

# PRESSURE PIPING CONSTRUCTION AND TEST DATA REPORT

In accordance with the provisions of the PESR Section 31(1)

Shop Construction ; Field Construction   
 Final Data Report ; Partial Data Report  (from one ABSA- authorized Contractor to another ABSA- authorized Contractor).

Complete both sides of this Form

1. Constructed By: Coral Oilfield Services Inc. Owner's Job No: 4645-01  
(Name of ABSA authorized primary contractor or subcontractor)  
15303 94 St. Grande Prairie AB

(Address)

Certificate of Authorization Permit No. AQP-1522 Expiry Date: September 6, 2019

2. Constructed For: N/A  
(Name of primary contractor if different from above)  
N/A

(Address)

Certificate of Authorization Permit No. AQP-N/A Expiry Date: N/A  
(Required when the primary contractor undertakes some/all of the quality functions, e.g., NDE, PWHT, Tie-in, fabrication, hydro test, final assembly etc.)

3. Owner: Haltech Testing Inc. Box 48, Baytree AB T0H 0A0 Canada  
(Name and address)

Not Known  
(Location of installation)

Certificate of Authorization Permit No. AQP- N/A Expiry Date: N/A  
(Required when the owner undertakes some/all of the quality functions, e.g., NDE, PWHT, Tie-in, fabrication, hydro test, final assembly etc.)

4. Piping Design Alberta Registration No.: PP-N/A  
(Required if aggregate piping volume is over 0.5m<sup>3</sup>)

5. Design Responsibility: Owner ; Contractor

6. WP No.: WP-3150.2 ; Company: Coral Oilfield Services Inc. Owner's WP No. (If used): WP-  
(Alberta Registration No.) (Alberta Registration No.)  
 WPS No(s). used: COS-1(REV.2) ; Owner's WPS No(s). (If used): N/A

7. Code: ASME B31.1 Non Boiler External Piping ; ASME B31.1 Boiler External Piping ;  
 B31.5 ; B31.9 ; CSA Z662 Steam Pipelines ;  
 ASME B31.3  - Service Category: Normal , D , M , High Pressure ; Severe Cyclic Condition   
 High Purity

Drawing No. Rev. No. Line No.	Fluid (Air/Stim. Etc.)	Des. Press. PSI	Des. Temp. °F (Max. & Min.)	Pressure Test PSI	Test Medium	Pipe Mat'l Spec. & Grade	C.A. in	Pipe NPS & Schedule	Flange Material & Rating	PWHT/ Preheat Temp. °F	NDE
Control # 1	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH 80	SA350 LF2 150# CL1	N/A /50	RT 100% VT 100%
Control # 2	W.O.G.	125	-50/100	188	Water	A333	0.125	3", 4" SCH 80	SA350 LF2 150# CL1 A105 Fig 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 3	W.O.G.	125	-50/100	188	Water	A333	0.125	3", 4" SCH 80	SA350 LF2 150# CL1	N/A /50	RT 100% MT 100% VT 100%
Control # 4	W.O.G.	125	-50/100	188	Water	A333	0.125	3" SCH 40	SA350 LF2 150# CL1 A105 Fig 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 5	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH 80	A420 WPL6	N/A /50	RT 100% MT 100% VT 100%
Control # 6	W.O.G.	125	-50/100	188	Water	A333	0.125	3" SCH 80	SA350 LF2 150#	N/A /50	RT 100% VT 100%

