



Welder Performance Qualification (WPQ)

ASME IX

Welder's Name ANJAR BAHKUDIN

Identification No. P-005

Test Description

Identification no. of WPS followed WGT8-12 ☒ Test coupon ☐ Production
Specification type/grade or UNS of base metal(s) ASTM A312 TP304 Thickness 5.54mm

Testing Variables And Qualification Limits**Welding Variables (QW-350)**

Welding process(es)

Type (i.e.; manual, semi-auto) used

Backing (with/without)

☐ Plate ☒ Pipe (enter diameter if pipe or tube)

Base Metal P-Number to P-Number

Filler metal or electrode specification(s) (SFA) (info. only)

Filler metal or electrode classification(s) (info. only)

Filler metal F-Number(s)

Consumable insert (GTAW or PAW)

Filler metal product form (QW-404.23) (GTAW or PAW)

Deposited thickness for each process

Process 1: GTAW 3 layers minimum ☐ Yes ☒ NoProcess 2: 3 layers minimum ☐ Yes ☐ No

Position(s) qualified (2G, 6G, 3F, etc.)

Vertical progression (uphill or downhill)

Type of fuel gas (OFW)

Use of backing gas (GTAW, PAW, GMAW)

Transfer mode (spray, globular or pulse to short circuit – GMAW)

GTAW current type and polarity (AC, DCEP, DCEN)

Actual Values

GTAW

Manual

Without / With

OD-60.3mm

P.8 to P.8

A-5.9

ER-316L

F-6

Not used

Solid

5.54mm

-

6G

Uphill

N/A

With

None

DCEN

Range Qualified

GTAW

Manual

Without / With

OD-25mm up to Unlimited

P1 to P15F, P34 & P41 to P49

All F-6

Not used

Solid

11.08mm

-

All Position

Uphill

N/A

With

None

DCEN

Results

Visual Examination of Completed Weld (QW-302.4)

Accepted

☐ Transverse bends root and face [QW-462.3(a)]; ☐ Longitudinal bends root and face [QW-462.3(b)]; ☐ Side bends (QW-462.2);☐ Pipe bend specimen, Corrosion-resistant weld metal overlay [QW-462.5(c)] ☐ Plate bend specimen, Corrosion-resistant weld metal overlay☐ Pipe specimen Macro test for fusion [QW-462.5(b)]; ☐ Plate specimen Macro test for fusion [QW-462.5(e)]

Type	Result	Type	Result	Type	Result
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Alternative volumetric examination results (QW-191)

No.RT.256748

RT ☒ UT ☐ (check one)

Fillet weld – fracture test (QW 181.2)

Length and percent of defects x

☐ Fillet welds in plate (QW-462.4(b))☐ Fillet welds in pipe (QW-462.4(c))

Macro examination (QW-184)

Fillet size (in/mm)

x

Concavity or convexity (in/mm.)

Other tests

Film or specimens evaluated by

Sawur Firmansyah

Company

PT. SHAHIB SEJATI

Mechanical tests conducted by

-

Laboratory test no.

Welding supervised by

Setyo Handono

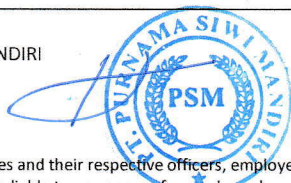
We certify that the statements in this record are correct and that the test coupons were prepared, welded, and tested in accordance with the requirements of Section IX of the ASME Boiler and Pressure Vessel Code Ed.

Date of welding: 18 April 2025

Date issued: 25 April 2025

Organisation's Representative

Organisation PT. PURNAMA SIWI MANDIRI



INDRA HERIAMAN

Surveyor to PT LRQA Business Assurance and Inspection Services Indonesia

A subsidiary of LRQA Group Limited



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Date	Signature	Position or Title



QW-484A SUGGESTED FORMAT A FOR WELDER PERFORMANCE QUALIFICATIONS (WPQ)
(See QW-301, Section IX, ASME Boiler and Pressure Vessel Code)
PT. PURNAMA SIWI MANDIRI

Welder's name : ANJAR BAHRUDIN Identification No. : P-005 Date welded : 18 April 2025

