SERV

Willbros Government Services, LLC
2080 E. 71st ST
TULSA, OKLAHOMA 74136

Welder or Welding Operator Performance Qualification (WPQ)

Welder's Name: Kotry, Justin Stamp: D

Test WPS No.: 1-S-6L Rev.: 0 WPQ No.: JK-S Date: 1/26/2012

Welding process(es) / type(s) used: SMAW / Manual

Type of joint welded: Plate Groove weld Joint type(s) qualified: Groove and Fillet Welds

Base metal(s) welded: SA-36 to SA-36

Welder Variables (QW-350)	Actual Values Used	Range Qualified
P- or S-Number to P- or S-Number	P-No. 1 to P-No. 1	P-1 thru P-15F,P-34 & P-4X
Base metal thickness (in.)	0.375	WPS Limits
Pipe diameter (in.)	N/A	2.875" minimum (n1)
	SMAW / Manual	SMAW / Manual
Backing **	No backing used	With or without backing
AWS classification	E6010	
Filler metal specification (SFA)	5.1	5.xx
Filler metal F-No.	3	F 3 (F 1 - F 2 w/backing)
Filler metal product form	N/A	N/A
Consumable insert	N/A	N/A
Deposit thickness (in.) [>= 3 layers]	0.375 [N/A]	0.750" maximum
Welding position	2G, 3G, & 4G	All Positions
Weld progression	Vertical up and down	Vertical up or down
Backing gas	N/A	N/A

Machine Welding Variables (QW-360)	Actual Values Used	Range Qualified
Direct / remote visual control	N/A	N/A
Automatic voltage control	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position	N/A	N/A
Consumable insert	N/A	N/A
Backing **	N/A	N/A
Single / multiple pass per side	N/A	N/A

Fillet Welds: Qualified to make fillet welds of any size on all base material thicknesses and pipe diameters of any size.

** Welds with backing include fillets and double-welded groove welds.

Notes: (n1) Pipe with O.D. <= 24" limited to flat rotated & horizontal.

Guided Bend Test (QW-160)

Figure Number and Type	Result	Figure Number and Type	Result
QW-462.2 Side bend	Satisfactory	QW-462.2 Side bend	Satisfactory
QW-462.2 Side bend	Satisfactory	QW-462.2 Side bend	Satisfactory
QW-462.2 Side bend	Satisfactory	QW-462.2 Side bend	Satisfactory

Visual examination results: Visual exam satisfactory per QW-302.4 and QW-194

Volumetric test results: None

Welding test conducted by: Willbros Government Services, LLC

Mechanical/Radiographic tests conducted by: INSERV Lab test no.: W2012020I

We 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 Section IX of the ASME Code

Organization: INTEGRATED SERVICE COMPANY, LLC

Certified By: _____ (Per ID Officer) 2/1/2012 (Date) Quality Council

INSERV

Willbros Government Services, LLC
2087 E. 71st St
TULSA, OKLAHOMA 74136

Welder or Welding Operator Performance Qualification (WPQ)

Welder's Name: Kotry, Justin Stamp: D

Test WPS No.: 1-S-1 Rev.: 0 WPQ No.: JK-S1 Date: 2/21/2012

Welding process(es) / type(s) used: SMAW / Manual

Type of joint welded: Plate Groove weld Joint type(s) qualified: Groove and Fillet Welds

Base metal(s) welded: SA-516, Grade 70 to SA-516, Grade 70

Welder Variables (QW-350)	Actual Values Used	Range Qualified
P- or S-Number to P- or S-Number	P-No. 1 to P-No. 1	P-1 thru P-11,P-34 & P-4X
Base metal thickness (in.)	0.5	WPS Limits
Pipe diameter (in.)	N/A	2.875" minimum (n1)
	SMAW / Manual	SMAW / Manual
Backing **	No backing used	With or without backing
AWS classification	E7018	
Filler metal specification (SFA)	5.1	5.xx
Filler metal F-No.	4	F 4 (F 1 - F 3 w/backing)
Filler metal product form	N/A	N/A
Consumable insert	N/A	N/A
Deposit thickness (in.) [>= 3 layers]	0.5 [No]	1.0000" maximum
Welding position	2G, 3G, & 4G	All Positions
Weld progression	Vertical up	Vertical up (n4)
Backing gas	N/A	N/A

