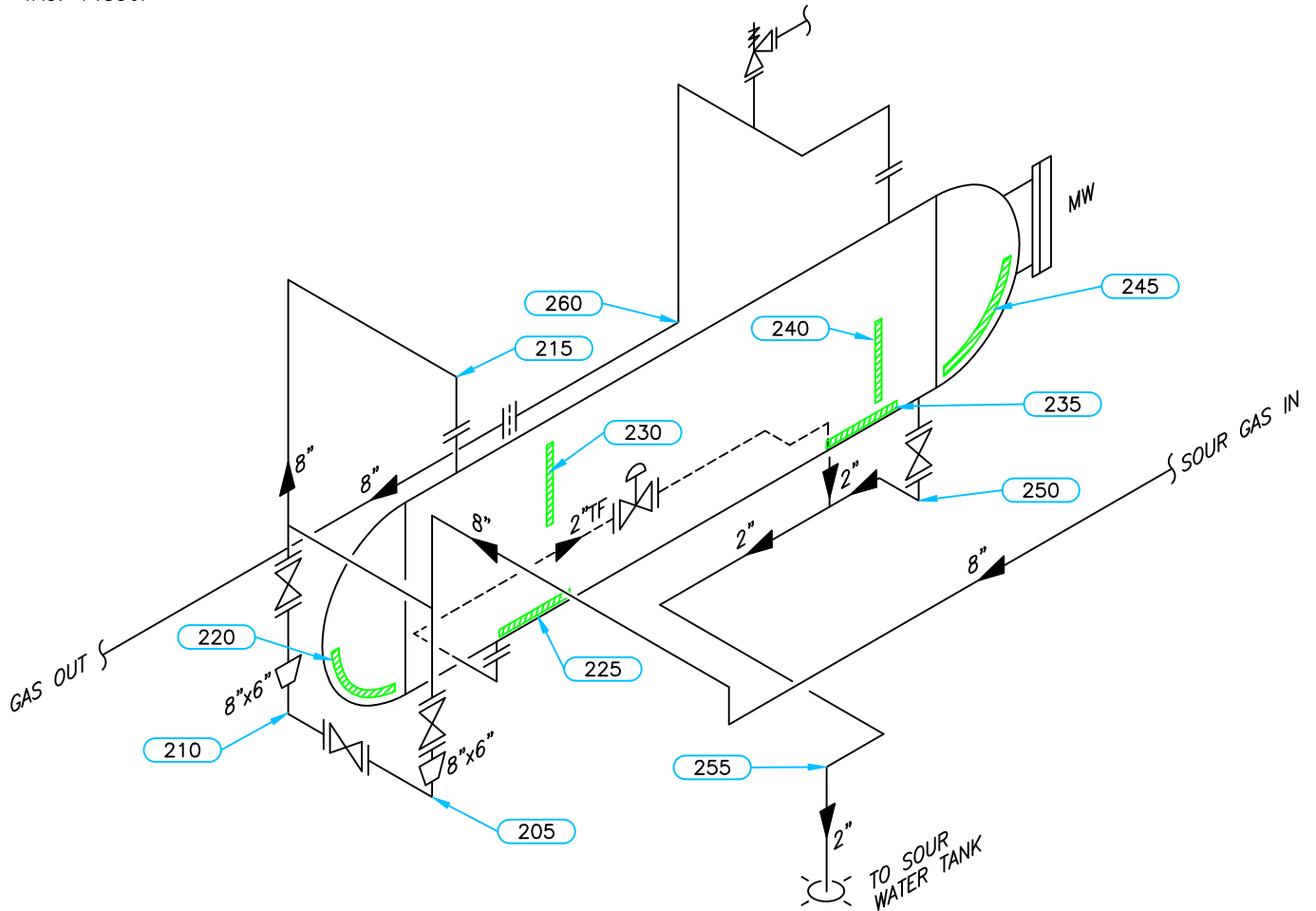


PSV DATA

MFG: CONSOLIDATED
 MODEL: 1912JC-2-XSG11
 SERIAL: TH 70200
 SET PRES: 9308 kPa
 CAPACITY: 35044 SCFM
 SERVICED BY: UNIFIED VALVE
 SERVICE DATE: 07/09
 SIZE: 2.5" x 4"
 CODE STAMP: UV
 BLOCK VALVE: YES, LOCKED OPEN
 CRN: 01832.52
 LOCATION: OUTLET PIPING
 TAG: 14836F



