

# Welding Process Work Instruction

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Revision: \_\_\_\_\_

Date: \_\_\_\_\_

Prepared by: \_\_\_\_\_

## 1. Scope

Describe the welding process, materials, and components this work instruction applies to.

## 2. References

- Applicable drawings, specifications, and standards

## 3. Materials & Equipment

Material/Equipment	Specification	Quantity

## 4. Procedure

1. Preparation (cleaning, fit-up, etc.)
2. Welding parameters (method, technique, current, voltage, etc.)
3. Execution (sequence, passes, etc.)
4. Inspection (in-process checks, visual, NDT, etc.)
5. Post-weld treatment (if applicable)

## 5. Safety Precautions

- PPE requirements
- Ventilation and fire safety
- Emergency procedures

## 6. Acceptance Criteria

Specify standards for weld quality, appearance, and dimensional tolerances.

## 7. Records

List records to complete and retain (e.g., inspection reports, welder log, etc.).

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