

COMMON CORE FOR MUNICIPAL PIT/QUARRY WORKERS AND SURFACE MINERS



Since September 2002, all Heavy Equipment Operators and Truck Drivers who extract materials from a quarry or a sand pit are required by law to be trained. *The Mining Act* covers this new provincial regulation. For this reason, the operator is now defined as a Surface Miner.

What is the Surface Miner Program?

- ▶ Program #500100 is governed and enforced under the *Mining and Mining Plants Regulations (Ontario Regulation 854)* of the *Occupational Health and Safety Act*, as such training and demonstration of skills outlined in these Training Standards for the program must be in compliance with the relevant mining regulations.
- ▶ This training was developed by the Program Development and Standards Unit of the Ministry of Training, Colleges and Universities (MTCU) in consultation with representatives from the industry. These Training Standards are intended to be used by workers/trainees, instructors and companies as a “blueprint” for training or as a prerequisite for MTCU accreditation/certification.
- ▶ Accreditation Requirements for the Municipal Pit and Quarry Worker Program: One accreditation is available in the Municipal Pit and Quarry Worker program: a Certificate of Achievement (C of A).

- ▶ To be eligible for the C of A, the worker must complete the full common core plus all 5 specialty modules.
- ▶ Workers previously accredited in the Common Core or corresponding specialty modules from the Surface Miner Program #770210 are deemed to have met the requirements for the corresponding modules under Program #500100.

What is the Common Core?

- ▶ All production employees, working full and part-time, in a Surface Mining operation, must be trained in the Surface Miner Common Core and the Specialty modules for machines they will operate.

Common Core Modules (Mandatory)

Modules to be completed, 3 of 3.

- ▶ U6320 Work Safely in the Municipal pit and quarry Environment.
- ▶ U6321 Lock out and Tag Mobile or Portable Equipment and Stored Energy.
- ▶ U6322 Operate Hand Tools.

Specialty Modules:

- ▶ U6323 Operate Hydraulic Excavator.
- ▶ U6324 Operate Bulldozer.
- ▶ U6325 Operate Grader.
- ▶ U6326 Operate Front End Loader.
- ▶ U6327 Operate Tractor Loader Backhoe
- ▶ The Common Core must be completed by workers within the first twelve months of their employment and must be completed before training can begin for any Specialty Modules.

Course Overview This twelve hour (2 day) training seminar covers the required areas of Safety in the Work Environment by examining and participating in workshops on the Basis of Safety for being at Work in a Surface Mine or at a Sand and Gravel Pit. Dealing with Hazardous Materials is covered by a thorough review of WHMIS. Also included in the Seminar is a review of Regulation 854 of the *Occupational Health and Safety Act*. Lock-Out-Tag-Out and Hand and Power tool safety is also covered.

Classroom Topics:

- ▶ Safety in the work environment
- ▶ Basis of safety—workshops
- ▶ Hazardous materials
- ▶ Applicable legislation
- ▶ Lock-out; tag-out
- ▶ Hand and power tool safety

Who Should Attend: All Heavy Equipment Operators and Truck Drivers who extract materials from a quarry or a sand pit are required by law to be trained. Please note that workers must be trained in their area(s) of work.

Learning Objectives: At the end of this program the student will be able to:

- ▶ Identify required areas of safety in a surface mine
- ▶ Classify hazardous materials according to WHMIS
- ▶ Explain the applicable legislation
- ▶ Work safely with hand/power tools
- ▶ Recognize main causes of lock-out, tag-out injuries.

About the Facilitator: Developed and delivered to you by **Lorne Bellamy**