



Lecture Outline

Weld Joint Design and Preparation – Print Reading



HFC Course Code: CIMWD-100

Course Topic: Weld Joint Design and Preparation – Safety and Joint Design

Lecture: Print Reading

Lecture Outline:

- I. Groove Weld
 - A. Bevel
 - B. V Groove
 - C. U Groove
 - D. J Groove
- II. Fillet Weld
- III. Slot or Plug Weld
- IV. Spot Weld
- V. Butt Joint
- VI. Lap Joint
- VII. Tee Joint
- VIII. Edge Joint
- IX. Corner Joint
 - A. Inside Corner
 - B. Outside Corner
- X. Flat Position (1)
- XI. Horizontal Position (2)
- XII. Vertical Position (3)
 - A. Vertical Up
 - B. Vertical Down
- XIII. Overhead Position





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