

WELDING AND CUTTING TESTING GUIDELINES

Welding –

Arc

The welders that will be used are Lincoln AC/DC analog.

The rod is 1/8th 6011

Metal thickness will be 3/16"

Metal material will either be flat plate and/or pipe

Welding positions – expect to weld in a Flat, Horizontal, or Vertical (up or down)

MIG

The welders that will be used are Lincoln digital control wire feed.

Wire is .035 wire

Using CO2 gas

Metal thickness will be 3/16"

Metal material will either be flat plate and/or pipe

Welding positions – expect to weld in a Flat, Horizontal, or Vertical (up or down)

Cutting

Oxy/Fuel cutting system

Students will need to Set up Station (Bottles, regulators)

Set appropriate flame,

Cut material – 3/16"

Shut down system (bottles, regulators, bleed lines)

Heating

Oxy/Fuel cutting system

Students will need to Set up Station (Bottles, regulators)

Set appropriate flame,

Heat/Bend Material – Possible ½ cold roll

Shut down system (bottles, regulators, bleed lines)