

Title: Mobile Mining Equipment Mechanic

Code: 4738

Credits: 48

Duration: 720 hours

Training sector: Motorized Equipment Maintenance (10)

Certification of studies: Skills Training Certificate (STC) (awarded exclusively by the educational organizations)

Authorized in: 2014

Actualized in: 2014

Mandated school service centre or school board: du Lac-Abitibi

Participating school service centres or school boards: N/A

Occupation: Mobile Mining Equipment Mechanic

Program of study objectives: The mobile mining equipment mechanic maintains, diagnoses, and repairs all the mobile equipment necessary for the operation of a mining site. Work is carried out where the machinery is located or in the workshop in underground and surface mines.

Conditions of admission:

A person who meets the following conditions is eligible for admission to a program of study leading to an STC:

- 1** Has obtained at least Secondary III credits or the equivalent in the language of instruction, second language and mathematics;
 - or** Has obtained an Attestation of Equivalence of Secondary Studies (AESS);
 - or** Has successfully completed the General Development Test (GDT) with or without specific prerequisites.
- 2** Has interrupted their full-time studies for at least 12 months;
 - or** Is 18 years old when entering training;
 - or** Has obtained a Secondary School Diploma (SSD) or a Diploma of Vocational Studies (DVS) or their equivalent;
 - or** Meets the eligibility conditions of Emploi-Québec's workforce training measure.

This program is accessible via the [TCST-STC bridge](#).

PROGRAM OF STUDY CONTENT

AEP Code	Statement of the Competency	Hours
AEP 738-011	Determine their suitability for the trade and training process	15
AEP 738-022	Observe health and safety regulations	30
AEP 738-036	Inspect electronic and electrical systems	90
AEP 738-046	Inspect hydraulic and pneumatic systems	90
AEP 738-055	Perform heating, welding and cutting work	75
AEP 738-062	Search for technical information on mobile mining equipment	30
AEP 738-074	Perform maintenance and repair of charging and starting systems	60
AEP 738-082	Repair cabin components, accessories, and circuits on mobile mining equipment	30
AEP 738-094	Repair hydraulic equipment on mobile mining machinery	60
AEP 738-102	Repair pneumatic equipment on mobile mining machinery	30
AEP 738-116	Perform general maintenance of diesel injection systems and engine brakes	90
AEP 738-122	Secure an underground work area	30
AEP 738-136	Enter the workforce	90

Recognition of acquired competencies is possible for candidates enrolled in one of the following DVS programs of study: *Mécanique de véhicules lourds routiers* or *Construction Equipment Mechanics*.

Documentation available upon request

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| <input type="checkbox"/> Work Situation or Profession Analysis Report (Rapport de l'AST ou de l'AP) | <input checked="" type="checkbox"/> Program of Study (Programme d'études) | <input type="checkbox"/> RAC Tools (Instrumentation RAC) |
| <input type="checkbox"/> Proposed Training Plan (Projet de formation) | <input type="checkbox"/> Organizational Guide (Guide d'organisation) | |
| <input checked="" type="checkbox"/> Harmonization Table (Tableau d'harmonisation) | <input type="checkbox"/> Evaluation Framework (Cadre d'évaluation) | |