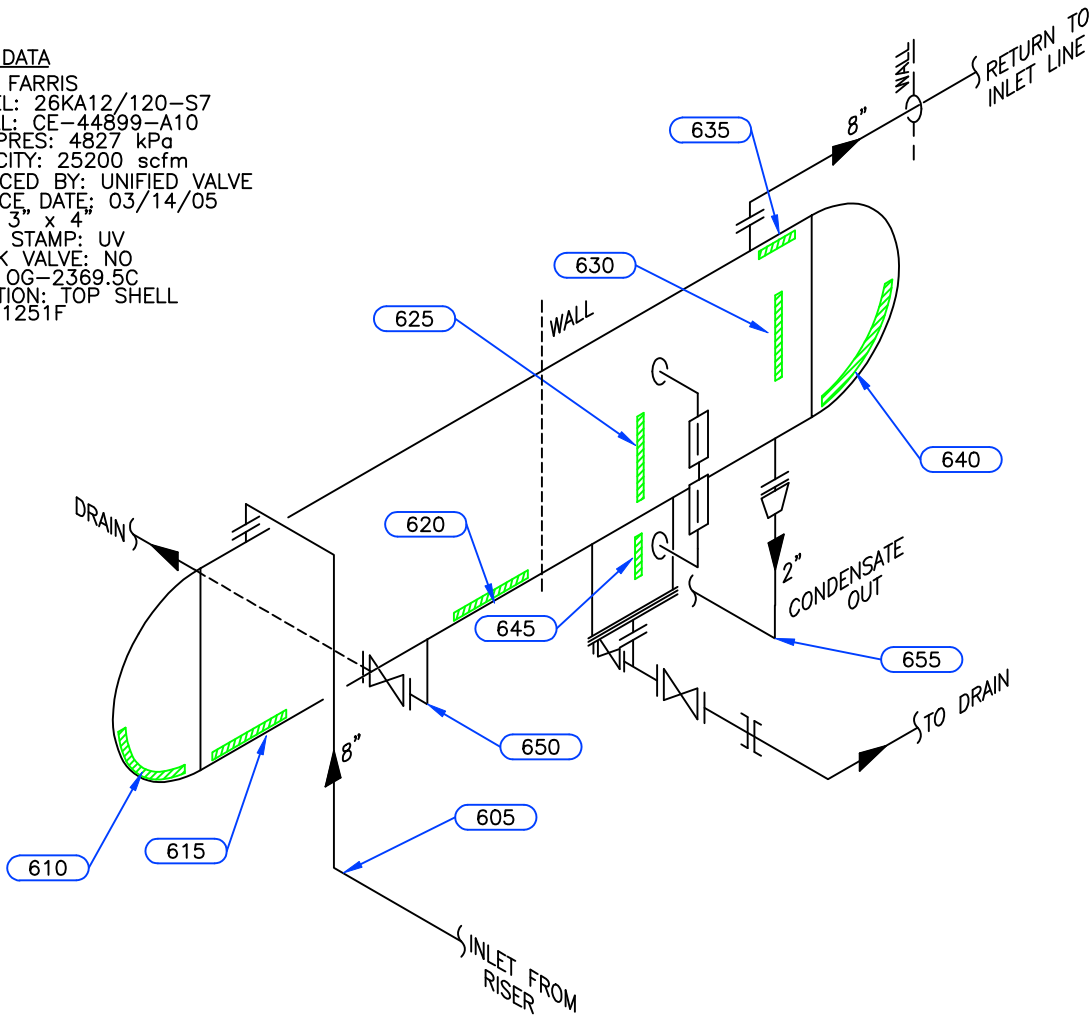


PSV DATA

MFG: FARRIS
 MODEL: 26KA12/120-S7
 SERIAL: CE-44899-A10
 SET PRES: 4827 kPa
 CAPACITY: 25200 scfm
 SERVICED BY: UNIFIED VALVE
 SERVICE DATE: 03/14/05
 SIZE: 3" x 4"
 CODE STAMP: UV
 BLOCK VALVE: NO
 CRN: OG-2369.5C
 LOCATION: TOP SHELL
 TAG: 1251F



Equip. No. _____ Prov. Reg. No. Ⓐ 2955267 C.R.N. M-3213.2 Serial No. 93C-2697-3000 Yr. Inst. _____
 Code/Div. ASME VIII, Div 1 Size: 72in x 20ft Manufacturer: PROCESS EQUIPMENT Yr. Blt. 1994
 C. Stamp: U Service: SOUR PWHT: YES Radiography: RT-1 Insulated: NO