Identification of WPS followed : WGT8-12 ☒ Test coupon ☐ Production Weld

Specification and type/grade of UNS Number of base metal(s) : ASTM A312 TP304 Thickness : Sch-80S / 5.54 mm

Testing Variable and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process (-es)	GTAW	GTAW
Type (ie; manual; semi-auto) used	<u>Manual</u>	<u>Manual</u>
Backing (with / without)	<u>Without / With</u>	<u>Without / With</u>
☐ Plate ☒ Pipe (enter diameter if pipe or tube)	<u>OD-60.3mm</u>	<u>OD-25mm up to Unlimited</u>
Base metal P-Number to P-Number	<u>P No.8 to P No.8</u>	<u>P No.1 through P No.15F, P No.34 & P No.41 through P49</u>
Filler metal or electrode specification(s) (SFA) (info. only)	<u>A-5.9</u>	
Filler metal or electrode classification (s) (info. only)	<u>ER-316L</u>	
Filler metal F- Number(s)	<u>F-6</u>	<u>All F-6</u>
Consumable insert (GTAW or PAW)	<u>Not used</u>	<u>Not used</u>
Filler metal product form (QW-404.23) (GTAW or PAW)	<u>Solid</u>	<u>Solid</u>
Deposit thickness for each process		
Process 1: 3 layers minimum ☐ Yes ☒ No	<u>5.54mm</u>	<u>11.08 mm (max)</u>
Process 2: 3 layers minimum ☐ Yes ☐ No		
Position(s)	<u>6G</u>	<u>All Position</u>
Vertical progression (uphill or downhill)	<u>Uphill</u>	<u>Uphill</u>
Type or fuel gas (OFW)	<u>NA</u>	<u>NA</u>
Used of gas backing (GTAW, PAW, GMAW)	<u>With</u>	<u>With</u>
Transfer mode (spray/globular or pulse to short circuit-GMAW)	<u>NA</u>	<u>NA</u>
GTAW current type/polarity (AC, DCEP, DCEN)	<u>DCEN</u>	<u>DCEN</u>

RESULTS

Visual Examination of Completed Weld (QW-302.4)

ACCEPTED

☐ Transverse face and root bends [QW-462.3(a); ☐ Longitudinal bends [QW-462.3(b); ☐ Side bends (QW-462.2);

☐ Pipe bend specimen , corrosion-resistant weld metal overlay [QW-462.5(c)]

☐ Plate bend specimen, corrosion-resistant weld metal overlay [QW-462.5(d)]

☐ Pipe specimen, macro test for fusion [QW-462.5(b)] ☐ Plate specimen, macro test for fusion [QW-462.5(e)]

Type	Result	Type	Result

Alternative Volumetric Examination Result (QW-191) No.RT.256748 RT ☒ or UT ☐ (check one)

Fillet weld - fracture test (QW-181.2) NA Length and percent of defects NA

☐ Fillet welds in plate [QW-462.4(b)] ☐ Fillet welds in pipe [QW-462.4(c)]

Macro examination (QW-184) NA Fillet size (in) X , Concavity/convexity (in.) NA

Other tests NA

Film or specimens evaluated by Sawur Firmansyah Company PT. SHAHIB SEJATI

Mechanical test s conducted by Setyo Handono Laboratory test no. -

Welding supervised by Setyo Handono

We certify that the statements in this record are correct and that the test coupons were prepared, welded, and tested in accordance with the requirements of Section IX of the ASME BOILER AND PRESSURE VESSEL CODE.



Indra Herieman

Date 25 April 2025

Organization
Certified by

PT. PURNAMA SIWI MANDIRI
Setyo Handono



Date	Signature	Position or Title



QW-484A SUGGESTED FORMAT A FOR WELDER PERFORMANCE QUALIFICATIONS (WPQ)
(See QW-301, Section IX, ASME Boiler and Pressure Vessel Code)
PT. PURNAMA SIWI MANDIRI

Welder's name : **MOH IMAM KHANIF** Identification No. : **P-002** Date welded : **18 April 2025**
Test Description : **WGT8-12** ☒ Test coupon ☐ Production Weld
Specification and type/grade of UNS Number of base metal(s) : **ASTM A312 TP304** Thickness : **Sch-80S / 5.54 mm**

