


GUIDELINES FOR COMPLETING THE WELDER/WELDING OPERATOR CERTIFICATE FORM PV 09397

This fillable electronic form is an optional, alternative format to the printed form

Section 1 How to fill the electronic form

Please fill out the following form. You can save data typed into this form. Highlight Fields



Technical Standards and Safety Authority

14th Floor - Centre Tower
3300 Bloor Street West
Toronto, Ontario M8X 2X4
Web site: www.tssa.org

[Clear Form](#)

[Print Form](#)

Welder/Welding Operator Certificate

Technical Standards and Safety Act
Boilers and Pressure Vessels Regulation


No. **923456**

Welder's Last Name JOHN	Initial S	First Name SMITH	Signature <i>[Signature]</i>	Please Print and Sign [Signature]	Stamp No. 8
Res. Address 1234 LAKESHORE BLVD W. ETOBICOKE, ONTARIO			Postal Code M 9 T 5 X 9	Provincial Registration No. WP-T1234.5	
Employer Name ONE BOILER COMPANY			Company PQR No. OBP-1A		
Street Address 567 KINGSTON RD			Company WPS No. used OBW-1A		
WHITBY, ONTARIO			Postal Code K 0 L 7 J 3		
Welding Process(es) Used GTAW			Type(s) <input checked="" type="checkbox"/> manual <input type="checkbox"/> machine <input type="checkbox"/> semi-automatic <input type="checkbox"/> automatic		

1.1 Certificate number

The certificate numbers shall be issued by the TSSA Inspector and enter above

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Street Address 567 KINGSTON RD			Company WPS No. used OBW-1A		
WHITBY, ONTARIO			Postal Code K 0 L 7 J 3		
Welding Process(es) Used GTAW			Type(s) <input checked="" type="checkbox"/> manual <input type="checkbox"/> machine <input type="checkbox"/> semi-automatic <input type="checkbox"/> automatic		
Base Material(s) SA240-439		Thickness(es) .1875"		<input checked="" type="checkbox"/> Test Coupon <input type="checkbox"/> Production Weld	

1.2 Enter the following information where applicable

Welder's Last and First name, Signature of the welder, and Stamp No.

Welder's Resident address complete up to Postal Code

Employers Name and Location Address

Provincial Registration No./ CRN

Company PQR

Company WPS No. Used

Welding Process(es) Used and Type

Base Material(s), Thickness, Test or Production weld

1.3

Please fill out the following form. You can save data typed into this form. Highlight Fields

WHITBY, ONTARIO K 0 L 7 J 3

Welding Process(es) Used **GTAW** Type(s) manual machine semi-automatic automatic

Base Material(s) **SA240-439** Thickness(es) **.1875"** Test Coupon Production Weld

Variables for All Processes	Actual Values	Range Qualified
Backing material (with/without)	WITHOUT	WITH OR WITHOUT
Base Metal P-Number to P-Number	P7 to P7	P1, P11, P34, P41, P49
(<input checked="" type="checkbox"/>) Plate () Pipe (enter diameter if pipe)	.1875"	Grove 2-7/8" Min. Fillet All
Filler Metal Specification (SFA) Class (QW-404) (Informational Only)	5.9	
Consumable Insert for GTAW or PAW (QW-404)	NONE	NONE
Welding Position (1G, 5G, etc.) (QW-405)	1G	1G ONLY

Manual or Semi-automatic Variables (QW-350)	Actual Values	Range Qualified
Filler Metal F-No. (QW-404)	F6	F6
Filler Metal Product Form for GTAW, PAW (QW-404)	ROD	ROD
Weld deposit thickness for each welding process (QW-404)	N/A	N/A
Process 1: GTAW 3 layers minimum <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fusion 1/16"	Fusion 1/18"
Process 2: GTAW 3 layers minimum <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	F6 1/8"	F6 1/4"
Vertical progression (uphill/downhill) (QW-405)	NONE	NONE
GTAW, PAW or GMAW backing gas; or OFW fuel gas (QW-408)	NONE	NONE
GMAW transfer mode (spray/globular or pulse to short circuit) (QW-409)	N/A	N/A
GTAW welding current type & polarity (AC, DCEP, DCEN)(QW-409)	DCEN	DCEN

Machine Welding Variables (QW-361.2)	Actual Values	Range Qualified
Direct or remote visual control	N/A	N/A
Automatic arc voltage control (GTAW)	N/A	N/A
Automatic joint tracking	N/A	N/A
Multiple or single pass per side	N/A	N/A

Automatic Welding Variables (QW-361.1)	Actual Values	Range Qualified
Filler Metal (EBW or LBW)	N/A	N/A
Laser type for LBW (CO ₂ to YAG etc.)	N/A	N/A

1.3 Enter the following information where applicable
 Variables for all Processes as per ASME Code Section IX
 Manual or Semi automatic Variable
 Machine Welding Variables
 Automatic Welding variables

1.4

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Note: Values in "Range Qualified" are valid only when used with a Qualified Welding Procedure.

