



03/2020 - PSV AWAY FOR SERVICE

Equip. No. _____ Prov. Reg. No. Ⓐ 535747 C.R.N. R-0733.21 Serial No. 05.328HS Yr. Inst. _____
 Code/Div. ASME, VIII DIV1 Size: 72in x 360in Manufacturer: OBAN INDUSTRIES Yr. Blt. 2006
 C. Stamp: U Service: SWEET PWHT: NIL Radiography: RT-2 Insulated: NO

Design & Materials Data

HEAD:
 Mat'l. SA 516 70N Nom. 32.8mm C.A. 1.6mm
 Mat'l. _____ Nom. _____ 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: 31.8mm C.A. 1.6mm

MAWP Shell Side: 4516 kPa @ Temp. 66°C
 MAWP Tube Side: _____ @ Temp. _____

CLIENT	CANADIAN NATURAL RESOURCES LTD.	
FACILITY	GUTAH COMPRESSOR STATION LSD a-98-L/94-H-10 W6M	
ITEM	INLET SEPARATOR	
BY: JK	DATE: 2007/02	DWG.# 21

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: INLET SEPARATOR
CRN#: R-0733.21
PROV REG: A 535747
TESTED ON STREAM

FACILITY: GUTAH COMPRESSOR STATION
SERVICE: SWEET
LOCATION: a-98-L/94-H-10
RTD JOB #: 4016380
REFER TO DRAWING: 21

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
215												
Description: UPPER HEAD												
	2007	2	2020	3								
Min. Thick.	35.8		35.8		31.20		1.6	32.80	0	0		
Average:	36.1		36.1						0	0		
Analysis:												
220												
Description: BOTTOM SHELL												
	2007	2	2020	3								
Min. Thick.	32.3		32.3		30.20		1.6	31.80	0	0		
Average:	32.4		32.4						0	0		
Analysis:												
225												
Description: MID SHELL												
	2007	2	2020	3								
Min. Thick.	32.2		32.2		30.20		1.6	31.80	0	0		
Average:	32.4		32.4						0	0		
Analysis:												
230												
Description: LOWER SHELL												
	2007	2	2020	3								
Min. Thick.	32.2		32.2		30.20		1.6	31.80	0	0		
Average:	32.4		32.4						0	0		
Analysis:												
235												
Description: BOTTOM SHELL												
	2007	2	2020	3								
Min. Thick.	32		32		30.20		1.6	31.80	0	0		
Average:	32.2		32.2						0	0		
Analysis:												
240												
Description: LOWER SHELL												
	2007	2	2020	3								
Min. Thick.	32.1		32.1		30.20		1.6	31.80	0	0		
Average:	32.2		32.2						0	0		
Analysis:												

UTS DATA

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FACILITY: GUTAH COMPRESSOR STATION
SERVICE: SWEET
LOCATION: a-98-L/94-H-10
RTD JOB #: 4016380
REFER TO DRAWING: 21

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date		
245														
Description:	BOTTOM SHELL													
	2007	2	2020	3										
Min. Thick.	32		32		30.20		1.6	31.80	0	0				
Average:	32.2		32.2										0	0
Analysis:														
250														
Description:	UPPER SHELL													
	2007	2	2020	3										
Min. Thick.	32.2		32.2		30.20		1.6	31.80	0	0				
Average:	32.3		32.3										0	0
Analysis:														
255														
Description:	TOP SHELL													
	2007	2	2020	3										
Min. Thick.	31.8		31.8		30.20		1.6	31.80	0	0				
Average:	32.1		32.1										0	0
Analysis:														
260														
Description:	UPPER SHELL													
	2007	2	2020	3										
Min. Thick.	32.1		32.1		30.20		1.6	31.80	0	0				
Average:	32.2		32.2										0	0
Analysis:														
265														
Description:	LOWER HEAD													
	2007	2	2020	3										
Min. Thick.	35.5		35.5		11.20		1.6	12.80	0	0				
Average:	36		36										0	0
Analysis:														
270														
Description:	UPPER HEAD													
	2007	2	2020	3										
Min. Thick.	35.6		35.6		31.20		1.6	32.80	0	0				
Average:	36.4		36.4										0	0
Analysis:	2007/02 MIN SCAN AT KNUCKLE.													

UTS DATA

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FACILITY: GUTAH COMPRESSOR STATION
SERVICE: SWEET
LOCATION: a-98-L/94-H-10
RTD JOB #: 4016380
REFER TO DRAWING: 21

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
280												
Description:	3" 90° NOZZLE											
	2007	2	2020	3								
Min. Thick.	14.3		14.3		13.60	2.5	1.6	15.20	0	0		
Average:	14.4		14.4						0	0		2204
Analysis:	03/2020 - THICKNESS CALCULATIONS CARRIED OUT TO 1.4mm. API 510 REFERENCES 2.5mm AS MINIMUM THICKNESS REQUIRED FOR PRESSURE VESSELS AND PIPING.											

UTS DATA

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

FACILITY: GUTAH COMPRESSOR STATION
SERVICE: SWEET
LOCATION: a-98-L/94-H-10
RTD JOB #: 4016380
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Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
205												
Description:	8" 90° ELBOW											
	2007	2	2020	3								
Min. Thick.	7.4		7.4		7.20		1	8.20	0	0		
Average:	7.7		7.7						0	0		
Analysis:												
210												
Description:	8" 90° ELBOW											
	2007	2	2020	3								
Min. Thick.	8		8		7.20		1	8.20	0	0		
Average:	8.3		8.3						0	0		
Analysis:												
275												
Description:	8" 90° ELBOW											
	2007	2	2020	3								
Min. Thick.	8		8		7.20		1	8.20	0	0		
Average:	8.5		8.5						0	0		
Analysis:	2007/02 MIN SCAN AT 15mm from U.S.W.											