



MANITOBA
CONSTRUCTION
SECTOR COUNCIL

MCSC PROGRAMS

BLASTER IN TRAINING CERTIFICATE

PROGRAM DESCRIPTION

In 2015, Austin Powder Limited and Hugh Munro Construction Ltd (HMCL) approached MCSC to develop a blaster in training program that would address training gaps identified by the heavy construction and surface mining industries.

The Blaster in Training Program is designed as an independent study program for the skilled construction laborer or blaster trainee working for road construction or surface mining companies in remote regions of the province.

The 10 modules allow students to build on prior experience and work independently at their own pace with the support of a mentor blaster on the work site. Course materials include videos, review questions, case studies, personal log, reading resources and worksite documents that are relevant to the role and responsibilities of the blaster. Each module includes five worksite assignments that allow for immediate application of new learning and feedback from an experienced blaster. Upon completion of the program, participants will be prepared to write the Manitoba Blaster Certificate Exam.

Career opportunities can be found in road construction and surface mining



10 MODULES

- Module 1:** Safety on the Shot
- Module 2:** Products and Loading Practices
- Module 3:** Initiation and Timing
- Module 4:** Blast Calculations
- Module 5:** Blast Design and Blast Layout
- Module 6:** Environmental Effects
- Module 7:** Blasting Regulations
- Module 8:** Blast Report
- Module 9:** Blast Planning
- Module 10:** Special Applications

HOW TO REGISTER

Contact the Manitoba Construction Sector Council at info@mbcsc.com

INDUSTRY PARTNERS



BLASTER IN TRAINING CERTIFICATE



PROGRAM OVERVIEW

Duration	<p>An independent study program</p> <ul style="list-style-type: none"> • 6 months to 1.5 years
Delivery	<ul style="list-style-type: none"> • A mentor blaster needs to be assigned by the company and • Approved/Registered with MCSC
Location(s)	<ul style="list-style-type: none"> • Students work independently, set their own schedule and work at their own pace • A mentor blaster is assigned to guide student learning
Entrance Requirements	<ul style="list-style-type: none"> • Must be 18 years of age • Clear driver's abstract • Clear criminal record • Must be able to pass a drug test • Construction experience preferred
Certification(s)	<ul style="list-style-type: none"> • After completing the coursework, students will receive a certificate from MCSC • After successful completion of the provincial examination, students will receive a second certificate from Safe Work Manitoba.
Certificate Completion Requirements	<p>Successful completion of the 10 modules, including:</p> <ul style="list-style-type: none"> • review questions • personal log • case studies • worksite assignments • mid and final performance reviews by the mentor blaster
Credit Transfer Opportunities	<p>Manitoba's Blaster Certificate Exam: http://safemanitoba.com/blasters-course-registration-information</p>