Design & Materials Data

HEAD:
 Top Mat'l. SA 516 70 Top Nom. 43.6mm 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: 38.1mm C.A. 1.6mm

MAWP Shell Side: 4827 kPa @ Temp. 49°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	L.P. INLET SEPARATOR	
BY: AM	DATE: 04/2005	DWG.# 6

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: LP INLET SEPARATOR
CRN#: M-3213.2
PROV REG: A 2955267
TESTED ON STREAM

FACILITY: CLEARHILLS GAS PLANT AREA 100
SERVICE: SOUR
LOCATION: 16-11-88-13 W6M
RTD JOB #: 05.000274
REFER TO DRAWING: 6

Test Point	THICKNESS DATA						Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
610														
Description: UPPER HEAD														
	2005	4	2007	6	2010	7								
Min. Thick.	44.2		44.2		44.2		43.6		43.6	0	0		L	
Average:	45.4		45.4		45.4					0	0		L	
Analysis: 2005-04 MIN SCAN AT TOP OF BAND.														
615														
Description: BOTTOM SHELL														
	2005	4	2007	6	2010	7								
Min. Thick.	38.5		38.5		38.5		38.1		38.1	0	0		L	
Average:	38.6		38.6		38.6					0	0		L	
Analysis:														
620														
Description: BOTTOM SHELL														
	2005	4	2007	6	2010	7								
Min. Thick.	38.4		38.4		38.4		38.1		38.1	0	0		L	
Average:	38.6		38.6		38.6					0	0		L	
Analysis:														
625														
Description: LOWER SHELL														
	2005	4	2007	6	2010	7								
Min. Thick.	38.9		38.9		38.9		38.1		38.1	0	0		L	
Average:	39.2		39.2		39.2					0	0		L	
Analysis:														
630														
Description: MID SHELL														
	2005	4	2007	6	2010	7								
Min. Thick.	39		39		39		38.1		38.1	0	0		L	
Average:	39.2		39.2		39.2					0	0		L	
Analysis:														
635														
Description: TOP SHELL														
	2005	4	2007	6	2010	7								
Min. Thick.	38.1		38.1		38.1		38.1	35.9	38.1	0	0		L	
Average:	38.7		38.7		38.7					0	0		L	
Analysis:														

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: LP INLET SEPARATOR
CRN#: M-3213.2
PROV REG: A 2955267
TESTED ON STREAM

FACILITY: CLEARHILLS GAS PLANT AREA 100
SERVICE: SOUR
LOCATION: 16-11-88-13 W6M
RTD JOB #: 05.000274
REFER TO DRAWING: 6

Test Point	THICKNESS DATA					Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
640													
Description: LOWER HEAD													
	2005	4	2007	6	2010	7							
Min. Thick.	44.4		44.4		44.4		43.6		43.6	0	0	L	
Average:	45.4		45.4		45.4					0	0	L	
Analysis:													
645													
Description: LOWER SHELL ON BOOT													
	2005	4	2007	6	2010	7							
Min. Thick.	77.9		77.9		77.9		0			0	0	L	
Average:	78.2		78.2		78.2					0	0	L	
Analysis:													

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: LP INLET SEPARATOR PIPING
CRN#:
PROV REG:
TESTED ON STREAM

FACILITY: CLEARHILLS GAS PLANT AREA 100
SERVICE: SOUR
LOCATION: 16-11-88-13 W6M
RTD JOB #: 05.000274
REFER TO DRAWING: 6

Test Point	THICKNESS DATA							Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
605															
Description: 8" 90° ELBOW															
	2005	4	2007	6	2010	7									
Min. Thick.	9		9		8.8		9.01	5	1.3	10.3	.06	.04		S	2010
Average:	9.4		9.4		9.2						.06	.04		S	2013
Analysis: 2005-04 MIN SCAN AT MID ELBOW.															
650															
Description: 2" 90° ELBOW															
	2007	6	2010	7											
Min. Thick.	4.8		4.7				4.81	1.6	.7	5.5	.03	.03		L	2010
Average:	5.6		4.8								.26	.26		L	2010
Analysis: 2007/06 NEW ELBOW. CRITICAL THICKNESS CALCULATIONS CARRIED OUT TO 1.5mm BUT CODE MINIMUM IS MAINTAINED DAT 1.6mm															
655															
Description: 2" 90° ELBOW															
	2005	4	2007	6	2010	7									
Min. Thick.	5.1		5.1		5.1		4.81		.7	5.5	0	0		L	
Average:	5.3		5.3		5.3						0	0		L	
Analysis:															