

REDACTED

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EDGE JOINT-1

Mo/Yr

Revisions		Rev:	
Letter	E.O. Number - Description	Date	
Used On	Contract#:	Your Co	
Prepared By:			
Your Dept:			
Your Dept:		WELDING PROCEDURE	
Your Dept:		Your #	
Your Dept:		Size: A	CAGE: <input type="text"/>
		Form Rev: Orig	1 of 1

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1.0 APPLICATION

This welding procedure is valid using conditions and variables outside the ranges listed in SAE-AMS-STD-2219 at paragraph 5.3.2 for Class C welds. The following SAE-AMS-STD-2219 paragraphs have been tailored to fit the application stated herein:

5.4.2.1 penetrant test; and 5.4.3.2 weld penetration.

MODIFICATIONS:

5.4.2.1 penetrant testing is not performed

5.4.3.2 penetration is not complete since the purpose of the weld is to provide an electrical connection

SAE-AMS-STD-1595 identifies minimum and maximum metal thickness range for application of this weld procedure. Metal thickness ranges outside the qualified limits require additional welder and procedure qualification. This procedure is applicable to [REDACTED]

2.0 REFERENCED DOCUMENTS (to the extent specified herein)

2.1 SAE-AMS-STD-2219, Fusion Welding for Aerospace Applications, Modified

2.2 AWS A 2.4, Standard Symbols for Welding, Brazing and Nondestructive Examination

2.3 SAE-AMS-STD-1595, Qualification of Aircraft, Missile and Aerospace Fusion Welders

2.4 Your #, Manufacturing Control Document

2.5 ASTM B 160, Nickel Sheet, Bar and Rod

3.0 SUPPORTING DOCUMENT

3.1 AWS A 3.0, Standard Welding Terms and Definitions

4.0 APPLICABLE DOCUMENTS (incorporated herein)

4.1 Welding Procedure Qualification Test Record

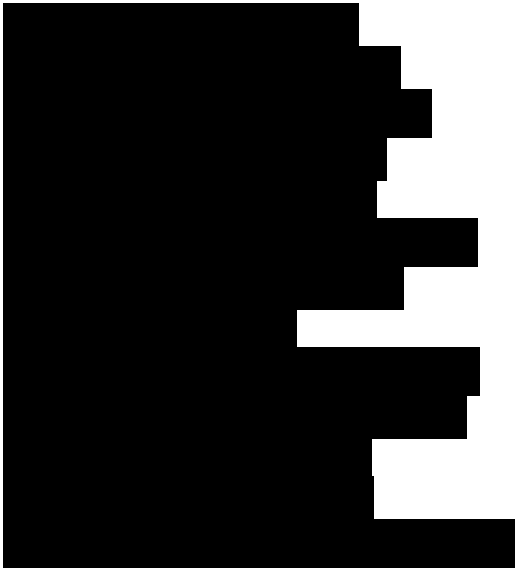
4.2 Welding Procedure Specification

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WELDING PROCEDURE QUALIFICATION TEST RECORD

MATERIAL SPECIFICATION:



WELDER'S NAME:

VISUAL INSPECTION (Class C Inspector)

APPEARANCE:



TEST DATE:

WITNESSED BY:

WELDING PROCEDURE

PASS NO:



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WELDING PROCEDURE SPECIFICATION

PROCESS:

ASTM B 160, Group IIIA

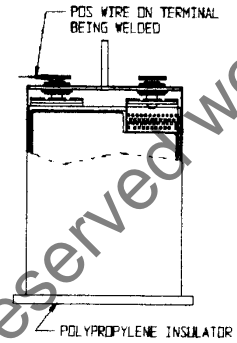
BASE METAL:

BASE METAL THICKNESS RANGE:

BACKING:

N/A

BACKING MATERIAL:



SINGLE OR MULTIPLE ELECTRODE:

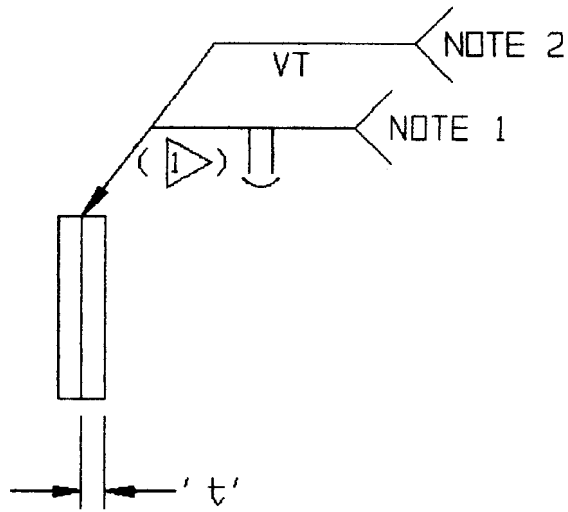
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SINGLE OR MULTIPLE PASS:

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WELDING PARAMETERS:

Figure 1



NOTE 1)

[REDACTED]

NOTE 2)

VT IAW SAE-AMS-STD-2219 and the following exceptions:

[REDACTED]

NOTE:

[REDACTED]

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