

Advanced Arc Welding



Description

This course is designed to teach persons to make all positions fillet welds on a variety of structural shapes. Intro to groove welding. All welding done on Mild Steel material. This course prepares people for code welding to the code that most suits the customers needs. Example: ASME/AWS/API, etc.

Outline

- Arc Welding Process Overview
- Arc Welding Safety
- Arc Welding Power Sources
- Arc Welding Consumables (Filler Metals/Electrodes) Base Metals

Prerequisites

Participants should possess at least an entry level knowledge of welding. (Basic Arc Welding)

Course Length

120 hours.

Performance Objectives

At the completion of this course the participant will be able to perform all positions fillet welds on a variety of structural shapes. Students will be able to perform multi-pass welds on structural shapes. This course is a prerequisite to welder certification. Certification is not a part of this class. However, it is the preparation leading up to it.