									CL1		
Control # 7	W.O.G.	125	-50/100	188	Water	A333	0.125	3" SCH80	SA350 LF2 150# CL1	N/A/50	RT 100% VT 100%
Control # 8	W.O.G.	125	-50/100	188	Water	A333	0.125	3" SCH80	SA350 LF2 150# CL1	N/A /50	RT 100% MT 100% VT 100%
Control # 9	W.O.G.	125	-50/100	188	Water	A333	0.125	3", 4" SCH80	SA350 LF2 150# CL1 A105 Fig 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 10	W.O.G.	125	-50/100	188	Water	A333	0.125	3", 4" SCH80	SA350 LF2 150# CL1 A105 Fig 206 H/U	N/A/50	RT 100% MT 100% VT 100%
Control # 11	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH80	A420 WPL6	N/A /50	RT 100% VT 100%
Control # 12	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH80	SA350 LF2 150# CL1	N/A /50	RT 100% VT 100%
Control # 13	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA350 LF2 150# CL1 A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 14	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA350 LF2 150# CL1 A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 15	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA105N FIG 206 H/U	N/A /50	MT 100% VT 100%
Control # 16	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA105N FIG 206 H/U	N/A /50	MT 100% VT 100%
Control # 17	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA105N FIG 206 H/U	N/A /50	MT 100% VT 100%
Control # 18	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA105N FIG 206 H/U	N/A /50	MT 100% VT 100%
Control # 19	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA105N FIG 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 20	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA105N FIG 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 21	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA105N FIG 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 22	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA105N FIG 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 23	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA105N FIG 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 24	W.O.G.	125	-50/100	188	Water	A333	0.125	4" SCH160	SA105N FIG 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 25	W.O.G.	125	-50/100	188	Water	-----	0.125	4" SCH80	A420-WPL6 SA105N FIG 206 H/U	N/A /50	MT 100% VT 100%
Control # 26	W.O.G.	125	-50/100	188	Water	-----	0.125	4" SCH80	A420-WPL6 SA105N FIG 206 H/U	N/A /50	MT 100% VT 100%
Control # 29	W.O.G.	125	-50/100	188	Water	A333	0.125	2" SCH80	SA350 LF2 150# CL1 A105 Fig 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 30	W.O.G.	125	-50/100	188	Water	A333	0.125	2" SCH80	SA350 LF2 150# CL	N/A /50	RT 100% VT 100%

Control # 31	W.O.G.	125	-50/100	188	Water	A333	0.125	2" SCH180	SA350 LF2 150# CL	N/A /50	RT 100% VT 100%
Control # 32	W.O.G.	125	-50/100	188	Water	A333	0.125	2" SCH80	SA350 LF2 150# CL	N/A /50	RT 100% VT 100%
Control # 33	W.O.G.	125	-50/100	188	Water	A333	0.125	2" SCH80	SA350 LF2 150# CL A105 Fig 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 34	W.O.G.	125	-50/100	188	Water	A333	0.125	2" SCH80	SA350 LF2 150# CL	N/A /50	RT 100% VT 100%
Control # 35	W.O.G.	125	-50/100	188	Water	A333	0.125	2" SCH80	SA350 LF2 150# CL	N/A /50	RT 100% VT 100%
Control # 36	W.O.G.	125	-50/100	188	Water	A333	0.125	2" SCH80	SA350 LF2 150# CL	N/A /50	RT 100% VT 100%
Control # 37	W.O.G.	125	-50/100	188	Water	-----	0.125	2" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 38	W.O.G.	125	-50/100	188	Water	-----	0.125	2" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 56	W.O.G.	2000	-50/100	3000	Water	-----	0.0625	3" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	RT 100% VT 100%
Control # 57	W.O.G.	2000	-50/100	3000	Water	-----	0.0625	3" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	RT 100% VT 100%
Control # 58	W.O.G.	2000	-50/100	3000	Water	-----	0.0625	3" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	RT 100% VT 100%
Control # 59	W.O.G.	2000	-50/100	3000	Water	-----	0.0625	3" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	RT 100% VT 100%
Control # 60	W.O.G.	2000	-50/100	3000	Water	-----	0.0625	3" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	RT 100% VT 100%
Control # 61	W.O.G.	2000	-50/100	3000	Water	-----	0.0625	3" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	RT 100% VT 100%
Control # 62	W.O.G.	2000	-50/100	3000	Water	-----	0.0625	3" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	RT 100% VT 100%
Control # 63	W.O.G.	2000	-50/100	3000	Water	-----	0.0625	3" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	RT 100% VT 100%
Control # 64	W.O.G.	2000	-50/100	3000	Water	-----	0.0625	3", 4" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 65	W.O.G.	2000	-50/100	3000	Water	-----	0.0625	3", 4" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 66	W.O.G.	2000	-50/100	3000	Water	A333	0.0625	3", 4" SCH80	A105 Fig 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 67	W.O.G.	2000	-50/100	3000	Water	A333	0.0625	3", 4" SCH180	A105 Fig 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 68	W.O.G.	2000	-50/100	3000	Water	A333	0.0625	3", 4" SCH80	A105 Fig 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 69	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 70	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 71	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 72	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 73	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control	W.O.G.	2000	-50/100	3000	Water	A333	0	3"	A105 Fig 206	N/A /50	MT 100%