Testing Variable and Qualification Limits

Welding Variables (QW-350)

Welding process (-es)

Type (ie, manual; semi-auto) used

Backing (with / without)

☐ Plate ☒ Pipe (enter diameter if pipe or tube)

Base metal P-Number to P-Number

Filler metal or electrode specification(s) (SFA) (info. only)

Filler metal or electrode classification (s) (info. only)

Filler metal F- Number(s)

Consumable insert (GTAW or PAW)

Filler metal product form (QW-404.23) (GTAW or PAW)

Deposit thickness for each process

Process 1: 3 layers minimum ☐ Yes ☒ No

Process 2: 3 layers minimum ☐ Yes ☐ No

Position(s)

Vertical progression (uphill or downhill)

Type or fuel gas (OFW)

Used of gas backing (GTAW, PAW, GMAW)

Transfer mode (spray/globular or pulse to short circuit-GMAW)

GTAW current type/polarity (AC, DCEP, DCEN)

Actual Values

GTAW

Manual

Without / With

OD-60.3mm

P No.8 to P No.8

A-5.9

ER-316L

F-6

Not used

Solid

5.54mm

6G

Uphill

NA

With

NA

DCEN

Range Qualified

GTAW

Manual

Without / With

OD-25mm up to Unlimited

P No.1 through P No.15F, P No.34 & P No.41 through P49

All F-6

Not used

Solid

11.08 mm (max)

All Position

Uphill

NA

With

NA

DCEN

RESULTS

Visual Examination of Completed Weld (QW-302.4)

ACCEPTED

☐ Transverse face and root bends [QW-462.3(a); ☐ Longitudinal bends [QW-462.3(b); ☐ Side bends (QW-462.2);

☐ Pipe bend specimen, corrosion-resistant weld metal overlay [QW-462.5(c)]

☐ Plate bend specimen, corrosion-resistant weld metal overlay [QW-462.5(d)]

☐ Pipe specimen, macro test for fusion [QW-462.5(b)]

☐ Plate specimen, macro test for fusion [QW-462.5(e)]

Type	Result	Type	Result

Alternative Volumetric Examination Result (QW-191)

No. RT. 246797

RT ☒

or

UT

☐ (check one)

Fillet weld - fracture test (QW-181.2)

N A

Length and percent of defects

N A

☐ Fillet welds in plate [QW-462.4(b)]

☐ Fillet welds in pipe [QW-462.4(c)]

Macro examination (QW-184)

N A

Fillet size (in)

X

Concavity/convexity (in.)

N A

Other tests

N A

Film or specimens evaluated by

Sawur Firmansyah

Company

PT. SHAHIB SEJATI

Mechanical test s conducted by

Laboratory test no.

Welding supervised by

Setyo Handono

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Indra Heriawan

Date

25 April 2025

Organization

Certified by

PT. PURNAMA SIWI MANDIRI

Setyo Handono



Confirmation of validity by employer/welding coordinator for the following 6 months

Date	Signature	Position or Title
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Prolongation for qualification by the examining body for the following years

Date	Signature	Position or Title
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QW-484A SUGGESTED FORMAT A FOR WELDER PERFORMANCE QUALIFICATIONS (WPQ)
(See QW-301, Section IX, ASME Boiler and Pressure Vessel Code)
PT. PURNAMA SIWI MANDIRI

Welder's name : NURWANDI Identification No. : P-001 Date welded : 18 April 2025

Identification of WPS followed : WGT8-12 ☒ Test coupon ☐ Production Weld

Specification and type/grade of UNS Number of base metal(s) : ASTM A312 TP304 Thickness : Sch-80S / 5.54 mm