Machine Welding Variables (QW-360)	Actual Values Used	Range Qualified
Direct / remote visual control	N/A	N/A
Automatic voltage control	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position	N/A	N/A
Consumable insert	N/A	N/A
Backing **	N/A	N/A
Single / multiple pass per side	N/A	N/A

Fillet Welds: Qualified to make fillet welds of any size on all base material thicknesses and pipe diameters of any size.
** Welds with backing include fillets and double-welded groove welds.
Notes: (n1) Pipe with O.D. <= 24" limited to flat rotated & horizontal.
(n4) The root pass, when removed to sound weld metal in preparation for welding the second side, and the cover or wash pass may be up or down.

Guided Bend Test (QW-160)

Figure Number and Type	Result	Figure Number and Type	Result
None		None	
None		None	
None		None	

Visual examination results: Visual exam satisfactory per QW-302.4 and QW-194

Radiographic test results: Acceptable Per QW-302.2 and QW-191

Welding test conducted by: Willbros Government Services, LLC

Mechanical/Radiographic tests conducted by: Pacific Island Inspection Lab test no.: JSO3272012C

We 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 Section IX of the ASME Code.

Organization: Willbros Government Services, LLC

Certified By: T. Anderson 3/27/2012 Date Quality Control

2011 Form Date - Format C

Visual Inspection & Testing (VT) Level II Certification

THIS IS TO CERTIFY THAT:

Justin Kotry

HAS SUCCESSFULLY COMPLETED

Visual Inspection & Testing
(VT) Level II Technician / Competent Person

THE CANDIDATE HAS SUCCESSFULLY COMPLETED ALL OF THE REQUIREMENTS FOR API 650/653 & ASNT SNT-TC-1A TRAINING.

WILLBROS

Corporate ASNT Lvl III
Willbros Government Services, LLC

2/29/2012
Date

Penetrant Testing (PT)
Level II Certification

THIS IS TO CERTIFY THAT:

Justin Kotry

HAS SUCCESSFULLY COMPLETED

Liquid Color Contrast Dye Penetrant Testing
(PT) Level II Technician / Competent Person

THE CANDIDATE HAS SUCCESSFULLY COMPLETED ALL OF THE REQUIREMENTS FOR API650/653 & ASNT SNT-TC-1A TRAINING.

WILLBROS

Corporate ASNT LVL III
Willbros Government Services, LLC

2/29/2012
Date

Willbros Government Services, LLC
2857 E. 71st St
TULSA, OKLAHOMA 74136

Welder or Welding Operator Performance Qualification (WPQ)

Welder's Name: Clark, Donald Stamp: C

Test WPS No.: LM-1L Rev.: 0 WPQ No.: DC-M Date: 12/14/2011

Welding process(es) / type(s) used: GMAW / Semiautomatic

Type of joint welded: Plate Groove weld Joint type(s) qualified: Groove and Fillet Welds

Base metal(s) welded: SA-36 to SA-36

Welder Variables (QW-350)	Actual Values Used	Range Qualified
P- or S-Number to P- or S-Number	P-No. 1 to P-No. 1	P-1 thru P-15F, P-34 & P-8X
Base metal thickness (in.)	0.5	WPS Limits
Pipe diameter (in.)	N/A	2.875" minimum (n1)
	GMAW / Semiauto	GMAW / Semiauto
Backing **	No backing used	With or without backing
AWS classification	ER70S-3	
Filler metal specification (SFA)	5.18	5.xx
Filler metal F-No.	6	F-No. 6
Filler metal product form	N/A	N/A
Consumable insert	N/A	N/A
Deposit thickness (in.) [>= 3 layers]	0.5 [No]	1.0000" maximum
Welding position	2G, 3G, & 4G	All Positions
Weld progression	Vertical up	Vertical up (n4)
Backing gas	No backing gas used	With or Without backing gas
GMAW / FCAW transfer mode	Spray arc	Spray, Pulsed, or Globular

