



PSV DATA
 MFG: FARRIS
 MODEL: 26HA10-120
 SERIAL: CE-407383-2-A10
 SET PRES: 1896 kPa
 CAPACITY: 4360 scfm
 SERVICED BY: UNIFIED
 SERVICE DATE: 09/2009
 SIZE: 1.5in x 3in
 CODE STAMP: UV
 BLOCK VALVE: NO
 CRN: 0G2369.5C
 LOCATION: MID SHELL
 TAG: 5801V

Equip. No. _____ Prov. Reg. No. **401369** C.R.N. **L-5492.2** Serial No. **6362-20** Yr. Inst. _____
 Code/Div. **ASME VIII, DIV 1** Size: **24in x 71in** Manufacturer: **PRESSON** Yr. Blt. **1999**
 C. Stamp: **YES** Service: **SWEET** PWHT: **NIL** Radiography: **RT-3** Insulated: **NO**

Design & Materials Data

HEAD:
 Top Mat'l. **SA-516-70** Top Nom. **7.9mm** Top C.A. **1.6mm**
 Btm. Mat'l. _____ Btm. Nom. _____ Btm. C.A. _____
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: **9.5mm** C.A. **1.6mm**
 MAWP Shell Side: **1896 kPa** @ Temp. **60°C**
 MAWP Tube Side: _____ @ Temp. _____

CLIENT	CANADIAN NATURAL RESOURCES		
FACILITY	HAMBURG BATTERY GAS SYSTEMS LSD 15-21-96-10 W6M		
ITEM	FUEL GAS SCRUBBER		
BY: EG	DATE: 03/01	DWG.#	1-12

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: FUEL GAS SCRUBBER
CRN#:
PROV REG: A 401369
TESTED ON STREAM

FACILITY: HAMBURG BATTERY - GAS SYSTEMS
SERVICE: SWEET
LOCATION: 15-21-96-10 W6M
RTD JOB #: 10.113190
REFER TO DRAWING: 1-12

Test Point	THICKNESS DATA						Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
1-1210														
Description: TOP HEAD														
	2001	2	2006	5	2013	6								
Min. Thick.	9.3		9.3		9.3		6.30	1.6	7.90	0	0			
Average:	9.6		9.6		9.6					0	0			
Analysis:														
1-1215														
Description: MID SHELL														
	2001	2	2006	5	2013	6								
Min. Thick.	9.7		9.7		9.7		7.90	1.6	9.50	0	0			
Average:	9.8		9.8		9.8					0	0			
Analysis:														
1-1220														
Description: LOWER SHELL														
	2001	2	2006	5	2013	6								
Min. Thick.	9.7		9.7		9.7		7.90	1.6	9.50	0	0			
Average:	9.8		9.8		9.8					0	0			
Analysis:														
1-1225														
Description: BOTTOM HEAD														
	2001	2	2006	5	2013	6								
Min. Thick.	9.2		9.2		9.2		6.30	1.6	7.90	0	0			
Average:	9.5		9.5		9.5					0	0			
Analysis:														
1-1230														
Description: 1" 90° ELBOW														
	2001	2	2006	5	2013	6								
Min. Thick.	5.4		5.4		5.4		4.00	.6	4.60	0	0			
Average:	5.8		5.8		5.8					0	0			
Analysis: 2006/05 - MIN SCAN @ UP SIDE OF WELD														

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: FUEL GAS SCRUBBER PIPING
CRN#:
PROV REG:
TESTED ON STREAM

FACILITY: HAMBURG BATTERY - GAS SYSTEMS
SERVICE: SWEET
LOCATION: 15-21-96-10 W6M
RTD JOB #: 10.113190
REFER TO DRAWING: 1-12

Test Point	THICKNESS DATA						Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
1-1205														
Description: 3" 90° ELBOW														
	2001	2	2006	5	2013	6								
Min. Thick.	5.6		5.6		5.6		4.81	.7	5.50	0	0			
Average:	5.9		5.9		5.9					0	0			
Analysis:														
1-1235														
Description: 3" 90° ELBOW														
	2001	2	2006	5	2013	6								
Min. Thick.	5.2		5.2		5.2		4.81	.7	5.50	0	0			
Average:	5.6		5.6		5.6					0	0			
Analysis: 2006/05 - MIN SCAN @ MID ELBOW L.O.A.														
1-1240														
Description: 2" 90° ELBOW														
	2001	2	2006	5	2013	6								
Min. Thick.	4		4		4		4.81	1.6	.7	5.50	0	0		
Average:	4.2		4.2		4.2					0	0			
Analysis: 2013/06 THICKNESS CALCULATIONS CARRIED OUT TO 0.4mm BUT CODE MINIMUM IS MAINTAINED AT 1.6mm. RETIREMENT DATE: 2035														
1-1245														
Description: 3" 90° ELBOW														
	2001	2	2006	5	2013	6								
Min. Thick.	5.7		5.7		5.7		4.81	.7	5.50	0	0			
Average:	5.9		5.9		5.9					0	0			
Analysis:														
1-1250														
Description: 10" 45° ELBOW														
	2001	2	2006	5	2013	6								
Min. Thick.	9.7		9.7		9.7		8.14	1.2	9.30	0	0			
Average:	9.9		9.9		9.9					0	0			
Analysis:														