



Equip. No. _____ Prov. Reg. No. **(A) C 45029** C.R.N. **NON CODE** Serial No. **SWT 0175** Yr. Inst. _____
 Code/Div. **NON CODE** Size: **4ft x 10ft** Manufacturer: **SWATECH INDUSTRIES** Yr. Blt. **2002**
 C. Stamp: **NONE** Service: **SOUR** PWHT: **NIL** Radiography: **NIL** Insulated: **NO**

Design & Materials Data

HEAD:
 Top Mat'l. **SA 516 70** Top Nom. **9.5mm** 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: **103 kPa** @ Temp. **38°C**
 MAWP Tube Side: _____ @ Temp. _____

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	FLAT ROCK BATTERY LSD 15-20-85-17 W6M	
ITEM	FLARE KNOCK OUT DRUM	
BY: KB	DATE: 02/2011	DWG.# 17

UTS DATA

CLIENT CANADIAN NATURAL RESOURCES
EQUIPMENT FLARE KNOCK OUT DRUM
CRN#
PROV REG C 45029
TESTEI ON STREAM

FACILITY FLAT ROCK BATTERY
SERVICE SOUR
LOCATION 15-20-85-17 W6M
RTD JOB # 10.116029
REFER TO DRAWING 17

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
1705												
Description:	6" 90° NOZZLE											
	2011	2	2015	3								
Min. Thick.	6.6		5		5.50	1.6	1.6	7.10	.39	.39		
Average:	6.9		5.2						.42	.42		2024
Analysis:												
1710												
Description:	BOTTOM HEAD											
	2011	2	2015	3								
Min. Thick.	9.6		9.3		7.90	1.6	1.6	9.50	.07	.07		
Average:	9.9		9.5						.1	.1		2118
Analysis:												
1715												
Description:	UPPER SHELL											
	2011	2	2015	3								
Min. Thick.	10.6		10.2		7.90		1.6	9.50	.1	.1		
Average:	10.7		10.4						.07	.07		
Analysis:												
1720												
Description:	LOWER SHELL											
	2011	2	2015	3								
Min. Thick.	10.2		9.9		7.90		1.6	9.50	.07	.07		
Average:	10.3		10.1						.05	.05		
Analysis:												
1725												
Description:	BOTTOM SHELL											
	2011	2	2015	3								
Min. Thick.	10		9.7		7.90	1.6	1.6	9.50	.07	.07		
Average:	10.1		10						.02	.02		2123
Analysis:												
1730												
Description:	BOTTOM HEAD											
	2011	2	2015	3								
Min. Thick.	9.5		9.2		7.90	1.6	1.6	9.50	.07	.07		
Average:	9.8		9.5						.07	.07		2116
Analysis:												

UTS DATA

CLIENT CANADIAN NATURAL RESOURCES
EQUIPMENT FLARE KNOCK OUT DRUM
CRN#
PROV REG C 45029
TESTEI ON STREAM

FACILITY FLAT ROCK BATTERY
SERVICE SOUR
LOCATION 15-20-85-17 W6M
RTD JOB # 10.116029
REFER TO DRAWING 17

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
1735												
Description:	3" 90° NOZZLE											
	2011	2	2015	3								
Min. Thick.	5.4		5.3		3.90		1.6	5.50	.02		.02	
Average:	5.6		5.5						.02		.02	
Analysis:												
1740												
Description:	6" 90° NOZZLE											
	2011	2	2015	3								
Min. Thick.	7.7		7.3		5.50		1.6	7.10	.1		.1	
Average:	8		7.8						.05		.05	
Analysis:												