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Revisions		Rev:	
Letter	E.O. Number - Description	Date	
Used On	Contract#:	Your Co	
Prepared By:			
Your Dept:			
Your Dept:		<b>WELDING PROCEDURE</b>	
Your Dept:			
Your Dept:		Size: <b>A</b>	CAGE: <input type="text"/>
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## 1.0 Scope

Provide a standard for achieving [REDACTED]

## 2.0 Guidelines

- 2.1 AWS A3.0, Standard Welding Terms and Definitions
- 2.2 AWS D1.1 Structural Welding Code

## 3.0 Equipment

- 3.1 Jigs and Fixtures
- 3.2 [REDACTED] welding equipment

## 4.0 Materials

- 4.1 AWS Welding Electrodes

## 5.0 Requirements

### 5.1 Component Cleanliness

The surfaces to be welded must [REDACTED]  
[REDACTED]

### 5.2 Welding Equipment

The welding equipment must [REDACTED]  
[REDACTED]

### 5.3 Fitup

Mating parts assembled for welding must [REDACTED]  
[REDACTED]

### 5.4 Weld Log

The weld log should be located near the machine and must [REDACTED]  
[REDACTED]

### 5.5 Control Adjustments

When adjustment of the weld schedule is desirable, the settings may be varied by [REDACTED] from the qualified values or by [REDACTED] when only one qualified setting is adjusted. Production welds must be made within [REDACTED] of the settings used on qualification test specimens. If satisfactory welding cannot be maintained within these limits of adjustment, welding must [REDACTED]  
[REDACTED]

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## 6.0 Workmanship

The quality of the welded assembly is determined according to the contract specified workmanship standard. Adherence to applicable federal, state, local and environmental, health and safety requirements is mandatory.

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(Template User Guide: replace demo content as required - delete this comment prior to release)

## ■ Welding Procedure Specification

Revisions		Rev:	Orig
Letter	E.O. Number - Description	Date	
Used On	Contract#:	Your Company Name	
Prepared By:			
Approved:			
		<b>WELDING PROCEDURE SPECIFICATION</b>	
		Size: <b>A</b>	Form Rev: Orig 1 of 1

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## 1.0 SCOPE

This welding procedure is valid using conditions and variables according to AWS D1.1. The Company establishes appropriate safety and health practices for each project. The user needs a significant knowledge of welding and must be certified prior to production welding using this procedure.

## 2.0 SUPPORTING DOCUMENTS

- 2.1 AWS A2.4, Standard Symbols for Welding, Brazing and Nondestructive Examination
- 2.2 AWS A3.0, Standard Welding Terms and Definitions
- 2.3 AWS A5.X, Filler Metal Specification
- 2.4 AWS D1.1 Structural Welding Code

## 3.0 PROCEDURES

- 3.1 Pre-Qualified Welding Procedure
- 3.2 Procedure Qualification Record
- 3.2 Welding Procedure Specification

### 3.1 PRE-QUALIFIED WELDING PROCEDURE

Material	[REDACTED]				
Welding Process	SMAW				
Manual or Machine	Manual				
Position of Welding	1F Flat, 2F Horizontal (replace with your position)				
Filler Metal Specification	[REDACTED]				
Shielding Gas	N/A	Flow Rate	N/A		
Single or Multiple Pass	Single (?)				
Single or Multiple Arc	Single (?)				
Welding Current	TBD				
Polarity	TBD				
Welding Progression	[REDACTED]				
	[REDACTED]				
	[REDACTED]				
				Travel Speed	Joint Detail
TBD	TBD	TBD	TBD	TBD	Corner Joint, Fillet Weld All Around ¼" (?)

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### 3.2 PROCEDURE QUALIFICATION RECORD

MATERIAL SPECIFICATION:

[REDACTED]

WELDING PROCESS:

Shielded Metal Arc Welding (SMAW)

MANUAL or MACHINE:

Manual

TENSILE STRENGTH, psi:

N/A

POSITION OF WELD:

1F Flat, 2F Horizontal (?)

GUIDED BEND TESTS:

N/A

ELECTRODE SPEC:

[REDACTED]

RADIOGRAPHIC EXAM NO:

N/A

ELECTRODE CLASS:

[REDACTED]

[REDACTED]

PRE-HEAT/POST-HEAT TEMP:

N/A

WELDER'S NAME:

Your Name

#### VISUAL INSPECTION (Class B Inspector)

APPEARANCE:

[REDACTED]

UNDERCUT:

None detected

POROSITY:

None detected

[REDACTED]

[REDACTED]

#### WELDING PROCEDURE

PASS NO:

[REDACTED]

[REDACTED]

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### 3.3 WELDING PROCEDURE SPECIFICATION

PROCESS:

BASE METAL: (replace with your metal)

[REDACTED]

BASE METAL THICKNESS RANGE:

1/2" to 3/4" (?)

WELD METAL THICKNESS RANGE:

1/4" (?)

MAXIMUM WELD BEAD THICKNESS:

[REDACTED]

[REDACTED]

GAS:

N/A

POLARITY:

TBD (Straight Polarity?)

TARGET AMPERES:

TBD

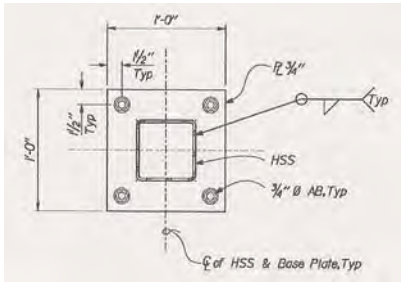
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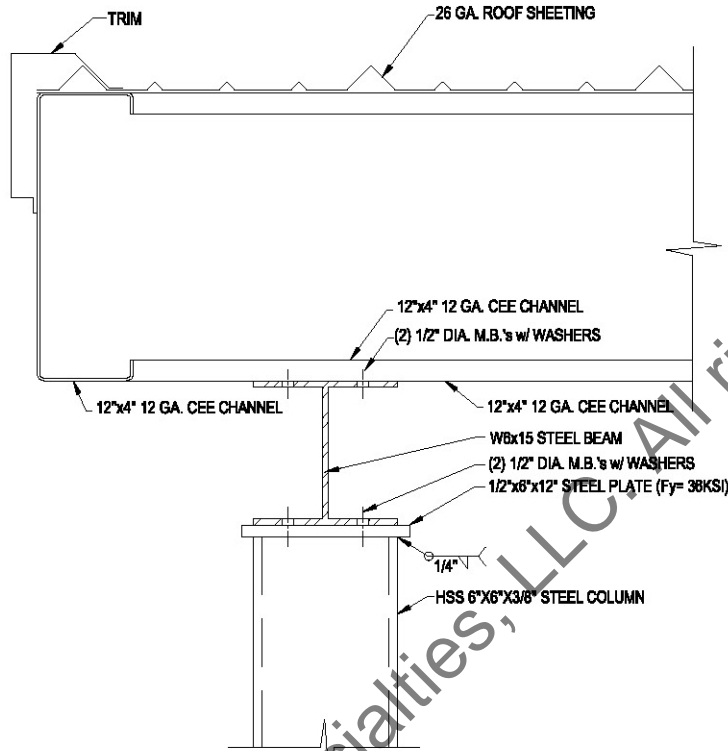
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### 3.4 WELDING PARAMETERS:



Replace with Your images



NOTE 1)

VT [REDACTED]

NOTE 2):

[REDACTED]

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