

Technical Standards and Safety Act Boilers and Pressure Vessels Regulation

Shop Fabric (Send signed rep shipment to s	oort with			I Installation / ication	☐ Pa	artial Dat	a Report	F	inal C	ata Report	
Note: This Data Report s the boiler external Boiler and Pressur	pressure	piping s	ystem leavir	by the person responsing a copy with the owne	ible, in whole er of the insta	e or in part allation and	for the fabri forwarding	cation, installa the original sig	tion, te ned Da	esting, and insp ata Report to th	ne TSSA
Owner of Facil											
Location of Instal	lation:		Same as Owner								
Installer / Fabric				<u> </u>							
Design Responsi	ibility:		Owner Installer / Fabricator Piping Registration Number:								
Design Co	ode:			Design Pressure:		Desi	gn Tempe	rature:		Fluid: (steam, water	; etc.)
ASME B3	1.1			□psi [□kPa			□ °F □°C	;		
Line # and/or Dwg #:	Diameter			Pipe Material Specification and Grade:	/laterial ating:	Allowance: Con		of tion: ed, , etc.)	NDE: (Yes or No; if yes, state % and type: RT, UT, MT, or PT)	PWHT: (Yes or No)	
								Appendix '	A' Att	l ached for e	xtra lines
			W	elder(s) and Proce	dure(s) Us	sed: (N/A)				
Welder Name:		tamp/) No.:		Employer:	Expiry Date (mm/dd/yyyy)			"" Process		rocedure Registration Number(s):	
				ontractor's list of welders at	tached)] Welding to	be c	completed b	y others
Visual Weld I	Examina			· — ·							
Print Name:		Sign	nature:	Date:	0		lmitic I O F) oto		tan luiti-l C	Data
					Compa	апу кер.	Initial & D	Date Ir	spec	tor Initial &	Date:



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		Descrip	tion of P	ressure Test(s):							
Line # and/or Dwg #:	Mediu	m & Temper		Final Test Pressure: Duration: Rema							
		,		, ,							
				" (0) 4 1 1 5							
				pendix 'C' Attached for extra	lines Pre	ssure test(s) by others					
	T			S Attached: (N/A)		C of A Evning					
Line # and/or Dwg #:	Sp	oool #:	5	Subcontractor Name:	C of A #:	C of A Expiry: (mm/dd/yyyy)					
Remarks:											
Endorse Certificate 'A' or 'B'											
A - CERTIFICATE O Partial Data		IANCE		B - CERTIFIC <i>i</i> Fina	ATE OF COMF I Data Report	PLIANCE					
We certify that the statements in and that materials, construction piping fabrication under the conforms to the and the ASME B31.1 piping code unless it forms part of a Final Primary Co.	the Data n, and wo ne registra ne register e. This ce Data Repo	rkmanship of tion number ed quality sy ertificate is no	f the estem ot valid	We certify that the statements in this Data Report are correct, and that the piping registration number described in this Data Report was constructed in accordance with the Provincial Act and Regulations, and the ASME B31.1 Piping Code.							
Certificate of Authorization No		Expiry D	ate:	Certificate of Authorization Number: Expiry Date							
<u> </u>											
Name:	Signature	e:		Name:	Signatur	e:					
Title:	Date:			Title:	Date:						
		CERTIF	ICATE C	F INSPECTION							
has been completed, and insp conforms to all applicable exami my knowledge and belief, the c By signing this certificate, neither the piping described in this Da	I, the undersigned, employed by of have verified that all required examination and testing has been completed, and inspected the piping described in this Data Report to the extent necessary to be satisfied that it conforms to all applicable examination requirements of the Code and of the engineering design, and state that, to the best of my knowledge and belief, the contractor has constructed this piping in accordance with the Provincial Act and Regulations. By signing this certificate, neither the inspector nor his or her employer makes any warranty, expressed or implied, concerning the piping described in this Data Report. Furthermore, neither the inspector nor his or her employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.										
Inspector Name:				Inspector Signature:							
Inspector Number:		Date:									



Technical Standards and Safety Act Boilers and Pressure Vessels Regulation Appendix A – Additional Line Information

