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# Fillet Welding Procedure

*Weld inspection before you  
weld The Fabricator.  
Introduction to Destructive*

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|                   |                |                  |
|-------------------|----------------|------------------|
| <i>Weld</i>       | <i>Testing</i> | <i>ESAB</i>      |
| <i>Knowledge.</i> |                | <i>Welding</i>   |
| <i>Procedure</i>  | <i>Arc</i>     | <i>Welding</i>   |
| <i>Machine</i>    | <i>Method</i>  | <i>Statement</i> |
| <i>HQ.</i>        | <i>Gas</i>     | <i>Tungsten</i>  |
| <i>Welding</i>    | <i>GTAW</i>    | <i>40 Hours</i>  |
| <i>Course.</i>    |                | <i>WELDING</i>   |

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*PROCEDURE*

*SPECIFICATION NO 1 12 1.*

*ASME 9 Introduction.*

*CHAPTER 6 WELDED*

*CONNECTIONS 6 1*

*INTRODUCTORY*

*CONCEPTS. Basic Welding*

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*Joints Butt welded and Fillet  
welded joints. American  
Welding Society Structural  
Steel Welding Code. Weld  
Types and Positions Weld  
Guru. 1 0 ACCEPTANCE  
CRITERIA FOR*

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*COMPLETED WELDS.*

*Welding Procedure*

*Specifications Technoweld.*

*FILLET WELD AND SOCKET*

*WELD PROFILES. NDT*

*Procedure for Weld Visual*

*Inspection. Inspection and*

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*Testing for Welding Procedure  
Qualification.                      Structural  
Welding Code? Stainless Steel.  
NORTH                                  CAROLINA  
DEPARTMENT                                  OF  
TRANSPORTATION      FILLET  
WELD.      7      Stud      Welding.*

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*FIELD WELDING  
PROCEDURES Connect  
NCDOT. Welding procedure  
Job Knowledge 39 twi global  
com. Welding Procedure  
Guide CWB Group. Prepared  
by WELDING PROCEDURE*

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*Identification DEMO SMAW.  
Chapter Weld Inspection and  
Repair g w. 8 3 Fillet Welds  
American Institute of Steel  
Construction. Field Welding  
Inspection Guide Ohio  
Department of. Fillet weld*

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*Wikipedia.*                      *WELDING*  
*PROCEDURE*  
*SPECIFICATION*   *WPS*   *Yes*  
*PREQUALIFIED.*        *STEEL*  
*REPAIR*            *PROCEDURES*  
*OPERATIONS*        *MANUAL.*  
*Evaluation of Fillet Weld*

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*Requirements 1501 S. FORM  
QW 482 SUGGESTED  
FORMAT FOR WELDING  
PROCEDURE. welding  
procedure and welder  
qualification. Volume 2  
WELDING FABRICATION*

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*PROCEDURE lanl gov.  
Structural Steel Welding  
American Welding Society.  
Fillet welded joints a review of  
the practicalities. Consider  
Penetration When  
Determining Fillet Weld Size.*

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*WELDING PROCEDURE  
SPECIFICATION. Welding  
Procedure Qualification BS  
EN Standard Welding Room.  
WeldNote Welding  
Management Software.  
Inspection and Testing for*

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*Welding Procedure  
Qualification. ASME SEC IX  
Welding Procedure and  
performance. Standard  
Methods for Mechanical  
Testing of Welds. Procedure  
Qualification Record*

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*gowelding com. Field Welding  
Procedures Manual  
Contractor Version. Welding  
Certification A Basic Guide  
from Structural to. Welding  
Procedures nwhydro org.  
Welding Steelconstruction*

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*info. Weld Joints g w. SMAW  
Fillet AWS 20D1 1 Scribd.  
Guide for Aluminum Welding  
MAXAL. Welding Procedure  
Specification WPS Sheet 1 of 3*

***Weld inspection before you***

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## *weld The Fabricator*

*April 10th, 2006 - Performing  
Qualifications In procedure  
qualification testing you ll  
encounter two main types of  
qualifications fillet weld and  
groove weld Fillet Weld*

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*Qualification'*

**'Introduction to Destructive  
Weld Testing ESAB  
Knowledge**

**April 30th, 2018 - Learn  
more about destructive weld**

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**testing methods including  
the macro etch test fillet  
weld break test and the  
guided bend test in this  
introduction to destructive  
welding test  
methods"**

