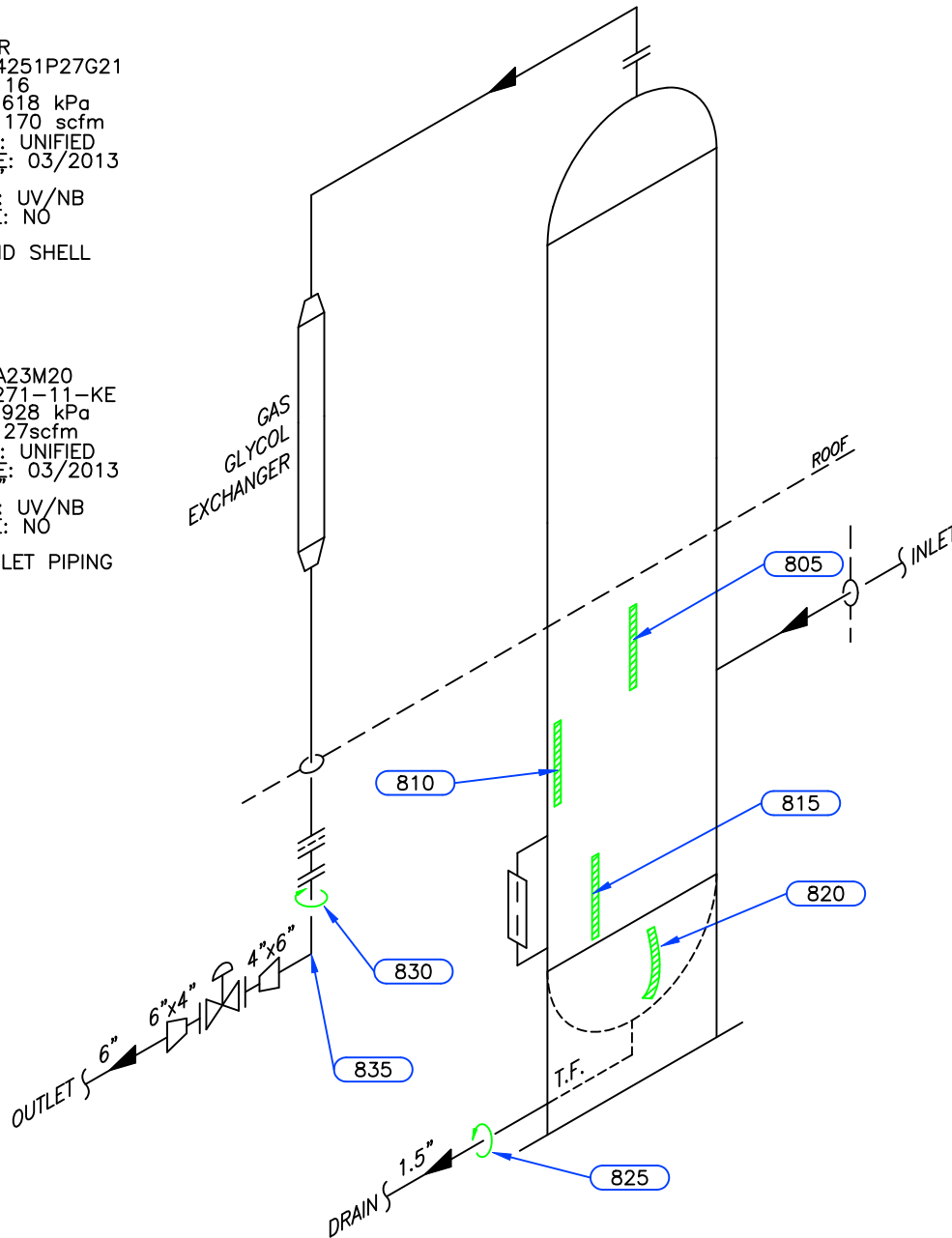


PSV DATA

MFG: MERCER
 MODEL: 8134251P27G21
 SERIAL: A76116
 SET PRES: 9618 kPa
 CAPACITY: 11170 scfm
 SERVICED BY: UNIFIED
 SERVICE DATE: 03/2013
 SIZE: 1.5"x2"
 CODE STAMP: UV/NB
 BLOCK VALVE: NO
 CRN: NO
 LOCATION: MID SHELL
 TAG: 5862F