Testing Variable and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process (-es)	GTAW	GTAW
Type (ie; manual; semi-auto) used	Manual	Manual
Backing (with / without)	Without / With	Without / With
☐ Plate ☒ Pipe (enter diameter if pipe or tube)	OD-60.3mm	OD-25mm up to Unlimited
Base metal P-Number to P-Number	P No.8 to P No.8	P No.1 through P No.15F, P No.34 & P No.41 through P49
Filler metal or electrode specification(s) (SFA) (info. only)	A-5.9	
Filler metal or electrode classification (s) (info. only)	ER-316L	
Filler metal F- Number(s)	F-6	All F-6
Consumable insert (GTAW or PAW)	Not used	Not used
Filler metal product form (QW-404.23) (GTAW or PAW)	Solid	Solid
Deposit thickness for each process		
Process 1: 3 layers minimum ☐ Yes ☒ No	5.54mm	11.08 mm (max)
Process 2: 3 layers minimum ☐ Yes ☐ No		
Position(s)	6G	All Position
Vertical progression (uphill or downhill)	Uphill	Uphill
Type or fuel gas (OFW)	NA	NA
Used of gas backing (GTAW, PAW, GMAW)	With	With
Transfer mode (spray/globular or pulse to short circuit-GMAW)	NA	NA
GTAW current type/polarity (AC, DCEP, DCEN)	DCEN	DCEN

RESULTS

Visual Examination of Completed Weld (QW-302.4)

ACCEPTED

☐ Transverse face and root bends [QW-462.3(a)]; ☐ Longitudinal bends [QW-462.3(b)]; ☐ Side bends (QW-462.2);

☐ Pipe bend specimen, corrosion-resistant weld metal overlay [QW-462.5(c)]

☐ Plate bend specimen, corrosion-resistant weld metal overlay [QW-462.5(d)]

☐ Pipe specimen, macro test for fusion [QW-462.5(b)] ☐ Plate specimen, macro test for fusion [QW-462.5(e)]

Type	Result	Type	Result

Alternative Volumetric Examination Result (QW-191) No.RT.246796 RT ☒ or UT ☐ (check one)

Fillet weld - fracture test (QW-181.2) NA Length and percent of defects NA

☐ Fillet welds in plate [QW-462.4(b)] ☐ Fillet welds in pipe [QW-462.4(c)]

Macro examination (QW-184) NA Fillet size (in) X Concavity/convexity (in.) NA

Other tests NA

Film or specimens evaluated by Sawur Firmansyah

Company PT. SHAHIB SEJATI

Mechanical test s conducted by

Laboratory test no.

Welding supervised by Setyo Handono

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Indra Heriarnan

Date 25 April 2025

Organization

PT. PURNAMA SIWI MANDIRI

Certified by

Setyo Handono





Welder Performance Qualification (WPQ)

ASME IX

Welder's Name RESTU DWI ARMINTO

Identification No. P-004

Test Description

Identification no. of WPS followed WGT8-12 ☒ Test coupon ☐ Production
Specification type/grade or UNS of base metal(s) ASTM A312 TP304 Thickness 5.54mm

Testing Variables And Qualification Limits**Welding Variables (QW-350)**

Welding process(es)

Type (i.e.; manual, semi-auto) used

Backing (with/without)

☐ Plate ☒ Pipe (enter diameter if pipe or tube)

Base Metal P-Number to P-Number

Filler metal or electrode specification(s) (SFA) (info. only)

Filler metal or electrode classification(s) (info. only)

Filler metal F-Number(s)

Consumable insert (GTAW or PAW)

Filler metal product form (QW-404.23) (GTAW or PAW)

Deposited thickness for each process

Process 1: GTAW 3 layers minimum ☐ Yes ☒ NoProcess 2: 3 layers minimum ☐ Yes ☐ No

Position(s) qualified (2G, 6G, 3F, etc.)

Vertical progression (uphill or downhill)

Type of fuel gas (OFW)

Use of backing gas (GTAW, PAW, GMAW)

Transfer mode (spray, globular or pulse to short circuit – GMAW)

GTAW current type and polarity (AC, DCEP, DCEN)

Actual Values

GTAW

Manual

Without / With

OD-60.3mm

P.8 to P.8

A-5.9

ER-316L

F-6

Not used

Solid

5.54mm

-

6G

Uphill

N/A

With

None

DCEN

Range Qualified

GTAW

Manual

Without / With

OD-25mm up to Unlimited

P1 to P15F, P34 & P41 to P49

All F-6

Not used

Solid

11.08mm

-

All Position

Uphill

N/A

With

None

DCEN

Results

Visual Examination of Completed Weld (QW-302.4)