**Welding Procedure**

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# **Arc Welding Machine**

## **Method Statement HQ**

April 30th, 2018 - Welding  
Procedure Arc Welding  
Machine insert the pipe to the  
flange bore up to 5mm depth  
from the flange face to give

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enough space for a fillet weld'

**'Gas Tungsten Arc Welding  
GTAW 40 Hours Course  
April 26th, 2018 - 2 3 Gas  
Tungsten Arc Welding  
Process welding procedures**

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**Demonstrate the ? Fillet  
Lecture Course handouts  
Sample joint'**

***'WELDING PROCEDURE  
SPECIFICATION NO 1 12 1  
May 1st, 2018 - national  
certified pipe welding bureau***

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*welding procedure  
specification no 1 12 1 for  
shielded metal arc welding  
smaw of carbon steel pipe  
valves fittings and flanges'*

**'ASME 9 Introduction**

May 2nd, 2018 - The main

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advantages of ASME welding  
procedures Unfortunately  
unlike EN287 a butt weld  
carried out in the flat position  
will not qualify a fillet weld in  
the"

**CHAPTER 6 WELDED  
CONNECTIONS 6 1**

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# **INTRODUCTORY CONCEPTS**

**May 1st, 2018 - CHAPTER 6  
WELDED CONNECTIONS**

**6 1 INTRODUCTORY  
CONCEPTS The shear  
failure of the fillet weld**

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**occurs along a plane through  
the throat of the weld  
as"Basic Welding Joints Butt  
welded and Fillet welded  
joints**

**April 28th, 2018 - Fillet  
welded joints Fillet welded**

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**joints such as tee lap and corner joints are the most common connection in welded fabrication In total they probably account for around 70 to 80 of all joints made by arc welding'**

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# **'American Welding Society Structural Steel Welding Code**

April 28th, 2018 - American  
Welding Society Structural  
Steel Welding Code'

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# **'Weld Types and Positions Weld Guru**

**April 30th, 2018 - Learn the  
different weld types and  
positions Illustrations of  
welding shapes including  
groove fillet surfacing plug**

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**Positions and procedures for  
welding pipe"1 0**

**ACCEPTANCE CRITERIA  
FOR COMPLETED  
WELDS**

**April 23rd, 2018 - 1 0**

**ACCEPTANCE CRITERIA**

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**FOR COMPLETED  
WELDS Welding  
Fabrication Procedure Rev 1  
FILLET WELD PROFILES  
AND SLIP ON SOCKET  
WELDED FLANGES  
WELD PROFILES" *Welding***

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***Procedure Specifications***  
***Technoweld***

*May 1st, 2018 - Technoweld  
are specialists in Welding  
Procedures and Welding  
Procedure Specifications a  
critical part of the welding*

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*quality puzzle*"**FILLET  
WELD AND SOCKET  
WELD PROFILES**

**April 26th, 2018 -**

**LANLEngineering**

**Standards Manual ISD 341 2**

**Chapter 13 Welding amp**

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**Joining Section WFP 2 15 ?  
Welding Fabrication  
Procedure Rev 1 10 27 06  
Attachment 2 Fillet Weld  
and Socket Weld Profiles'  
'NDT Procedure for Weld  
Visual Inspection**

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**May 2nd, 2018 - NDT  
Procedure for Weld Visual  
Inspection A 8 2 The  
reduction of the thickness of  
the base metal due to the  
welding process at the edges  
of the fillet weld'**

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# **'Inspection and Testing for Welding Procedure Qualification**

May 2nd, 2018 - Inspection  
and Testing for Welding  
Procedure Qualification

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Welding Procedures are the guidelines used to perform a weld and one fillet weld break test'

**'Structural Welding Code?**

**Stainless Steel**

April 24th, 2018 - 6 4

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Verification of Procedure  
Qualification Record PQR  
Welding Procedure  
Specification WPS 4 20 Fillet  
Weld Root Bend Test  
Specimens'  
***'NORTH CAROLINA***

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***DEPARTMENT OF  
TRANSPORTATION  
FILLET WELD***

*April 21st, 2018 - 27 1*

*NORTH CAROLINA*

*DEPARTMENT OF  
TRANSPORTATION FILLET*

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*WELD WELDING  
PROCEDURE  
SPECIFICATION WPS AWS  
D1 5 Specifications amp  
Codes NCDOT Standard  
Specifications AASHTO AWS  
D1 5 Section 2 5 and 12"7*

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**Stud Welding**

**April 29th, 2018 - 7 Stud  
Welding Reproduced with  
the permission of the  
American Welding Society It  
shall not be defined as a fillet  
weld such as those formed**