Machine Welding Variables (QW-360)	Actual Values Used	Range Qualified
Direct / remote visual control	N/A	N/A
Automatic voltage control	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position	N/A	N/A
Consumable insert	N/A	N/A
Backing **	N/A	N/A
Single / multiple pass per side	N/A	N/A

Fillet Welds: Qualified to make fillet welds of any size on all base material thicknesses and pipe diameters of any size.
** Welds with backing include fillets and double-welded groove welds.
Notes: (n1) Pipe with O.D. <= 24" limited to flat rotated & horizontal.
(n4) The root pass, when removed to sound weld metal in preparation for welding the second side, and the cover or wash pass may be up or down.

Guided Bend Test (QW-160)

Figure Number and Type	Result	Figure Number and Type	Result
QW-462.2 Side bend	Satisfactory	QW-462.2 Side bend	Satisfactory
QW-462.2 Side bend	Satisfactory	QW-462.2 Side bend	Satisfactory
QW-462.2 Side bend	Satisfactory	QW-462.2 Side bend	Satisfactory

Visual examination results: Visual exam satisfactory per QW-302.4 and QW-194

Volumetric test results: None

Welding test conducted by: Willbros Government Services, LLC

Mechanical/Radiographic tests conducted by: INSERV Lab test no.: W20120104

We 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 Section IX of the ASME Code.

Organization: INTEGRATED SERVICE COMPANY, L.L.C.

Certified By: [signature] 12/14/2011 Quality Control
Derek S. Glover Date

INSERV

Willbros Government Services, LLC
2087 E. 71st St
TULSA, OKLAHOMA 74136

Welder or Welding Operator Performance Qualification (WPQ)

Welder's Name: Clark, Donald Stamp: C

Test WPS No.: 1-S-1 Rev.: 0 WPQ No.: DC-S1 Date: 2/21/2012

Welding process(es) / type(s) used: SMAW / Manual

Type of joint welded: Plate Groove weld Joint type(s) qualified: Groove and Fillet Welds

Base metal(s) welded: SA-516, Grade 70 to SA-516, Grade 70

Welder Variables (QW-350)	Actual Values Used	Range Qualified
P- or S-Number to P- or S-Number	P-No. 1 to P-No. 1	P-1 thru P-11,P-34 & P-4X
Base metal thickness (in.)	0.5	WPS Limits
Pipe diameter (in.)	N/A	2.875" minimum (n1)
	SMAW / Manual	SMAW / Manual
Backing **	No backing used	With or without backing
AWS classification	E7018	
Filler metal specification (SFA)	5.1	5.xx
Filler metal F-No.	4	F 4 (F 1 - F 3 w/backing)
Filler metal product form	N/A	N/A
Consumable insert	N/A	N/A
Deposit thickness (in.) [>= 3 layers]	0.5 [No]	1.0000" maximum
Welding position	2G & 4G	Flat, Horizontal, & Overhead
Weld progression	N/A	N/A
Backing gas	N/A	N/A

Machine Welding Variables (QW-360)	Actual Values Used	Range Qualified
Direct / remote visual control	N/A	N/A
Automatic voltage control	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position	N/A	N/A
Consumable insert	N/A	N/A
Backing **	N/A	N/A
Single / multiple pass per side	N/A	N/A

Fillet Welds: Qualified to make fillet welds of any size on all base material thicknesses and pipe diameters of any size.
** Welds with backing include fillets and double-welded groove welds.
Notes: (n1) Pipe with O.D. <= 24" limited to flat rotated & horizontal.

Guided Bend Test (QW-160)

Figure Number and Type	Result	Figure Number and Type	Result
None		None	
None		None	
None		None	

Visual examination results: Visual exam satisfactory per QW-302.4 and QW-194

Radiographic test results: Acceptable Per QW-302.2 and QW-191

Welding test conducted by: Willbros Government Services, LLC

Mechanical/Radiographic tests conducted by: Pacific Island Inspection Lab test no.: JSO3272012B

We 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 Section IX of the ASME Code.

