



Centre de formation
Vocational Centre



HIGH-PRESSURE WELDING

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TRAINING
600 HOURS

Centre
de services scolaire
des Mille-Îles



COMMISSION SCOLAIRE SIR-WILFRID-LAURIER
SIR WILFRID LAURIER SCHOOL BOARD

ONGOING
REGISTRATION



HIGH-PRESSURE WELDING



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450 491-8416

246 Allée du Golf Street, Saint-Eustache (Qc) J7R 0L3



REQUIRED PERSONAL QUALITIES AND SKILLS

- Professionalism
- Good hand-eye coordination
- Able to work in uncomfortable positions
- Meticulousness
- Dexterity
- Autonomy

CAREER OPTIONS

- Arc welder in a gaseous atmosphere
- Welder of pressurized fluid tanks
- Pipe-welder
- High-pressure welder

WORK ENVIRONMENTS

- Oil industry
- Mining industry
- Gas industry*

PREREQUISITES

- Persons who hold a DVS:
 - 5195: Soudage-montage
 - 1049: Soudage général
 - 5695: Welding and Fitting
 - 1549: General Welding
 or have been granted recognition of equivalent learning

OR

- Persons practising an occupation related to the program of study

An attestation of vocational specialty (AVS) will be issued by the ministère de l'Éducation et de l'Enseignement supérieur.

*In the gas industry, a certificate of qualification issued by Emploi Québec is required.

A TRAINING OF 600 HOURS OVER 17 WEEKS

PROGRAM CONTENT	HOURS
Determine one's suitability for the trade and the training process	15 h
Apply concepts related to standards and to the classification of pipes	30 h
Interpret drawings of pressure vessels	30 h
Prepare pipes	30 h
Weld pipes using the SMAW process in the 2G position	120 h
Weld pipes using the SMAW process	120 h
Weld mild steel and stainless steel pipes using the GTAW process	75 h
Weld pipes using the GTAW and SMAW processes	75 h
Weld aluminum pipes using the GTAW process	30 h
Weld pipes using the GMAW and FCAW processes	30 h
Torch braze pipes	15 h
Weld and repair pressure vessel components	30 h



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