RESULTS

Visual Examination of Completed Weld (QW-302.4) **Satisfactory**

Transverse root and face [QW-462.3(a)]; Longitudinal root and face [QW-462.3(b)]; Side (QW-462.2);
 Pipe bend specimen, corrosion-resistant overlay [QW-462.5(c)]; Plate bend specimen, corrosion-resistant 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	Type	Result	Type	Result
Root-1	Pass	Root-2	Pass				
Face-1	Pass	Face-2	Pass				

Alternative radiographic examination results (QW-191) **N/A**

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.) **N/A** x **N/A** Concavity/convexity (in.) **N/A**

Other tests **Tensile Test**

Film or specimens evaluated by **Ken Wallace** Company **One Boiler Company**

Mechanical tests conducted by **Oshawa Welding and NDE Laboratory** Laboratory test no. **W12345**

Welding supervised by (Print name) **Ken Wallace**

Test requested by (Print name) **Ken Wallace** Tested at (Print address) **ONE BOILER COMPANY**

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.

Organization **ONE BOILER COMPANY** Signature **Please Print and Sign** Date **09-20-10**
(mm-dd-yyyy)

1.4 Enter the following information where applicable
 Results, (Visual, NDE, Macro, Mechanical, Laboratory)
 Welding Supervisor Name, Test requested By, Test Incident Location
 Certifying Organization, Signature, and Date

Section 2

How to print the completed electronic form

2.1

Please fill out the following form. You can save data typed into this form. Highlight Fields

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Web site: www.tssa.org

Welder/Welding Operator Certificate
Technical Standards and Safety Act
Boilers and Pressure Vessels Regulation No. 923456

Welder's Last Name: JOHN Initial: S First Name: SMITH Signature: [Blank] Stamp No.: 8
Res. Address: 1234 LAKESHORE BLVD W. ETOBICOKE, ONTARIO Postal Code: M9T5X9 Provincial Registration No.: WP-T1234.5
Employer Name: ONE BOILER COMPANY Company PQR No.: OBP-1A
Street Address: 567 KINGSTON RD Company WPS No. used: OBW-1A
Whitby, Ontario Postal Code: K0L7J3
Welding Process(es) Used: GTAW Type(s): manual machine semi-automatic automatic

Clear Form **Print Form**

2.1 Click - Print Form Button

2.2

NOTE: You can now fill and save the DATA you entered on this form using free Adobe Reader (version 7 or 8)

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Web site: www.tssa.org

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Employer Name: ONE BOILER COMPANY Company PQR No.: OBP-1A
Street Address: 567 KINGSTON RD Company WPS No. used: OBW-1A
Whitby, Ontario Postal Code: K0L7J3
Welding Process(es) Used: GTAW Type(s): manual machine semi-automatic automatic
Base Material(s): SA240-439 Thickness(es): .1875" Test Coupon Production Weld

Variables for All Processes Actual Values Range Qualified

Click to print

2.2 Print Form Button changes to Click to print Button
Click - Click to print Button

Section 3

How to re-set the completed electronic form

This step will delete all the information previously entered

3.1

Please fill out the following form. You can save data typed into this form. Highlight Fields

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Welder/Welding Operator Certificate
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Welder's Last Name: JOHN Initial: S First Name: SMITH Signature: Please Print and Sign Stamp No.: 8

Res. Address: 1234 LAKESHORE BLVD W. ETOBICOKE, ONTARIO Postal Code: M 9 T 5 X 9 Provincial Registration No.: WP-T1234.5

Employer Name: ONE BOILER COMPANY Company PQR No.: OBP-1A
Street Address: 567 KINGSTON RD Company WPS No. used: OBW-1A
WHITBY, ONTARIO Postal Code: K 0 L 7 J 3

WeldingProcess(es) Used: GTAW Type(s): manual machine semi-automatic automatic

3.1 Click – Clear Form Button

3.2

Please fill out the following form. You can save data typed into this form. Highlight Fields