Organization: Willbros Government Services, LLC

Certified By: T. Anderson 3/27/2012 Date Quality Control

2011 Form 009 - Format C

Visual Inspection & Testing (VT) Level II Certification

THIS IS TO CERTIFY THAT:

Donald Clark

HAS SUCCESSFULLY COMPLETED

Visual Inspection & Testing
(VT) Level II Technician / Competent Person

THE CANDIDATE HAS SUCCESSFULLY COMPLETED ALL OF THE REQUIREMENTS FOR API 650/653 & ASNT SNT-TC-1A TRAINING.

WILLBROS

Corporate ASNT Lvl III
Willbros Government Services, LLC

9/30/2011
Date

Penetrant Testing (PT)
Level II Certification

THIS IS TO CERTIFY THAT:

Donald Clark

HAS SUCCESSFULLY COMPLETED

Liquid Color Contrast Dye Penetrant Testing
(PT) Level II Technician / Competent Person

THE CANDIDATE HAS SUCCESSFULLY COMPLETED ALL OF THE REQUIREMENTS FOR API 650/653 & ASNT SNT-TC-1A TRAINING.

WILLBROS

Corporate ASNT Lvl III
Willbros Government Services, LLC

9/30/2011
Date

SERV

Willbros Government Services, LLC
2087 E. 71st St
TULSA, OKLAHOMA 74136

Welder or Welding Operator Performance Qualification (WPQ)

Welder's Name: Chapman, Robert Stamp: B

Test WPS No.: I-M-LL Rev.: 0 WPQ No.: RC-M Date: 12/14/2011

Welding process(es) / type(s) used: GMAW / Semiautomatic

Type of joint welded: Plate Groove weld Joint type(s) qualified: Groove and Fillet Welds

Base metal(s) welded: SA-36 to SA-36

Welder Variables (QW-350)	Actual Values Used	Range Qualified
P- or S-Number to P- or S-Number	P-No. 1 to P-No. 1	P-1 incl P-15F P-34 & P-4X
Base metal thickness (in.)	0.5	WPS Limits
Pipe diameter (in.)	N/A	2.875" minimum (nl)
	GMAW / Semiauto	GMAW / Semiauto
Backing **	No backing used	With or without backing
AWS classification	ER70S-3	
Filler metal specification (SFA)	5.18	5.xx
Filler metal F-No.	6	F-No. 6
Filler metal product form	N/A	N/A
Consumable insert	N/A	N/A
Deposit thickness (in.) [>= 3 layers]	0.3 [No]	1.0000" maximum
Welding position	2G, 3G, & 4G	All Positions
Weld progression	Vertical up	Vertical up (uh)
Backing gas	No backing gas used	With or Without backing gas
GMAW / FCAW transfer mode	Spray arc	Spray, Pulsed, or Globular

Machine Welding Variables (QW-360)	Actual Values Used	Range Qualified
Direct / remote visual control	N/A	N/A
Automatic voltage control	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position	N/A	N/A
Consumable insert	N/A	N/A
Backing **	N/A	N/A
Single / multiple pass per side	N/A	N/A

Fillet Welds: Qualified to make fillet welds of any size on all base material thicknesses and pipe diameters of any size.

** Welds with backing include fillets and double-welded groove welds.

Notes: (n/) Pipe with O.D. <= 24" limited to flat rotated & horizontal.

(n/) The root pass, when removed to sound weld metal in preparation for welding the second side, and the cover or wash pass may be up or down.

Guided Bend Test (QW-160)

Figure Number and Type	Result	Figure Number and Type	Result
QW-462.2 Side bend	Satisfactory	QW-462.2 Side bend	Satisfactory
QW-462.2 Side bend	Satisfactory	QW-462.2 Side bend	Satisfactory
QW-462.2 Side bend	Satisfactory	QW-462.2 Side bend	Satisfactory

Visual examination results: Visual exam satisfactory per QW-302.4 and QW-194

Volumetric test results: None

Welding test conducted by: Willbros Government Services, LLC

Mechanical/Radiographic tests conducted by: INSERV Lab test no.: W20120104

We 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 Section IX of the ASME Code.