Owner of Faci (Name and Street Add	lity: dress)											
Location of Instal	lation:	Same as Owner										
(Street Address) Installer / Fabric	cator:	— Owner										
(Name and Street Add			Installed / Folia		Dia in	Danish H	Nh b. c					
Design Respons	ibility:	Owner	Owner Installer / Fabricator Piping Registration Number:									
Line # and/or Dwg #:	Pipe Diameter: (NPS/DN)	Pipe Schedule, Type, or Thickness:	Pipe Material Specification and Grade:	Flange M and Ra	Flange Material and Rating:		Type of Connection: (Welded, Threaded, etc.)	NDE: (Yes or No; if yes, state % and type: RT, UT, MT, or PT)	PWHT: (Yes or No)			

Company Rep. Initial & Date	Inspector Initial & Date:



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Appendix B – Additional Welder Information

Owner of Facility: (Name and Street Address)							
Location of Installation	n: [Same as					
(Street Address) Installer / Fabricator:		☐ Owner					
(Name and Street Address)	,, Г	Owner	Installer / Fabrica	ator Din	ing Pogietra	ution Number	
Design Responsibility	/· L	Owner	Ilistallel / Fabrica	atoi Pip	ning Registra	ition Number	
			Welder(s) and Pro	cedure(s) Us	ed:		
Welder Name:	Stam ID No	p/ p.:	Employer:	Ex (r	kpiry Date: mm/dd/yyyy)	Process:	Procedure Registration Number(s):

Company Rep. Initial & Date

Inspector Initial & Date:



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TV AUT		Appei		ers and Pressure Vo nal Pressure Test	
Owner of Facility: (Name and Street Address)					
Location of Installation: (Street Address)	Same as Owner				
Installer / Fabricator: (Name and Street Address)					
Design Responsibility:	Owner Installer / Fabric	cator	Piping Registrati	on Number:	
	Description of F	Pressure To	est(s):		
Line # and/or Dwg #:	Medium & Temperature: (°F / °C)		Test Pressure: (psi/kPa)	Duration:	Remarks:
					1

Company Rep. Initial & Date	Inspector Initial & Date:

Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9 www.tssa.org

Boiler External Piping Systems Installation and Test Data Report

Technical Standards and Safety Act
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Guideline

