The course focuses on pipe welding techniques and applications. Concentrates on the vertical and horizontal weld positions on 3” pipe. Topics will include welding equipment (proper setup, shut down, welding cables and sizes, maintenance), OSHA welding and safety rules, blueprint reading and measurements, use and safety of grinders and tools, personal protective equipment, and preparing metal for welding. Emphasis will be on technique, and the ability to identify speed, puddle, and proper welding position.

Prerequisites: Must take SMAW Welding (Stick) prior to enrolling into this welding program.