# 74								SCH40	H/U		VT 100%
Control # 75	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 76	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 77	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 78	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 79	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 80	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 81	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 82	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 83	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 84	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 85	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 86	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 87	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 88	W.O.G.	2000	-50/100	3000	Water	A333	0	3" SCH40	A105 Fig 206 H/U	N/A /50	MT 100% VT 100%
Control # 92	W.O.G.	125	-50/100	188	Water	A333	0.125	3" SCH80	SA350 LF2 150# CL	N/A /50	RT 100% MT 100% VT 100%
Control # 93	W.O.G.	125	-50/100	188	Water	A333	0.125	3" SCH80	SA350 LF2 150# CL A105 Fig 206 H/U	N/A /50	RT 100% MT 100% VT 100%
Control # 94	W.O.G.	125	-50/100	188	Water	-----	0.125	3" SCH80	A420 WPL6 A105 Fig 206 H/U	N/A /50	MT 100% VT 100%

Partial Data Reports certified by sub-contractors are listed below and attached to this Data Report

No.	Line No.	Spool No.	Dwg. No. (with Rev. No.)	Sub-contractor (Name)	AQP No. (if from Alberta)	Expiry (if from Alberta)

Remarks: For partial data report provide information about the code work that was not completed by the subcontractor (e.g., hydrostatic test, PWHT etc.). For final data report provide information about the code work that was not completed by subcontractors and subsequently completed by the primary contractor (e.g., hydrostatic test of entire assembly, PWHT etc.)

N/A

Endorse certificate 'A' or 'B'

**A. CERTIFICATE OF COMPLIANCE**

Signed by the subcontractor when supplying this certificate as a  
**Partial Data Report**

We certify that the statements in this Data Report are correct and that materials, construction and workmanship of the piping fabrication conform to the registered quality system and the applicable Piping code(s).

Date: \_\_\_\_\_  
Contractor

Print Authorized Representative's Name                      Signature


**This certificate is not valid unless it forms part of a Final Data Report signed by Primary Contractor**

**B. CERTIFICATE OF COMPLIANCE**

Signed by the primary contractor when supplying this certificate as a  
**Final Data Report**

We certify that the statements in this Data Report are correct and that piping job no. 4645-01 described in this Data Report was constructed in accordance with the Province of Alberta Safety Codes Act and Regulations, and applicable ASME Piping Code(s).

Date: June 29/2018    Coral Oilfield Services Inc.  
Contractor

Bill Metcalf                        
Print Authorized Representative's Name                      Signature

**CERTIFICATE OF INSPECTION**

I, the undersigned, employed by Haltech Testing Inc. have verified that all required examination and testing has been completed, and inspected the piping described in this construction 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 Alberta Safety Codes 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 construction 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.

