## AWS WELDING PROCEDURE QUALIFICATION RECORD

### Procedure Specification

- **Material Specification:**
- **Welding Process:**
  - Manual
  - Machine
- **Position of Welding:**
- **Filler Metal Specification:**
- **Filler Metal Classification:**
- **Weld Metal Grade:**
- **Shielding Gas Type:**
- **Shielding Gas Flow:**
  - Single Pass
  - Multiple Pass
  - Single Arc
  - Multiple Arc
- **Welding Current:**
- **Welding Progression:**
- **Preheat Temperature:**
- **Postweld Treatment:**
- **Welder’s Name:**

### Groove Weld Test Results

- **Reduced Section Tension Test**
  - Tensile Strength, psi:
    - 1.
    - 2.

- **Guided Bend Test**
  - Root
  - Face
  - Radiographic Examination

- **Fillet Test Results**
  - Min. Size Multiple Pass
  - Max. Size Single Pass
  - Macroetch
  - Macroetch
  - 1.
  - 3.
  - 1.
  - 3.
  - 2.
  - 2.

### Welding Procedure

<table>
<thead>
<tr>
<th>Pass No.</th>
<th>Electrode Size</th>
<th>Welding Current</th>
<th>Travel Speed</th>
<th>Joint Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Amperes</td>
<td>Volts</td>
<td></td>
</tr>
</tbody>
</table>

We the undersigned, certify that the statements in this record are correct and that the test welds were prepared, welded, and tested in accordance with the requirements of AWS D1.1, Structural Welding Code.

**Organization:** Los Alamos National Laboratory

Date: __________________________ Certified By: __________________________

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