Shop Fabri (Send signed re shipment)	rilingview D. o, Ontario N sa.org 1 cation port with site) pressure pipi rer Vessel Safe litity: litation: yator: dress) jation: doi:	Fiel Fab eted and signe g system leavely Program. Same as Owner Owner	d Installation / rication d by the person responsi ing a copy with the owne	cator Piping	Boilega ta Report for the fabrica for the fabrica for warding the Registration	echnical Standa sand Pressure and Pressure [Final I little standard standa	est Data F ards and Sa Vessels Re Data Report	Report fety Act gulation pection of he TSSA						uideille
12	15		13	10		10	13	20	-					
8								He						
									-					
					2104	Appendix 'A' At	tached for e	xtra line	s l					
Welder Name:	Stan	ip/	/elder(s) and Proced		0-4-	rocess: Pro	cedure Reg	istration						
23	1D N	200000	Employer:	(mm/c	(d/yyyy) F	27	Number(s	s):						
								(4	Technical Standards 345 Carlingview Drive			Boiler External Piping	Systems In	stallation and
29		is .						- (Toronto, Ontario M9V www.tssa.org	W 6N9		Te	Tes echnical Standar	t Data Report ds and Safety Act
Appendix 'B' Atta	ched for ex	tra lines (or c	contractor's list of welders at	ached)	30□	Welding to be	completed b	iy d		Descrip	tion of Pre	essure Test(s):	s and Pressure v	essels Regulation
Visual Weld Print Name:		n Complete Signature:	d: (N/A) 31 Date:						Line # and/or Dwg #:	Medium & Temper (°F / °C)	rature:	Final Test Pressure: (psi/kPa)	Duration:	Remarks:
32				Company Rep		te Inspec	tor Initial &	Da	36	37		38	39	40
PV 09469 (05/25) P		35											42	
FV 09409 (03/25) F	age or	55						┨╏		man and the same of the same o	100000	ndix 'C' Attached for extra li		ire test(s) by others
									Line # and/or Dwg #:	Spool #:		Attached: (N/A) 43	C of A#:	C of A Expiry:
									44	45		46	47	48
												3		
												2		
								100			Remar 49			
											10			
									A - CERTIFICATE OF	F COMPLIANCE	se Certific	cate 'A' or 'B' B - CERTIFICA		ANCE
								á	nd the ASME B31.1 piping code unless it forms part of a Final i Primary Cor	the Data Report are c n, and workmanship o he registration number he registered quality sy e. This certificate is no Data Report signed by intractor	of the stem of valid the	We certify that the statemer and that the piping regist described in this Data Repo with the Provincial Act and I Pip	ration number _ ort was construct Regulations, and ing Code.	ted in accordance of the ASME B31.1
									Certificate of Authorization Nu 50	umber: Expiry D	Vol to children	Certificate of Authorizatio	n Number:	Expiry Date: 51
									ame: 52	Signature:	-	Name: 52	Signature:	
									tle:	Date: CERTIF	- 16	Title:	Date:	
								E	, the undersigned, employed by has been completed, and insp onforms to all applicable exami my knowledge and belief, the cy signing this certificate, neither the piping described in this Da manner for any personal injur	y 53 of ected the piping descrination requirements of contractor has constructed the inspector nor his ta Report. Furthermo	54 ribed in thi of the Code cted this pi or her em re, neither or a loss	have verified that all s Data Report to the extent e and of the engineering de: piping in accordance with the ployer makes any warranty, the inspector nor his or he	necessary to be sign, and state the Provincial Act a expressed or in employer shall	e satisfied that it hat, to the best of and Regulations. applied, concerning be liable in any
								-	spector Number:			Date:		
								P\	09469 (05/25) Page of 3	5				



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Guideline for completing the Boiler External Piping Systems Installation and Test Data Report Description: Item # Example: Check the applicable box if the piping system is fabricated in a shop or at a field site (for shop fabrication, a partial signed data report is required to be sent with the shipment to the installation site). Check the applicable box if this is a Partial Data Report or the Final 2 Data Report. If the contractor is not responsible for all sections of the Data Report, select "Partial Data Report" and complete Section A of the Certificate of Compliance on Page 2. This Data Report is not valid unless if forms part of a Final Data Report signed by the Primary Contractor. 3 Provide the name and full address of the facility owner. 4 Select if the location of installation is the same address of the facility Provide the location of the installation if not the same address as the 5 facility owner. 6 Provide the legal name and full address of the piping system installer/fabricator as listed on the applicable Certificate of Authorization. Check the applicable box for the organization responsible for the 8 Provide the TSSA Piping Registration Number as identified on the registration documentation. 9 Provide the Design Pressure as indicated on the registration documentation and identify the unit of measurement. 10 Provide the Design Temperature as indicated on the registration documentation and identify the unit of measurement. 11 Provide the internal fluid as indicated on the registration documentation. 12 List the line number(s)/drawing number(s) as identified on the Line 1, Steam Line, etc. registered drawing, line list, or other means to identify the line(s). 13 Include the pipe diameter for the specific line number and identify the 2" OD. etc. unit of measurement (create a separate line for each diameter/thickness used). 14 List the pipe schedule, thickness, or type for the specific line number. Sch.40, 0.250", etc. 15 List the material specification of the piping used. SA-106 Grade B, etc. List the flange material and rating, as applicable. SA-105N 16 17 Provide the corrosion allowance as indicated on the registration 0.065", etc. documentation, as applicable. Identify the type of connection of the line. Welded, threaded, etc. 18 19 List the Non-Destructive Examination completed for the line. Include RT-5%, PT-100%, etc. the percentage of NDE completed and the type. If none, state "N/A". 20 Indicate if Post Weld Heat Treatment has been completed for this line. Check box if more lines are required and attach Appendix A. 21 Check box if no welding is used. 22 When lines are welded, state the name of the welder. 23 24 State the welder's symbol or ID number. This number is found on the JM, 01, etc. upper right-hand side of the Welder/Welding Operator Certificate (this symbol is determined at the time of the welder/brazer certification, provided by the employer.