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**by conventional arc'**  
**'FIELD WELDING**  
**PROCEDURES Connect**  
**NCDOT**

**April 24th, 2018 - FIELD**  
**WELDING PROCEDURES**  
**4th Edition June 2011**

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**contractor Table of Contents**  
**Fillet Weld Certification**  
**Welding Procedure WPS 8 8**  
**1 thru 8 2'**  
**'Welding procedure Job**  
**Knowledge 39 twi global**  
**com**

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April 25th, 2018 - The  
alternative routes for welding  
procedure approval are  
described together with the  
requirements for welder or  
welding operator approval'

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**'Welding Procedure Guide  
CWB Group**

**April 25th, 2018 -**

**WELDING PROCEDURE  
PREPARATION letter F for  
fillet weld Welding with  
equipment that requires only**

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**occasional or no observation  
of the welding'**

***'Prepared by WELDING  
PROCEDURE Identification  
DEMO SMAW  
April 29th, 2018 - Interpass***

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*Cleaning Chip File Brush and  
or Grind Weld Type Fillet  
Weld Welding Procedure Weld  
Size S mm in Side Weld Layers  
Pass No Filler Diameter mm  
in'*

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# **'Chapter Weld Inspection and Repair g w**

May 1st, 2018 - Weld

Inspection and Repair ? Proper  
welding procedure is used and  
the welding equipment is set  
up properly for the Fillet weld

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gauges Extension"**8 3 Fillet  
Welds American Institute of  
Steel Construction**

April 30th, 2018 - AISC  
recommends that either or  
both legs of fillet welds may  
be oversized Are corrective

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procedures required when  
fillet welds are A fillet weld  
shall be'

***'Field Welding Inspection  
Guide Ohio Department of  
April 26th, 2018 - Field  
Welding Inspection Guide***

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*Procedure Qualification  
testing by the Contractor per  
the Fillet welding or GR  
Groove welding'*

**'Fillet weld Wikipedia**

April 29th, 2018 - There are 5

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pieces to each Fillet weld  
known as the Root Toe Face  
Leg and Throat The root of the  
weld is the part of deepest  
penetration which is the  
opposite angle of the  
Hypotenuse"**WELDING**

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**PROCEDURE**

**SPECIFICATION WPS Yes**

**PREQUALIFIED**

April 29th, 2018 - welding  
procedure specification wps or  
procedure qualification  
records pqr convexity fillet

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weld test results test date'

**'STEEL REPAIR**

**PROCEDURES**

**OPERATIONS MANUAL**

**April 30th, 2018 - This Steel**

**Repair Procedures**

**Operations Manual module**

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**has been constructed by  
Replace the removed fillet  
weld using Welding  
Procedure Specification  
WPS'**

***'Evaluation of Fillet Weld  
Requirements 1501 S***

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*April 19th, 2018 - Evaluation  
of Fillet Weld Requirements  
D1 5 ? specify that fillet  
welding procedures be  
qualified using a groove weld  
specimen AWS D1 5 Section 5  
10"FORM QW 482*

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**SUGGESTED FORMAT  
FOR WELDING  
PROCEDURE**

April 30th, 2018 - FORM QW  
482 SUGGESTED FORMAT  
FOR WELDING  
PROCEDURE

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# SPECIFICATIONS

Organization Name Welding  
Procedure Specification No By  
of Fillet PREHEAT"**welding  
procedure and welder  
qualification**

April 26th, 2018 -

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supplementary fillet weld test  
piece can be welded which  
shall be in a plate thickness of  
at least 10mm and welding  
procedure and welder  
qualification pdf'

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**'Volume 2 WELDING  
FABRICATION  
PROCEDURE lanl gov  
April 25th, 2018 -  
Attachment 3 Maximum  
Detailed Size of Fillet Weld  
Along Edges Volume 2**

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**Welding Fabrication**

**Procedure Rev 1 10 10 06**

**WFP 2 04 ? AWS D1**

**1"Structural Steel Welding**

**American Welding Society**

**April 28th, 2018 - Structural  
Steel Welding Semih**

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**Genculu P E dictates the  
welding parameters and the  
procedure fillet weld profile  
with adequate base metal  
penetration and'**

**'Fillet welded joints a review  
of the practicalities**

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**May 1st, 2018 - Welding  
procedure Weld defects  
Fillet welded joints a review  
of the practicalities Job  
Knowledge 66 Fillet welded  
joints a review of the  
practicalities"Consider**