Accepted

☐ Transverse bends root and face [QW-462.3(a)]; ☐ Longitudinal bends root and face [QW-462.3(b)]; ☐ Side bends (QW-462.2);☐ Pipe bend specimen, Corrosion-resistant weld metal overlay [QW-462.5(c)]☐ Plate bend specimen, Corrosion-resistant weld metal overlay☐ Pipe specimen Macro test for fusion [QW-462.5(b)];☐ Plate specimen Macro test for fusion [QW-462.5(e)]

Type	Result	Type	Result	Type	Result
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Alternative volumetric examination results (QW-191)

No.RT.246795

RT ☒ UT ☐ (check one)

Fillet weld – fracture test (QW 181.2)

Length and percent of defects x

☐ Fillet welds in plate (QW-462.4(b))☐ Fillet welds in pipe (QW-462.4(c))

Macro examination (QW-184)

Fillet size (in/mm) x Concavity or convexity (in/mm.)

Other tests

Film or specimens evaluated by

Sawur Firmansyah

Company

PT. SHAHIB SEJATI

Mechanical tests conducted by

-

Laboratory test no.

-

Welding supervised by

Setyo Handono

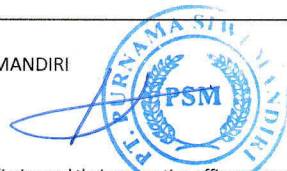
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Date of welding: 18 April 2025

Date issued: 25 April 2025

Organisation's Representative

Organisation PT. PURNAMA SIWI MANDIRI



INDRA HERIAMAN

Surveyor to PT LRQA Business Assurance and Inspection Services Indonesia

A subsidiary of LRQA Group Limited

PT. LRQA Business Assurance and Inspection Services Indonesia

Initial: IH

Jakarta Office

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Confirmation of validity by employer/welding coordinator for the following 6 months

Date	Signature	Position or Title
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Prolongation for qualification by the examining body for the following years

Date	Signature	Position or Title
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QW-484A SUGGESTED FORMAT A FOR WELDER PERFORMANCE QUALIFICATIONS (WPQ)
(See QW-301, Section IX, ASME Boiler and Pressure Vessel Code)
PT. PURNAMA SIWI MANDIRI

Welder's name : RESTU DWI ARMINTO Identification No. : P-004 Date welded : 18 April 2025
Test Description
Identification of WPS followed : WGT8-12 ☒ Test coupon ☐ Production Weld
Specification and type/grade of UNS Number of base metal(s) : ASTM A312 TP304 Thickness : Sch-80S / 5.54 mm

Testing Variable and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process (-es)	GTAW	GTAW
Type (ie, manual; semi-auto) used	Manual	Manual
Backing (with / without)	Without / With	Without / With
☐ Plate ☒ Pipe (enter diameter if pipe or tube)	OD-60.3mm	OD-25mm up to Unlimited
Base metal P-Number to P-Number	P No.8 to P No.8	P No.1 through P No.15F, P No.34 & P No.41 through P49
Filler metal or electrode specification(s) (SFA) (info. only)	A-5.9	
Filler metal or electrode classification (s) (info. only)	ER-316L	
Filler metal F- Number(s)	F-6	All F-6
Consumable insert (GTAW or PAW)	Not used	Not used
Filler metal product form (QW-404.23) (GTAW or PAW)	Solid	Solid
Deposit thickness for each process		
Process 1: 3 layers minimum ☐ Yes ☒ No	5.54mm	11.08 mm (max)
Process 2: 3 layers minimum ☐ Yes ☐ No		
Position(s)	6G	All Position
Vertical progression (uphill or downhill)	Uphill	Uphill
Type or fuel gas (OFW)	NA	NA
Used of gas backing (GTAW, PAW, GMAW)	With	With
Transfer mode (spray/globular or pulse to short circuit-GMAW)	NA	NA
GTAW current type/polarity (AC, DCEP, DCEN)	DCEN	DCEN

RESULTS

Visual Examination of Completed Weld (QW-302.4)

ACCEPTED

- ☐ Transverse face and root bends [QW-462.3(a)]; ☐ Longitudinal bends [QW-462.3(b)]; ☐ Side bends (QW-462.2);
☐ Pipe bend specimen, corrosion-resistant weld metal overlay [QW-462.5(c)]
☐ Plate bend specimen, corrosion-resistant weld metal overlay [QW-462.5(d)]
☐ Pipe specimen, macro test for fusion [QW-462.5(b)]; ☐ Plate specimen, macro test for fusion [QW-462.5(e)]

