



WELDING AND METAL FABRICATION

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Checklist Items

KEY BENEFITS

Strong Joints

Creates strong, permanent metal joints.

Manufacturing

Essential for manufacturing and construction.

Repair

Enables repair and restoration of metal items.

Fabrication

Allows custom metal fabrication work.

KEY HAZARDS & CONTROL MEASURES**Welding Fumes**

- ✓ Use local exhaust ventilation at source
- ✓ Work in well-ventilated areas
- ✓ Wear appropriate respiratory protection
- ✓ Health surveillance for regular welders

Fire & Burns

- ✓ Obtain hot work permit before starting
- ✓ Keep fire extinguisher within reach
- ✓ Clear area of combustible materials
- ✓ Wear flame-resistant clothing and gloves

UV Radiation

- ✓ Use correct shade welding lens for process
- ✓ Wear long sleeves and covered skin
- ✓ Screen work area to protect others
- ✓ Auto-darkening helmets where appropriate

Electric Shock

- ✓ Inspect equipment before use
- ✓ Avoid wet conditions
- ✓ Use dry, undamaged gloves
- ✓ Insulate from workpiece



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