



PSV DATA
 MFG: CONSOLIDATED
 MODEL: 1912JC
 SERIAL: 95C0953
 SET PRES: 8964 kPa
 CAPACITY: 33759 scfm
 SERVICED BY: N/S
 SERVICE DATE: 03/14/05
 SIZE: 2.5" x 4"
 CODE STAMP: UV
 BLOCK VALVE: NO
 CRN: 0G0449.2
 LOCATION: TOP SHELL
 TAG: 1253F

SKID: 0091

Equip. No. _____ Prov. Reg. No. 3141304 C.R.N. N-0303.2 Serial No. 1903 Yr. Inst. _____
 Code/Div. ASME VIII, Div 1 Size: 60in x 15ft Manufacturer: MOSS FABRICATION Yr. Blt. 1995
 C. Stamp: U Service: SOUR PWHT: HT Radiography: RT-1 Insulated: NO

Design & Materials Data

HEAD:
 Top Mat'l. SA 516 70 Top Nom. 65.2mm Top C.A. 3.2mm
 Btm. Mat'l. SA 516 70 Btm. Nom. 65.2mm Btm. C.A. 3.2mm
 CHANNEL:
 Material: _____ Nominal: _____ C.A. _____
 BOOT
 Head Mat'l. _____ Head Nom. _____ Head C.A. _____
 Shell Mat'l. _____ Shell Nom. _____ Shell C.A. _____
 SHELL
 Material: SA 516 70 Nominal: 63.5mm C.A. 3.2mm
 MAWP Shell Side: 8964 kPa @ Temp. 93°C
 MAWP Tube Side: _____ @ Temp. _____

CLIENT	CANADIAN NATURAL RESOURCES LTD	
FACILITY	CLEARHILLS GAS PLANT AREA 100 INLET SYSTEMS LSD 16-11-88-13 W6M	
ITEM	H.P INLET SEPARATOR	
BY: AM	DATE: 04/2005	DWG.# 8

UTS DATA

CLIENT CANADIAN NATURAL RESOURCES
EQUIPMENT HP INLET SEPARATOR
CRN: N-0303.2
PROV REG A 3141304
TESTE ON STREAM

FACILITY CLEARHILLS GAS PLANT AREA 100
SERVICE SOUR
LOCATION 16-11-88-13 W6M
RTD JOB # 05.000274
REFER TO DRAWING 8

Test Point	THICKNESS DATA					Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
810	Description: UPPER HEAD												
	2005	4	2007	6	2010	7							
Min. Thick.	62.7		62.7		62.7		62	3.2	65.2	0	0		L
Average:	65		65		65					0	0		L
Analysis:	2005-04 MIN SCAN AT BOTTOM OF BAND.												
815	Description: BOTTOM SHELL												
	2005	4	2007	6	2010	7							
Min. Thick.	64		64		64		60.3	3.2	63.5	0	0		L
Average:	64.3		64.3		64.3					0	0		L
Analysis:	2010/07 LOCATION CHANGED DUE TO HEAT TRACER PIPING, THE POINT NOW EVEN WITH SADDLE.												
820	Description: LOWER SHELL												
	2005	4	2007	6	2010	7							
Min. Thick.	64.3		64.3		64.3		60.3	3.2	63.5	0	0		L
Average:	64.4		64.4		64.4					0	0		L
Analysis:													
825	Description: MID SHELL												
	2005	4	2007	6	2010	7							
Min. Thick.	63.3		63.3		63.3		60.3	3.2	63.5	0	0		L
Average:	64.4		64.4		64.4					0	0		L
Analysis:													
830	Description: TOP SHELL												
	2005	4	2007	6	2010	7							
Min. Thick.	63.5		63.5		63.5		60.3	3.2	63.5	0	0		L
Average:	64.4		64.4		64.4					0	0		L
Analysis:													
835	Description: LOWER HEAD												
	2005	4	2007	6	2010	7							
Min. Thick.	63		63		63		62	3.2	65.2	0	0		L
Average:	65		65		65					0	0		L
Analysis:	2005-04 MIN SCAN AT TOP OF BAND.												