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Guideline

List the name of the welder's employer. This is to be the same name as the company identified in 6 or MCAO, as listed on the Welder/Welding Operator Certificate. List the expiration date of the Welder/Welding Operator Certificate. When the company maintains a Welder's Log as allowed by ASME, CSA, or the TSSA Code Adoption Document, state "ASME Sec. IX". List the process that is used by the welder. CTAW, SMAW, etc. Provide the Welding Procedure Registration Number identified on the Procedure Qualification Record. Check box if more lines are required and attach Appendix B.	
Welder/Welding Operator Certificate. List the expiration date of the Welder/Welding Operator Certificate. When the company maintains a Welder's Log as allowed by ASME, CSA, or the TSSA Code Adoption Document, state "ASME Sec. IX". List the process that is used by the welder. Provide the Welding Procedure Registration Number identified on the Procedure Qualification Record. WP-T1234.5, etc.	
26 List the expiration date of the Welder/Welding Operator Certificate. When the company maintains a Welder's Log as allowed by ASME, CSA, or the TSSA Code Adoption Document, state "ASME Sec. IX". 27 List the process that is used by the welder. 28 Provide the Welding Procedure Registration Number identified on the Procedure Qualification Record. WP-T1234.5, etc.	
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27 List the process that is used by the welder. 28 Provide the Welding Procedure Registration Number identified on the Procedure Qualification Record. CTAW, SMAW, etc. WP-T1234.5, etc.	
Provide the Welding Procedure Registration Number identified on the Procedure Qualification Record. WP-T1234.5, etc.	
Procedure Qualification Record.	
Check box if more lines are required and attach Appendix B.	
Check box if welding or brazing is completed by a sub-contractor. If	
selected, ensure the "Partial Data Report" in 2 is selected.	
31 Check box if the visual weld examination is not applicable.	
To be signed and dated by the individual responsible for the visual	
weld examination. This individual shall be appointed by the company	
as a visual weld examiner. Qualifications of the examiner shall be in	
accordance with the requirements of ASME B31.1.	
To be initialed and dated by the company representative.	
34 To be initialed and dated by the Authorized Inspector.	
35 Include the page count for all pages.	
36 List each line number and/or dwg number from 12 being pressure	
tested.	
37 List the test medium and temperature of the pressure test. Nitrogen @ Amb Temp., Water (@ 70°F, etc.
Record the final test pressure and identify the unit of measurement. 100 psi, 250 kPa, etc.	
Record the duration of the pressure test. 10 minutes, 1 hour, etc.	
40 Indicate the results of the pressure test. Acceptable, No leaks, etc.	
41 Check box if more lines are required and attach Appendix C.	
42 Check box if the pressure test is completed by others. If selected,	
ensure the "Partial Data Report" in 2 is selected.	
43 Check box if this is the Final Data Report and there are Partial Data	
Reports associated with this installation.	
44 List each line number and/or dwg number from 12 that the Partial	
Data Report is associated with.	
45 Indicate the spool number, as applicable.	
46 Record the Subcontractors name as stated on 6 of the Partial Data	
Report.	
47 Record the Subcontractors Certificate of Authorization Number QA-12345.	
applicable to Boiler External Piping.	
48 Record the Subcontractors Certificate of Authorization expiration	
date.	
49 Include any other remarks pertinent to the boiler external piping	
system or use when more room is required elsewhere in the data	
report.	
When completing either Certificate of Compliance 'A' or 'B', indicate	
the company's Certificate of Authorization number.	
When completing either Certificate of Compliance 'A' or 'B', indicate	
the company's Certificate of Authorization expiration date.	
Print the name and title of the company representative. To be signed	
and dated by the company representative.	
53 State the applicable Authorized Inspection Agency. TSSA, ABSA, etc.	
54 State the location of the Authorized Inspection Agency. Ontario, Alberta, etc.	
To be completed by the Authorized Inspector. Include the name,	
signature, date of acceptance, and Provincial, State, or National	
Board Commission Number, as applicable.	