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# **Penetration When Determining Fillet Weld Size**

April 28th, 2018 - Consider

Penetration When

Determining Fillet Weld Size

engineers should consider

penetration when determining

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fillet weld size the welding  
procedure is"

**WELDING  
PROCEDURE**

**SPECIFICATION**

**April 30th, 2018 -**

**WELDING PROCEDURE  
SPECIFICATION 1000**

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**REBAR 0 SMAW SMAW**  
**Butt Fillet Full or Partial**  
**Welding Fabrication**  
**Procedures GMAW Gun**  
**Angle ° Stringer or'**  
***'Welding Procedure***  
***Qualification BS EN***

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## ***Standard Welding Room***

*April 20th, 2018 - European*

*Norm Standard Sedikit*

*berikutik di European Norm*

*Standard EN di Indonesia*

*standard ini diaplikasikan*

*dalam pembuatan pressure*

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*vessel untuk proses  
pertambangan*

*minyak"***WeldNote Welding  
Management Software**

May 2nd, 2018 - How to write  
a welding procedure  
specification ISO 15614 1 in

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which some standards will  
approve welding fillet welds  
by performing a butt weld test'

***'Inspection and Testing for  
Welding Procedure  
Qualification***

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*May 2nd, 2018 - Inspection  
and Testing for Welding  
Procedure The remaining  
welded sample is used as the  
fillet weld break test and is  
broken against the weld to  
reveal the"***ASME SEC IX**

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# **Welding Procedure and performance**

April 28th, 2018 - ASME SEC  
IX Welding Procedure and  
performance qualification Dr  
G Ravichandran Sr Manager  
WRI BHEL Trichy Welding

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Procedure Specification It is a written document that provides direction to the welder for making production welds in accordance with code requirements Any WPS must be qualified by "*Standard*"

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***Methods for Mechanical  
Testing of Welds***

*April 28th, 2018 - Standard  
Methods for Mechanical  
Testing of Welds Prepared by  
AWS B4 Committee on  
Mechanical Testing of B2*

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*Fillet Weld Break Specimen  
for Procedure*

*Qualification"***Procedure**

*Qualification Record*

*gowelding com*

*April 28th, 2018 - Variables  
used in a welding procedure*

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*test are divided into 3  
categories A butt or groove  
weld approves branch and  
fillet welds but not the  
converse'*

**'Field Welding Procedures  
Manual Contractor Version**

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**April 27th, 2018 - Field  
Welding Procedures Manual  
Contractor Version Stud  
Welding Procedure WPS 7  
Fillet Weld Certification  
Documents Similar To Field  
Welding**

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# **Procedures" Welding Certification A Basic Guide from Structural to**

May 2nd, 2018 - There is not a single welding certification that covers all types of welding All welding

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certifications a fillet weld you  
a welding procedure this'

## **'Welding Procedures**

**nwhydro org**

April 30th, 2018 - What is a  
Welding Procedure ? Welding  
procedures Maximum current

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permitted for all dimensional  
weld build up and for the final  
layer of groove and fillet  
welds'

**'Welding Steelconstruction  
info**

April 30th, 2018 - Attention is

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drawn to the fact that  
traditional UK practice has  
tended to use leg length to  
define fillet weld is presented  
on a welding procedure'

**'Weld Joints g w**

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May 1st, 2018 - Chapter 6  
Weld Joints and Weld  
Types

59 Butt Fillet J groove  
Spot V groove Edge Corner  
flange Flare V Figure 6 5

Types of welds that may be  
made with a basic "**SMAW**"

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**Fillet AWS 20D1 1 Scribd**  
**May 1st, 2018 - Prepared by**  
**WPSAmerica com**  
**WELDING PROCEDURE**  
**SPECIFICATION WPS**  
**SMAW Process Type AWS**  
**A5 1 E6010 Iden'**

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**'Guide for Aluminum  
Welding MAXAL  
April 30th, 2018 - The  
following uses the flow of a  
typical Welding Procedure  
Specification WPS as the**

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**guideline for its organization**  
**Groove Fillet Weld Pass**  
**Type" Welding Procedure**  
**Specification WPS Sheet 1 of**  
**3**

May 2nd, 2018 - Welding  
Procedure Specification

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Qualified Weld Metal Range  
Fillet mm in Unlimited  
Unlimited Weld Deposit  
Chemistry Flux Trade Name  
and Flux Type"

Copyright Code :

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