Date: June 29/18                      Date: \_\_\_\_\_

Micah Meunier  
Owner's Inspector Name (please print)

  
Owner's Inspector Signature:

ABSA Safety Codes Officer (please print)  
(BOILER EXTERNAL PIPING ONLY)

ABSA Safety Codes Officer's Signature

Current version of this Form may be obtained from [www.absa.ca](http://www.absa.ca)

## PRESSURE PIPING SPECIFICATION SHEET

### PRESSURE PIPING SPECIFICATION SHEET

(For Construction/Repair/Alteration of Pressure Piping Systems Less Than or Equal to 500 Litres, Aggregate Internal Volume)

Owner: Haltech Testing Contractor Coral Oilfield Services Inc. AQP: 1522  
 Plant Location: Not Known Job# 4645-01

Material List				Piping Sketch (Reference attached drawings if appropriate)				
Item No.	Description	Mat'l Spec. & Grade		Sch./ Rating	(use for recording RT No's. & Welder Symbols)			
see	as	Built drawings			SEE AS BUILT DRAWINGS			
Line No.	Design Pressure	Design Temp. Min. / Max.	Corr. All.	Code ASME B31.1/B31.3	Service (e.g., Normal, Cat. D, M, K)	Severe Cyclic Yes/No	Test Pressure	Test Medium
Control #1-38	125 PSI	-50F/100F	1/8"	B31.3	Normal	Yes	188 PSI	H2O
Control# 56-68	2000 PSI	-50F/100F	1/16"	B31.3	Normal	Yes	3000 PSI	H2O
Control #69-88	2000 PSI	-50F/100F	0	B31.3	Normal	Yes	3000 PSI	H2O
Control# 92-94	125 PSI	-50F/100F	1/8"	B31.3	Normal	Yes	188 PSI	H2O

(Note: Pneumatic tests must have prior acceptance from ABSA.)

Welding Procedure Specification No's: COS-1 (REV.2)  
 Numbers: \_\_\_\_\_

Line No.	MT / PT Extent %	Radiography Extent %	Hardness Testing	Ultrasonic - Other NDE Description / Extent %	Other Requirements
Control #1	N/A	100%RT	N/A	100% Visual	N/A
Control #2-5	100%MT	100%RT	N/A	100% Visual	N/A
Control #6	N/A	100%RT	N/A	100% Visual	N/A
Control # 7	N/A	100%RT	N/A	100% Visual	N/A
Control #8-10	100%MT	100%RT	N/A	100% Visual	N/A
Control #11-12	N/A	100%RT	N/A	100% Visual	N/A
Control #13-18	100%MT	N/A	N/A	100% Visual	N/A
Control #19-24	100%MT	100%RT	N/A	100% Visual	N/A
Control # 25-26	100% MT	N/A	N/A	100% Visual	N/A
Control # 29	100%RT	100%RT	N/A	100% Visual	N/A
Control # 30-32	N/A	100%RT	N/A	100% Visual	N/A
Control #33	100%MT	100%RT	N/A	100% Visual	N/A
Control # 34-36	N/A	100%RT	N/A	100% Visual	N/A
Control #37-38	100%MT	N/A	N/A	100% Visual	N/A
Control # 56-63	N/A	100%RT	N/A	100% Visual	N/A
Control #64-65	100%MT	N/A	N/A	100% Visual	N/A

Control #66-68	100%MT	100%RT	N/A	100% Visual	N/A
Control # 69-88	100%MT	N/A	N/A	100% Visual	N/A
Control # 92-93	100%MT	100%RT	N/A	100% Visual	N/A
Control # 94	100%MT	N/A	N/A	100% Visual	N/A

Inspectrum Testing Inc.

N/A

NDE Contractor: \_\_\_\_\_ Post Weld Heat Treatment Yes/N.A.: \_\_\_\_\_

Post Weld Heat Treatment Time/Temp.: \_\_\_\_\_ PWHT Contractor: \_\_\_\_\_

Approved by Owner: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by Contractor: Bill M. [Signature] Date: August 07/2018

Comments: \_\_\_\_\_

**WORK COMPLETED AND ACCEPTED (AB-83 COMPLETED)**

Contractor Signature: Bill M. [Signature] Date: August 07/2018