Type	Result	Type	Result

Alternative Volumetric Examination Result (QW-191)

No. RT.246795

RT ☒

or

UT ☐ (check one)

Fillet weld - fracture test (QW-181.2)

NA

Length and percent of defects

NA

☐ Fillet welds in plate [QW-462.4(b)]

☐ Fillet welds in pipe [QW-462.4(c)]

Macro examination (QW-184)

NA

Fillet size (in)

X

Concavity/convexity (in.)

NA

Other tests

NA

Film or specimens evaluated by

Sawur Firmansyah

Company

PT. SHAHIB SEJATI

Mechanical tests conducted by

Laboratory test no.

Welding supervised by

Setyo Handono

We certify that the statements in this record are correct and that the test coupons were prepared, welded, and tested in accordance with the requirements of Section IX of the ASME BOILER AND PRESSURE VESSEL CODE.



Indra Heriawan

Date : 25 April 2025

Organization

PT. PURNAMA SIWI MANDIRI

Certified by

Setyo Handono





Welder Performance Qualification (WPQ)

ASME IX

Welder's Name	RUDI ERMİYANTO	Identification No.	P-003
Test Description			
Identification no. of WPS followed	WGT8-12	☒ Test coupon	☐ Production
Specification type/grade or UNS of base metal(s)	ASTM A312 TP304	Thickness	5.54mm
Testing Variables And Qualification Limits			
Welding Variables (QW-350)		Actual Values	Range Qualified
Welding process(es)		GTAW	GTAW
Type (i.e.; manual, semi-auto) used		Manual	Manual
Backing (with/without)		Without / With	Without / With
☐ Plate ☒ Pipe (enter diameter if pipe or tube)		OD-60.3mm	OD-25mm up to Unlimited
Base Metal P-Number to P-Number		P.8 to P.8	P1 to P15F, P34 & P41 to P49
Filler metal or electrode specification(s) (SFA) (info. only)		A-5.9	
Filler metal or electrode classification(s) (info. only)		ER-316L	
Filler metal F-Number(s)		F-6	All F-6
Consumable insert (GTAW or PAW)		Not used	Not used
Filler metal product form (QW-404.23) (GTAW or PAW)		Solid	Solid
Deposited thickness for each process			
Process 1: GTAW 3 layers minimum ☐ Yes ☒ No		5.54mm	11.08mm
Process 2: 3 layers minimum ☐ Yes ☐ No		-	-
Position(s) qualified (2G, 6G, 3F, etc.)		6G	All Position
Vertical progression (uphill or downhill)		Uphill	Uphill
Type of fuel gas (OFW)		N/A	N/A
Use of backing gas (GTAW, PAW, GMAW)		With	With
Transfer mode (spray, globular or pulse to short circuit – GMAW)		None	None
GTAW current type and polarity (AC, DCEP, DCEN)		DCEN	DCEN

Results

Visual Examination of Completed Weld (QW-302.4)		Accepted	
☐ Transverse bends root and face [QW-462.3(a)];	☐ Longitudinal bends root and face [QW-462.3(b)];	☐ Side bends (QW-462.2);	
☐ Pipe bend specimen, Corrosion-resistant weld metal overlay [QW-462.5(c)]	☐ Plate bend specimen, Corrosion-resistant weld metal overlay		
☐ Pipe specimen Macro test for fusion [QW-462.5(b)];	☐ Plate specimen Macro test for fusion [QW-462.5(e)]		
Type	Result	Type	Result
Alternative volumetric examination results (QW-191) No.RT.246798 RT ☒ UT ☐ (check one)			
Fillet weld – fracture test (QW 181.2) Length and percent of defects x			
☐ Fillet welds in plate (QW-462.4(b))	☐ Fillet welds in pipe (QW-462.4(c))		
Macro examination (QW-184)	Fillet size (in/mm)	x	Concavity or convexity (in/mm.)
Other tests			

Film or specimens evaluated by Sawur Firmansyah
Mechanical tests conducted by -
Welding supervised by Setyo Handono

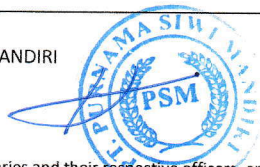
Company PT. SHAHIB SEJATI
Laboratory test no. -

We certify that the statements in this record are correct and that the test coupons were prepared, welded, and tested in accordance with the requirements of Section IX of the ASME Boiler and Pressure Vessel Code Ed.

