

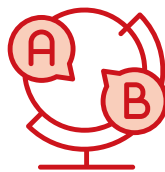


DEP 5695 WELDING AND FITTING

Soudage - Montage



Program Intake
January | May | September



Language of instruction
French or English



Location of the program
Québec City

To acquire the qualifications needed to get into the labour market; to acquire the qualifications needed to interpret plans, specifications and procedures; to acquire the qualifications needed to prepare and weld steel, stainless steel and aluminum parts according to different processes: SMAW, CTAW, GMAW, FCAW; to acquire the qualifications needed to carry out, modify and repair assemblies; to apply occupational health and safety rules; to control the quality of products built.



PERSPECTIVE JOB TITLE

- Welders and related machine operators

ADMISSION CONDITIONS

- First or second class with minimum 50% in core subjects in 10+2 or 50% in core subjects of the technical diploma course in the relevant field
- SDS-Countries: IELTS 6.0 (nothing less than 5.0 band in any individual 2 modules)
- Non-SDS Countries: IELTS 5.5 (nothing less than 5.0 band in any 2 individual modules) or equivalent language proficiency (TOEFL, CAE, DUOLINGO)
- SDS-Countries: Grade 12 (India) or Grade 12 or Bachelors (other regions)
- Non-SDS Countries: Grade 12 or Bachelors or Equivalent



PROGRAM CONTENT

- Determine their suitability for the trade and the training process
- Become aware of occupational health and safety rules
- Produce sketches and drawings
- Apply concepts of metallurgy
- Interpret drawings Determine and specifications
- Cut ferrous and nonferrous metals
- Use cutting and shaping equipment
- Prepare parts
- Apply the SMAW process
- Weld steel parts using the SMAW process
- Apply the GTAW process
- Weld steel parts using the GTAW process
- Weld aluminum parts using the GTAW process
- Produce basic assemblies
- Apply the GMAW process
- Weld steel parts using the GMAW process
- Weld aluminum parts using the GMAW process
- Reduce simple assemblies
- Apply the FCAW process
- Weld steel parts using the FCAW process
- Apply the SAW, RW and PAW processes
- Interpret drawings and specifications for complex assemblies
- Produce assemblies of medium complexity
- Communicate in the workplace
- Produce complex assemblies
- Modify assemblies
- Repair assemblies
- Use job-search techniques
- Enter the work force

*SDS Countries: Philippines, China, India, Pakistan, Morocco, Senegal, Vietnam.

**Non-SDS Countries / Visa application under General Category in a SDS Country: Middle East, North Africa (Morocco incl.), Sub Sahara Africa (Senegal incl.), LatAm / Br, South East Asia (Vietnam and Philippines incl.), CIS.

PROGRAM

Welding and Fitting

SANCTION

Diploma of Professional Studies (DEP 5695)

DURATION

2 Years / 4 Semesters