Equip. No. _____ Prov. Reg. No. **2564852** C.R.N. **H-7272.21** Serial No. **TW 89J022** Yr. Inst. _____
 Code/Div. **ASME VIII, DIV 1** Size: **54in x 144in** Manufacturer: **TYSON WELDING** Yr. Bld. **1989**
 C. Stamp: **U** Service: **SOUR** PWHT: **HT** Radiography: **RT-1** Insulated: **NO**

Design & Materials Data

HEAD:
 Top Mat'l. **SA 516 70N** Top Nom. **56.4mm** 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: **57.0mm** C.A. **3.2mm**

MAWP Shell Side: **9308 kPa** @ Temp. **66°C**
 MAWP Tube Side: _____ @ Temp. _____

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	CYPRESS GAS PLANT LSD b-99-C/94-B-16	
ITEM	INLET (V101) SEPARATOR	
BY: KM	DATE: 01/2009	DWG.# 2

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: INLET SEPARATOR
CRN#: H-7272.21
PROV REG: A 2564852
TESTED ON STREAM

FACILITY: CYPRESS GAS PLANT
SERVICE: SOUR
LOCATION: b-99-C/94-B-16
RTD JOB #: 10.112596
REFER TO DRAWING: 2

Test Point	THICKNESS DATA					Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
220													
Description: LOWER HEAD													
	2009	1	2013	1									
Min. Thick.	57.5		57.5		53.20		3.2	56.40	0	0			
Average:	58		58						0	0			
Analysis: 01/2013 MIN SCAN AT KNUCKLE													
225													
Description: BOTTOM SHELL													
	2005	5	2009	1	2013	1							
Min. Thick.	59.1		58.5		58.5		53.80	54.0	3.2	57.00	0	.08	
Average:	59.3		59		59					0	.04		2058
Analysis:													
230													
Description: MID SHELL													
	2005	5	2009	1	2013	1							
Min. Thick.	60.3		58.9		58.9		53.80		3.2	57.00	0	.18	
Average:	60		59.3		59.3					0	.09		
Analysis:													
235													
Description: BOTTOM SHELL													
	2005	5	2009	1	2013	1							
Min. Thick.	59.6		58.8		58.8		53.80		3.2	57.00	0	.1	
Average:	59.3		59.4		59.4					0	0		
Analysis:													
240													
Description: LOWER SHELL													
	2005	5	2009	1	2013	1							
Min. Thick.	59.2		58.8		58.8		53.80		3.2	57.00	0	.05	
Average:	59.5		59.4		59.4					0	.01		
Analysis:													
245													
Description: BOTTOM HEAD													
	2005	5	2009	1	2013	1							
Min. Thick.	58.2		57.8		57.8		53.20	51.8	3.2	56.40	0	.05	
Average:	59.5		58.6		58.6					0	.12		2041
Analysis: 01/2013 MIN SCAN AT KNUCKLE													

UTS DATA

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

FACILITY: CYPRESS GAS PLANT
SERVICE: SOUR
LOCATION: b-99-C/94-B-16
RTD JOB #: 10.112596
REFER TO DRAWING: 2

Test Point	THICKNESS DATA					Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
205													
Description: 6" 90° ELBOW													
	2009	1	2013	1									
Min. Thick.	11.2		11.2		9.63		1.4	11.00	0	0			
Average:	11.4		11.4						0	0			
Analysis:													
210													
Description: 6" 90° ELBOW													
	2005	5	2009	1	2013	1							
Min. Thick.	11.4		11		11		9.63	1.4	11.00	0		.05	
Average:	11.5		11.2		11.2					0		.04	
Analysis:													
215													
Description: 8" 90° ELBOW													
	2009	1	2009	2	2013	1							
Min. Thick.	12.2		12.2		12.2		11.11	1.6	12.70	0		0	
Average:	13		13		13					0		0	
Analysis: 01/2013 MIN SCAN AT MID APEX													
250													
Description: 2" 90° ELBOW													
	2009	1	2013	1									
Min. Thick.	9		8.7				4.81	.7	5.50	.08		.08	
Average:	9.2		9							.05		.05	
Analysis:													
255													
Description: 2" 90° ELBOW													
	2009	1	2013	1									
Min. Thick.	4		4				4.81	2.8	.7	5.50	0	0	
Average:	4.1		4.1							0		0	
Analysis: RETIREMENT DATE: 2061													
260													
Description: 8" 90° ELBOW													
	2005	5	2009	1	2013	1							
Min. Thick.	13.4		13.2		13.2		11.11	1.6	12.70	0		.03	
Average:	13.5		13.4		13.4					0		.01	
Analysis:													