

WDT 217: SMAW Carbon Pipe Theory

This course introduces the student to the practices and procedures of welding carbon steel pipe using the shielded metal arc weld (SMAW) process. Emphasis is placed on pipe positions, electrode selection, joint geometry, joint preparation and fit-up. Upon completion, students should be able to identify pipe positions, electrodes, proper joint geometry, joint preparation, and fit-up in accordance with applicable codes, perform those operations as per the applicable welding code.

Credits: 3

Lab Hours: 2

Lecture Hours: 1

Prerequisites:

WDT 120.

Co-Requisites:

WDT 257.

Program: [Welding](#)