

Assessment: Linn-Benton Manufacturing Assessment 2011
Standard Set: Manufacturing
Filters:
All Standards
1) MANUFACTURING
1) 1-B: SAFETY & HEALTH OF WELDERS
1) 1. Demonstrates proper use and inspection of personal protection equipment (PPE).
2) 2. Demonstrates proper safe operation practices in the work area.
4) 4. Demonstrates proper Hot Zone operation.
5) 5. Demonstrates proper work actions for working in confined spaces.
7) 7. Demonstrates proper inspection and operation of equipment for each welding or thermal cutting process used.
2) 1-C: DRAWING & WELDING SYMBOL INTERPRETATION
1) 1. Interprets basic elements of a drawing or sketch.
3) 3. Fabricates parts from a drawing or sketch.
3) 1-D: SHIELDED METAL ARC WELDING (SMAW)
3) 3. Sets up for SMAW operations on carbon steel.
4) 4. Operates SMAW equipment on carbon steel.
4) 1-E: GAS METAL ARC WELDING [GMAW-S, GMAW (spray)]
1) 1. Performs safety inspections of GMAW equipment and accessories.
3) 3. Sets up for GMAW-S operations on carbon steel.
5) 1-G: GAS TUNGSTEN ARC WELDING (GTAW)
3) 3. Sets up for GTAW operations on carbon steel.
4) 4. Operates GTAW equipment on carbon steel.
6) 1-H: THERMAL CUTTING PROCESSES Manual Oxyfuel Gas Cutting (OFC)
1) 1. Performs safety inspections of manual OFC equipment and accessories.
2) 2. Makes minor external repairs to manual OFC equipment and accessories.
3) 3. Sets up for manual OFC operations on carbon steel.
4) 4. Operates manual OFC cutting equipment on carbon steel.
7) WDG1 General Welding
1) Identify basic hand tools (chipping hammers, brushes, files, strikers)
2) Identify basic power tools (grinders, drills)
4) Identify joint types (butt, lap, T, corner, edge)
5) Identify welding positions according to AWS standards
6) Identify basic welding materials and shapes.
7) Identify welding processes.