PSV DATA

MFG: FARRIS
 MODEL: 27DA23M20
 SERIAL: 470271-11-KE
 SET PRES: 9928 kPa
 CAPACITY: 3127scfm
 SERVICED BY: UNIFIED
 SERVICE DATE: 03/2013
 SIZE: .75"x1"
 CODE STAMP: UV/NB
 BLOCK VALVE: NO
 CRN: NO
 LOCATION: INLET PIPING
 TAG: 17154F



Equip. No. _____ Prov. Reg. No. Ⓐ 413259 C.R.N. L-7377.21 Serial No. 02-3171-1 Yr. Inst. _____
 Code/Div. ASME VIII, DIV1 Size: 30in x 20ft Manufacturer: OPSCO ENERGY INDUSTRIES LIMITED Yr. Blt. 1999
 C. Stamp: U Service: SOUR PWHT: HT Radiography: RT-1 Insulated: NO

Design & Materials Data

HEAD:
 Top Mat'l. SA 516 70N Top Nom. 31.8mm Top C.A. 3.2mm
 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 70N Nominal: 34.9mm C.A. 3.2mm
 MAWP Shell Side: 9619 kPa @ Temp. 66°C
 MAWP Tube Side: _____ @ Temp. _____

CLIENT	CANADIAN NATURAL RESOURCES		
FACILITY	CYPRESS COMPRESSOR STATION LSD c-61-L/94-B-15		
ITEM	GLYCOL CONTACTOR		
BY: KM	DATE: 01/2009	DWG.# 8	

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: GLYCOL CONTACTOR
CRN#: L-7377.21
PROV REG: A 413259
TESTED ON STREAM

FACILITY: CYPRESS COMPRESSOR STATION
SERVICE: SOUR
LOCATION: c-61-L/94-B-15
RTD JOB #: 10.112980
REFER TO DRAWING: 8

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
805												
Description:	MID SHELL											
	2009	1	2013	4								
Min. Thick.	35.4		35.4		31.70		3.2	34.90	0	0		
Average:	35.8		35.8									
Analysis:												
810												
Description:	MID SHELL											
	2009	1	2013	4								
Min. Thick.	35.5		35.5		31.70		3.2	34.90	0	0		
Average:	35.7		35.7									
Analysis:												
815												
Description:	LOWER SHELL											
	2009	1	2013	4								
Min. Thick.	35.5		35.5		31.70		3.2	34.90	0	0		
Average:	35.8		35.8									
Analysis:												
820												
Description:	BOTTOM HEAD											
	2009	1	2013	4								
Min. Thick.	35.3		35.3		28.60		3.2	31.80	0	0		
Average:	36.1		36.1									
Analysis:	2009/1 MIN SCAN AT SKIRT											

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: GLYCOL CONTACTOR PIPING
CRN#:
PROV REG:
TESTED ON STREAM

FACILITY: CYPRESS COMPRESSOR STATION
SERVICE: SOUR
LOCATION: c-61-L/94-B-15
RTD JOB #: 10.112980
REFER TO DRAWING: 8

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
825												
Description:	1.5" CIRC BAND											
	2009	1	2013	4								
Min. Thick.	9.9		9.9		8.93		1.3	10.20	0	0		
Average:	10.3		10.3						0	0		
Analysis:	2009/1 MIN SCAN AT 10:00 POSITION											
830												
Description:	6" CIRC BAND											
	2009	1	2013	4								
Min. Thick.	10.8		10.8		9.63		1.4	11.00	0	0		
Average:	11		11						0	0		
Analysis:												
835												
Description:	6" 90° ELBOW											
	2009	1	2013	4								
Min. Thick.	10.2		10.2		9.63		1.4	11.00	0	0		
Average:	10.8		10.8						0	0		
Analysis:	2009/1 MIN SCAN AT WELDS											