UTS DATA

CLIENT CANADIAN NATURAL RESOURCES
EQUIPMENT HP INLET SEPARATOR
CRN: N-0303.2
PROV REG A 3141304
TESTE ON STREAM

FACILITY CLEARHILLS GAS PLANT AREA 100
SERVICE SOUR
LOCATION 16-11-88-13 W6M
RTD JOB # 05.000274
REFER TO DRAWING 8

Test Point	THICKNESS DATA						Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
855														
Description:	BOTTOM HEAD ON BOOT													
	2005	4	2007	6	2010	7								
Min. Thick.	9.5		9.5		9.5		0				0	0		L
Average:	11		11		11						0	0		L
Analysis:	2005-04 MIN SCAN AT KNUCKLE.													
860														
Description:	BOTTOM HEAD ON BOOT													
	2005	4	2007	6	2010	7								
Min. Thick.	7.6		7.6		7.6		0				0	0		L
Average:	9		9		9						0	0		L
Analysis:	2005-04 MIN SCAN AT NOZZLE.													

UTS DATA

CLIENT CANADIAN NATURAL RESOURCES
EQUIPMENT HP INLET SEPARATOR PIPING
CRN:
PROV REG
TESTE ON STREAM

FACILITY CLEARHILLS GAS PLANT AREA 100
SERVICE SOUR
LOCATION 16-11-88-13 W6M
RTD JOB # 05.000274
REFER TO DRAWING 8

Test Point	THICKNESS DATA							Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
805															
Description: 10" 90° ELBOW															
	2005	4	2007	6	2010	7									
Min. Thick.	12.8		12.8		12.8		11.11		1.6	12.7	0	0		L	
Average:	13.1		13.1		13.1						0	0		L	
Analysis:															
840															
Description: 2" 90° ELBOW															
	2005	4	2007	6	2010	7									
Min. Thick.	8.8		8.8		8.8		7.61		1.1	8.7	0	0		L	
Average:	9.1		9.1		9.1						0	0		L	
Analysis: 2007/06 MIN SCAN AT USW															
845															
Description: 2" 90° ELBOW															
	2005	4	2007	6	2010	7									
Min. Thick.	9.1		8.7		8.7		7.53		1.1	8.6	0	.08		L	2026
Average:	9.6		9.2		9.2						0	.08		L	2032
Analysis: 2007/06 MIN SCAN AT DSW.															
850															
Description: 2" 90° ELBOW															
	2005	4	2007	6	2010	7									
Min. Thick.	8.6		8.5		8.5		7.53		1.1	8.6	0	.02		L	
Average:	9.1		8.8		8.8						0	.06		L	2032
Analysis: 2010/07 LIMITED ACCESS DUE TO HEAT TRACER LINE.															
865															
Description: 2" 90° ELBOW															
	2010	7													
Min. Thick.	5						4.81		.7	5.5	.14	.14		L	
Average:	5.3										0	0		L	
Analysis: 2010/07 NEW PIPING.															
875															
Description: 2" BAND															
	2007	6	2010	7											
Min. Thick.	5.1		5.1				4.81		.7	5.5	0	0		L	
Average:	5.5		5.5								0	0		L	
Analysis: 2007/06 NEW PIPING															

UTS DATA

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CRN:
PROV REG
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SERVICE SOUR
LOCATION 16-11-88-13 W6M
RTD JOB # 05.000274
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Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
880												
Description:	10" 90° ELBOW											
	2007	6	2010	7								
Min. Thick.	12.3		11.7		11.11		1.6	12.7	.19	.19	L	2013
Average:	12.6		12.3						.1	.1	L	2022
Analysis:	2010/07 MIN SCAN @ MID ELBOW MID APEX. SLIGHT ERROSION.											
885												
Description:	10" 90° ELBOW											
	2007	6	2010	7								
Min. Thick.	12.4		11.6		11.11	8.7	1.6	12.7	.26	.26	L	2012
Average:	12.7		12.4						.1	.1	L	2023
Analysis:	2010/07 SLIGHT ERROSION THROUGHOUT.											