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Toronto, Ontario M8X 2X4
Web site: www.tssa.org

Welder/Welding Operator Certificate
Technical Standards and Safety Act
Boilers and Pressure Vessels Regulation No. 923456

Welder's Last Name: JOHN Initial: S First Name: SMITH Signature: Please Print and Sign Stamp No.: 8

Res. Address: 1234 LAKESHORE BLVD W. ETOBICOKE, ONTARIO Postal Code: M 9 T 5 X 9 Provincial Registration No.: WP-T1234.5

Employer Name: ONE BOILER COMPANY Company PQR No.: OBP-1A
Street Address: 567 KINGSTON RD Company WPS No. used: OBW-1A
WHITBY, ONTARIO Postal Code: K 0 L 7 J 3

WeldingProcess(es) Used: GTAW Type(s): manual machine semi-automatic automatic

Base Material(s): SA240-439 Thickness(es): .1875" Test Coupon Production Weld

3.2 Clear Form Button changes to Click to reset Button
Click – Click to reset Button

3.3

Please fill out the following form. You can save data typed into this form. Highlight Fields

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Welder/Welding Operator Certificate
Technical Standards and Safety Act
Boilers and Pressure Vessels Regulation No.

Welder's Last Name: Initial: First Name: Signature: Please Print and Sign Stamp No.:

Res. Address: Postal Code: Provincial Registration No.:

Employer Name: Company PQR No.:

Street Address: Company WPS No. used:

Postal Code:

WeldingProcess(es) Used: Type(s): manual machine semi-automatic automatic

Base Material(s): Thickness(es): Test Coupon Production Weld

3.3 All information are now deleted, repeat or follow step Section 1

Section 4

How to certify the completed electronic form after printing

4.1

Technical Standards and Safety Authority
14th Floor - Centre Tower
5500 Bloor Street West
Toronto, Ontario M6X 2K4
Web site: www.tssa.org

Welding Operator Certificate
Technical Standards and Safety Act
Boilers and Pressure Vessels Regulation
No. 92456

Welder's Last Name: JOHN Initial: S First Name: SMITH Signature: John Smith Stamp No. 8

Res. Address: 1234 LAKESHORE BLVD W. ETOBICOKE, ONTARIO
Employer Name: ONE BOILER COMPANY Company FOR No. OBP-1A
Street Address: 567 KINGSTON RD. Company WPS No. used: OBW-1A
WHITBY, ONTARIO Postal Code: K0L7J3
Welding Process(es) Used: GTAW Type(s): manual machine semi-automatic automatic
Base Material(s): SA240-439 Thickness(es): .1875" Test Coupon Production Weld
Variables for All Processes Actual Values Range Qualified

4.1 Have the welder/operator sign his signature

4.2

Alternative radiographic examination results (QW-191) N/A
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(e)]
Macro examination (QW-184) N/A Fillet size (in.) N/A x N/A Concavity/convexity (in.) N/A
Other tests Tensile Test
Film or specimens evaluated by Ken Wallace Company One Boiler Company
Mechanical tests conducted by Oshawa Welding and NDE Laboratory Laboratory test no. W12345
Welding supervised by (Print name) Ken Wallace
Test requested by (Print name) Ken Wallace Tested at (Print name) ONE BOILER COMPANY
We certify that the statements in this record are correct and that the specimens were prepared, welded, and tested in accordance with the requirements of Section IX of the ASME Boiler and Pressure Vessel Code.
Organization ONE BOILER COMPANY Signature Ken Wallace Date 29-10 (mm-dd-yyyy)

FOR TSSA INSPECTOR USE ONLY

The Welder named above has passed the welding test required under Ontario's *Technical Standards and Safety Act*, Boilers and Pressure Vessels

4.2 Have the organization representative sign his signature

4.3

FOR TSSA INSPECTOR USE ONLY (mm-dd-yyyy)

The Welder named above has passed the welding test required under Ontario's *Technical Standards and Safety Act*, Boilers and Pressure Vessels Regulation and is hereby authorized, subject to the limitations of this certificate.

check (✓) applicable box below:
 To weld for the Employer named above only.
 For seeking employment only.

Roger Moore, Ont 007 Inspector Name and Number (Print)
09397 (08/10)

This Certificate (mm-dd-yyyy)

Please Print, Sign, and Date
Inspector Signature and Date

4.3 Give the signed form to TSSA inspector for his acceptance and signature with date.