Date of welding: 18 April 2025

Date issued: 25 April 2025

Organisation's Representative
Organisation PT. PURNAMA SIWI MANDIRI



INDRA HERIAMAN
Surveyor to PT LRQA Business Assurance and Inspection Services Indonesia
A subsidiary of LRQA Group Limited



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Confirmation of validity by employer/welding coordinator for the following 6 months

Date	Signature	Position or Title
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Prolongation for qualification by the examining body for the following years

Date	Signature	Position or Title
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QW-484A SUGGESTED FORMAT A FOR WELDER PERFORMANCE QUALIFICATIONS (WPQ)
(See QW-301, Section IX, ASME Boiler and Pressure Vessel Code)
PT. PURNAMA SIWI MANDIRI

Welder's name : RUDI ERMİYANTO Identification No. : P-003 Date welded : 18 April 2025
Test Description
Identification of WPS followed : WGT8-12 ☒ Test coupon ☐ Production Weld
Specification and type/grade of UNS Number of base metal(s) : ASTM A312 TP304 Thickness : Sch-80S / 5.54 mm

Testing Variable and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process (-es)	GTAW	GTAW
Type (ie, manual; semi-auto) used	Manual	Manual
Backing (with / without)	Without / With	Without / With
☐ Plate ☒ Pipe (enter diameter if pipe or tube)	OD-60.3mm	OD-25mm up to Unlimited
Base metal P-Number to P-Number	P No.8 to P No.8	P No.1 through P No.15F, P No.34 & P No.41 through P49
Filler metal or electrode specification(s) (SFA) (info. only)	A-5.9	
Filler metal or electrode classification (s) (info. only)	ER-316L	
Filler metal F- Number(s)	F-6	All F-6
Consumable insert (GTAW or PAW)	Not used	Not used
Filler metal product form (QW-404.23) (GTAW or PAW)	Solid	Solid
Deposit thickness for each process		
Process 1: 3 layers minimum ☐ Yes ☒ No	5.54mm	11.08 mm (max)
Process 2: 3 layers minimum ☐ Yes ☒ No		
Position(s)	6G	All Position
Vertical progression (uphill or downhill)	Uphill	Uphill
Type or fuel gas (OFW)	NA	NA
Used of gas backing (GTAW, PAW, GMAW)	With	With
Transfer mode (spray/globular or pulse to short circuit-GMAW)	NA	NA
GTAW current type/polarity (AC, DCEP, DCEN)	DCEN	DCEN

RESULTS

Visual Examination of Completed Weld (QW-302.4)

ACCEPTED

☐ Transverse face and root bends [QW-462.3(a); ☐ Longitudinal bends [QW-462.3(b); ☐ Side bends (QW-462.2);
☐ Pipe bend specimen, corrosion-resistant weld metal overlay [QW-462.5(c)]
☐ Plate bend specimen, corrosion-resistant weld metal overlay [QW-462.5(d)]
☐ Pipe specimen, macro test for fusion [QW-462.5(b)] ☐ Plate specimen, macro test for fusion [QW-462.5(e)]

Type	Result	Type	Result

Alternative Volumetric Examination Result (QW-191)

No.RT.246798

RT ☒

or

UT

☐ (check one)

Fillet weld - fracture test (QW-181.2)

N A

Length and percent of defects

N A

☐ Fillet welds in plate [QW-462.4(b)]

☐ Fillet welds in pipe [QW-462.4(c)]

Macro examination (QW-184)

N A

Fillet size (in)

X

Concavity/convexity (in.)

N A

Other tests

N A

Film or specimens evaluated by

Sawur Firmansyah

Company

PT. SHAHIB SEJATI

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Setyo Handono

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Indra Heriaman

Date : 25 April 2025

Organization

PT. PURNAMA SIWI MANDIRI

Certified by

Setyo Handono