Organization: INTEGRATED SERVICE COMPANY, L.L.C.

Certified By: David S. Galvin 12/2012 QC Manager
Date

INSERV

Willbros Government Services, LLC
2087 E. 71st St
TULSA, OKLAHOMA 74136

Welder or Welding Operator Performance Qualification (WPQ)

Welder's Name: Chapman, Robert Stamp: B
Test WPS No.: 1-S-1 Rev.: 0 WPQ No.: RC-S1 Date: 2/21/2012
Welding process(es) / type(s) used: SMAW / Manual
Type of joint welded: Plate Groove weld Joint type(s) qualified: Groove and Fillet Welds
Base metal(s) welded: SA-516, Grade 70 to SA-516, Grade 70

Welder Variables (QW-350)	Actual Values Used	Range Qualified
P- or S-Number to P- or S-Number	P-No. 1 to P-No. 1	P-1 thru P-15F,P-34 & P-4X
Base metal thickness (in.)	0.5	WPS Limits
Pipe diameter (in.)	N/A	2.875" minimum (n1)
	SMAW / Manual	SMAW / Manual
Backing **	No backing used	With or without backing
AWS classification	E7018	
Filler metal specification (SFA)	5.1	5.xx
Filler metal F-No.	4	F 4 (F 1 - F 3 w/backing)
Filler metal product form	N/A	N/A
Consumable insert	N/A	N/A
Deposit thickness (in.) [>= 3 layers]	0.5 [No]	1.0000" maximum
Welding position	2G, 3G, & 4G	All Positions
Weld progression	Vertical up	Vertical up (n4)
Backing gas	N/A	N/A

Machine Welding Variables (QW-360)	Actual Values Used	Range Qualified
Direct / remote visual control	N/A	N/A
Automatic voltage control	N/A	N/A
Automatic joint tracking	N/A	N/A
Welding position	N/A	N/A
Consumable insert	N/A	N/A
Backing **	N/A	N/A
Single / multiple pass per side	N/A	N/A

Fillet Welds: Qualified to make fillet welds of any size on all base material thicknesses and pipe diameters of any size.
** Welds with backing include fillets and double-welded groove welds.
Notes: (n1) Pipe with O.D. <= 24" limited to flat rotated & horizontal.
(n4) The root pass, when removed to sound weld metal in preparation for welding the second side, and the cover or wash pass may be up or down.

Guided Bend Test (QW-160)

Figure Number and Type	Result	Figure Number and Type	Result
None		None	
None		None	
None		None	

Visual examination results: Visual exam satisfactory per QW-302.4 and QW-194
Volumetric test results: Acceptable Per QW-302.2 and QW-191
Welding test conducted by: Willbros Government Services, LLC
Mechanical/Radiographic tests conducted by: Pacific Island Inspection - RT Lab test no.: JSO3272012A

We 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 Section IX of the ASME Code.

Organization: Willbros Government Services, LLC

Certified By: T. Anderson 3/27/2012 Date Quality Control

2011 Form 613 - Format C

Penetrant Testing (PT)
Level II Certification

This is to certify that:

Robert Chapman

Has successfully completed

Liquid Color Contrast Dye Penetrant Testing
(PT) Level II Technician / Competent Person

The candidate has successfully completed all of the requirements for API 650 / 653 & ASNT SNT-TC-1A training.

WILLBROS

Corporate ASNT Lvl III
Willbros Government Services, LLC

11/30/2010
Date

Visual Inspection & Testing (VT) Level II Certification

THIS IS TO CERTIFY THAT:

Robert Chapman

HAS SUCCESSFULLY COMPLETED

Visual Inspection & Testing
(VT) Level II Technician / Competent Person

THE CANDIDATE HAS SUCCESSFULLY COMPLETED ALL OF THE REQUIREMENTS FOR API650/653 & ASNT SNT-TC-1A TRAINING.

WILLBROS

Corporate ASNT Lvl III
Willbros Government Services, LLC

10/29/2010
Date