

SCHEDULE “A”

Introduction to Aluminum Pipe Welding Program

Course Description

This 20-hour course has been designed to introduce experienced welders to 1G aluminum pipe welding using GTAW.

Course Dates and Format

Training will take place on the following dates:

April 19 th	12pm-4pm
April 26 th	12pm-4pm
May 3 rd	12pm-4pm
May 10 th	12pm-4pm
May 17 th	12pm-4pm

Total training: 20 hours

Course Location

NSCC Akerley Campus, Dartmouth

NS Course Content

1. Plan GTAW welding setup according to project requirements.
2. Perform GTAW welds on aluminum in all positions to Safe Work Procedures (SWP) and project requirements.
3. Evaluate welds using destructive and non-destructive testing according to process and project requirements.

This course will introduce the setup and safe use of equipment involved with GTAW welding and pipe positioners. General welding of aluminum 6” sch 40 pipe in the 1G position.

Topics Covered:

- Setup for GTAW equipment for welding aluminum.
- Instruction on the set up and operation of pipe positioner.
- Control settings
- Consumables
- Welds in the 1G position
- Destructive and non-destructive testing methods
- Troubleshooting

NSCC Credential

Record of Participation