



Course Outline

Gas Tungsten Arc Welding (Steel and Stainless Steel-Vertical)



HFC Course Code: CIMWD-122

Course Topic: Gas Tungsten Arc Welding (Steel and Stainless Steel-Vertical)

Recommended Textbook: Welding: Principles and Applications 7th Edition

Course Description:

Covers theory and operation of gas tungsten arc welding. Emphasizes proper safety protocols and vertical welding position using mild steel and stainless steel.

Course Topics

1. Vertical welding position on steel.
2. Vertical welding position on stainless steel.

Course Objectives*

1. Demonstrate the proper welding technique in vertical position with steel.
2. Demonstrate the proper welding technique in vertical position with stainless steel.
3. Perform welds using proper preparation and welding technique for a given weldment.

*See Projects for more details.

Lectures

1. Vertical Up Positioning





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