compile and monitor the laboratory quality assurance program and data
- Evaluate safety practices and procedures with respect to laboratory and field analytical work
- Prepare reports for management and agencies when required
- Maintain material safety data sheet records on chemicals and compounds used

EDUCATION

- Completion of High School Diploma
- Some jobs require a Civil Engineering Diploma
- Construction Quality Control courses offered in the industry

SALARY RANGE:

50,000 TO 100,000⁺

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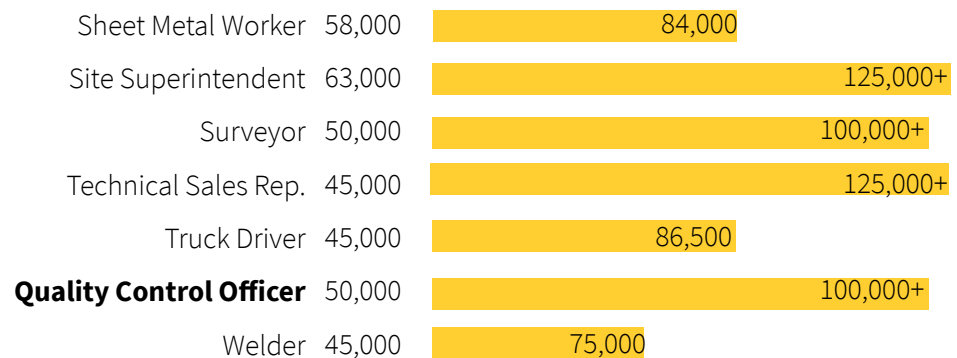
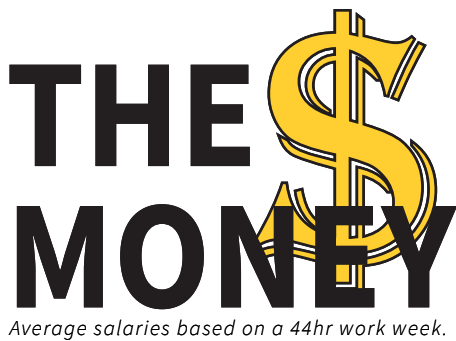
PROGRAM DESCRIPTION:

THE PROGRAM HAS BEEN DESIGNED TO PROVIDE STUDENTS WITH THE SKILLS AND KNOWLEDGE IN COMPUTER AIDED DRAFTING, COMPUTER APPLICATIONS, SURVEYING, LABORATORY TESTING (SOIL, CONCRETE AND ASPHALT), CONSTRUCTION ESTIMATING, BASIC STRUCTURAL DESIGN IN STEEL, REINFORCED CONCRETE AND TIMBER, DESIGN OF WATER DISTRIBUTION AND SEWAGE COLLECTION SYSTEMS, GEOTECHNICAL ANALYSIS AND FOUNDATION DESIGN, ROAD AND HIGHWAY ANALYSIS AND DESIGN, CONSTRUCTION INSPECTION, PROJECT MANAGEMENT, AND WRITING TECHNICAL REPORTS AND CORRESPONDENCE.

WHERE TO STUDY IN ONTARIO:

CAMBRIAN COLLEGE CIVIL ENGINEERING TECHNICIAN
GEORGIAN COLLEGE CIVIL ENGINEERING TECHNICIAN
LOYALIST COLLEGE CIVIL ENGINEERING TECHNICIAN
MOHAWK COLLEGE CIVIL ENGINEERING TECHNICIAN
NIAGARA COLLEGE CIVIL ENGINEERING TECHNICIAN

NORTHERN COLLEGE CIVIL ENGINEERING TECHNICIAN
SENECA COLLEGE CIVIL ENGINEERING TECHNICIAN
SAULT COLLEGE CIVIL ENGINEERING TECHNICIAN
ST.CLAIR COLLEGE CIVIL ENGINEERING TECHNICIAN



GETTING STARTED

THE OCCA CAN HELP YOU EXPLORE THESE THREE PATHWAYS:

- 1** You can begin by applying for a job directly in the Construction Industry. Once you begin working with a Construction Company or Contractor you will quickly gain the necessary skills needed to advance yourself through in-house, work-as-you-learn training.
- 2** You can enroll in a University, Community College or a Private Technical School to study and prepare yourself for a Career in Construction. All of this information may be found through our website.
- 3** You can get started through an apprenticeship program by combining on the job training with technical in-class training, gaining experience and increased responsibility. You can work in the industry, get paid, and work towards earning credits.

IF YOU ARE INTERESTED IN A CAREER IN CONSTRUCTION PLEASE CONTACT:

info@myOCCA.ca

www.myocca.ca

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OCCA

Ontario Construction Careers Alliance