



WELDING PROCEDURE SPECIFICATION

WPS: 7000-xxxx-PVDF-Socket

REV. NO.: 0

DATE: 6/7/2012

****APPLICABILITY****

WELDING PROCESS: TF -

CODE: ANSIB31.3

OTHER:

SUPPORTING PQR: 7000--PVDF-Socket

JOINT: This WPS shall be used in conjunction with the General Welding Standards (GWS) and Welding Fabrication Procedure (WFP) sections and criteria for joint details, repairs, NDE, inspection, etc.

Weld Joint Type: Socket

Class: Full thermal fusion

See GWS 1-06 and WFP's for joint details.

Preparation: Clean and prep per manufacturer's instructions

Root Opening:

Backing: N/A

Backgrind Root: N/A

Backing Mat.: None

Bkgrd Method: N/A

GTAW Flux: N/A

Backing Retainer: N/A

FILLER METALS:

Class: N/A and N/A

A No: N/A

SFA Class: N/A and N/A

F No: N/A and N/A

Size: N/A

Insert: N/A

Insert Type: N/A

Weld Metal Thickness Ranges:

Flux: Type: N/A

Size: N/A

AWS Root Pass:

Filler Material Note:

AWS Balance:

ASME Root Pass:

ASME Balance: .165 thru .462

BASE MATERIAL:

P No: N/A

Gr No.:

to P No.: N/A

Gr No.:

Spec.: PVDF- pipe

Grade:

to Spec.: PVDF- pipe

Grade:

Qualified Pipe Dia. Range: >=

AWS:

ASME: 1

Qualified Thickness Range:

AWS:

ASME:

QUALIFIED POSITIONS:

AWS:

ASME:

Vert. Prog.: N/A

Preheat Min. Temp.: 50

GAS: Shielding: N/A or

Interpass Max. Temp.: N/A °F

Gas Composition: N/A / N/A / N/A % / / %

Preheat Maintenance: 50 °F

Gas Flow Rate cfh:

PWHT: Time @ °F Temp.:

Backing Gas/Comp: N/A

N/A %

Temperature Range: N/A °F to N/A °F

Backing Gas Flow cfh:

Trailing Gas/Comp:

WELDING CHARACTERISTICS:

Current: N/A and N/A

Tungsten Type:

Transfer Mode: N/A

Ranges: Amps:

Tungsten Dia.: N/A

Pulsing Cycle:

Volts:

Background Current:

Fuel Gas: N/A

Flame: N/A

Braze Temp °F: N/A to N/A

WELDING TECHNIQUE: For fabrication specific requirements such as fitup, cleaning, grinding, PWHT and inspection criteria, refer to Volume 2, Welding Fabrication Procedures.

Technique: Thermal fusion

Cleaning Method: N/A

