



Column Cooler Exchanger Furnace Heater Plate Exchanger Reboiler Vessel Other

Client:, District:, LSD:, Etc.:

Description:		OIL SEPARATOR			
P.R.N. No.:	A0536046	Size:	N/S		
Equipment No.:	E51795	N.B. No.:	N/S		
Serial No.:	80396402C	SASK#:	S05116		
HEAD Material:	SA-516-70N	Nominal:	17.46mm	C.A.:	1.59mm
HEAD Material:		Nominal:			
SHELL Material:	SA-516-70N	Nominal:	19.05mm	C.A.:	1.59mm
SHELL Material:		Nominal:			
MAWP S.Side @TEMP:	2758 KPA @121°C	MAWP T.Side @TEMP:			

ENERPLUS CORPORATION
SHALLOW GAS: SHACKLETON
SCEPTRE

04-29-021-23W3M

Comments: _____

Tech.: A.A.C.

Date: 09/2015

ITS Job No.: 2-3339

DWG No.: 002

CLIENT:	Enerplus Corporation	PROV. REG. #:	S05116 / A0536046
FACILITY:	Sceptre	SERIAL #:	80396402C
UNIT/AREA:	Sceptre	EQUIP. NO.:	E51795
LSD:	04-29-021-23W3M		
DESCRIPTION:	Oil Separator		

DWG #: (002)

CML No.: 05 8" 90L INLET E-N 150#

NOM. THICK.: 8.18 mm
 CA: 1.02 mm
 MIN. NOM.: 7.16 mm

MATERIAL:
 MINIMUM THICKNESS MEASURED: **8.10 mm**
 AVERAGE THICKNESS MEASURED: 8.25 mm

Rdg.	B/L Thick.	Short Term mm/yr	Long Term mm/yr	Rem. Half Life
09/2015				
1	8.40	0.0000	0.0000	
2	8.20	0.0000	0.0000	
3	8.20	0.0000	0.0000	
4	8.20	0.0000	0.0000	
5	8.10	0.0000	0.0000	
6	8.10	0.0000	0.0000	
7	8.30	0.0000	0.0000	
8	8.40	0.0000	0.0000	
9	8.30	0.0000	0.0000	
10	8.30	0.0000	0.0000	

CML No.: 10 TOP HEAD T-B

NOM. THICK.: 17.46 mm
 CA: 1.59 mm
 MIN. NOM.: 15.87 mm

MATERIAL: SA-516-70N
 MINIMUM THICKNESS MEASURED: **19.90 mm**
 AVERAGE THICKNESS MEASURED: 20.17 mm

Rdg.	B/L Thick.	Short Term mm/yr	Long Term mm/yr	Rem. Half Life
09/2015				
1	19.90	0.0000	0.0000	
2	19.90	0.0000	0.0000	
3	20.00	0.0000	0.0000	
4	20.20	0.0000	0.0000	
5	20.00	0.0000	0.0000	
6	21.00	0.0000	0.0000	

CLIENT:	Enerplus Corporation	PROV. REG. #:	S05116 / A0536046
FACILITY:	Sceptre	SERIAL #:	80396402C
UNIT/AREA:	Sceptre	EQUIP. NO.:	E51795
LSD:	04-29-021-23W3M		
DESCRIPTION:	Oil Separator		

DWG #: (002)

CML No.: 15 TOP SHELL T-B

NOM. THICK.: 19.05 mm
 CA: 1.59 mm
 MIN. NOM.: 17.46 mm

MATERIAL: SA-516-70N
 MINIMUM THICKNESS MEASURED: **19.70 mm**
 AVERAGE THICKNESS MEASURED: 19.80 mm

Rdg.	B/L Thick.	Short Term mm/yr	Long Term mm/yr	Rem. Half Life
09/2015				
1	19.80	0.0000	0.0000	
2	19.80	0.0000	0.0000	
3	19.90	0.0000	0.0000	
4	19.80	0.0000	0.0000	
5	19.80	0.0000	0.0000	
6	19.70	0.0000	0.0000	

CML No.: 20 MID SHELL T-B

NOM. THICK.: 19.05 mm
 CA: 1.59 mm
 MIN. NOM.: 17.46 mm

MATERIAL: SA-516-70N
 MINIMUM THICKNESS MEASURED: **19.80 mm**
 AVERAGE THICKNESS MEASURED: 19.85 mm

Rdg.	B/L Thick.	Short Term mm/yr	Long Term mm/yr	Rem. Half Life
09/2015				
1	19.90	0.0000	0.0000	
2	19.80	0.0000	0.0000	
3	19.80	0.0000	0.0000	
4	19.80	0.0000	0.0000	
5	19.90	0.0000	0.0000	
6	19.90	0.0000	0.0000	

CLIENT:	Enerplus Corporation	PROV. REG. #:	S05116 / A0536046
FACILITY:	Sceptre	SERIAL #:	80396402C
UNIT/AREA:	Sceptre	EQUIP. NO.:	E51795
LSD:	04-29-021-23W3M		
DESCRIPTION:	Oil Separator		

DWG #: (002)

CML No.: 25 BTM SHELL T-B

NOM. THICK.: 19.05 mm
 CA: 1.59 mm
 MIN. NOM.: 17.46 mm

MATERIAL: SA-516-70N
 MINIMUM THICKNESS MEASURED: **19.80 mm**
 AVERAGE THICKNESS MEASURED: 19.86 mm

Rdg.	B/L Thick.	Short Term mm/yr	Long Term mm/yr	Rem. Half Life
09/2015				
1	19.80	0.0000	0.0000	
2	19.80	0.0000	0.0000	
3	19.90	0.0000	0.0000	
4	19.80	0.0000	0.0000	
5	19.90	0.0000	0.0000	
6	19.90	0.0000	0.0000	
7	19.90	0.0000	0.0000	
8	19.90	0.0000	0.0000	

CML No.: 30 BTM HEAD T-B

NOM. THICK.: 17.46 mm
 CA: 1.59 mm
 MIN. NOM.: 15.87 mm

MATERIAL: SA-516-70N
 MINIMUM THICKNESS MEASURED: **20.00 mm**
 AVERAGE THICKNESS MEASURED: 20.18 mm

Rdg.	B/L Thick.	Short Term mm/yr	Long Term mm/yr	Rem. Half Life
09/2015				
1	20.50	0.0000	0.0000	
2	20.30	0.0000	0.0000	
3	20.10	0.0000	0.0000	
4	20.10	0.0000	0.0000	
5	20.00	0.0000	0.0000	
6	20.10	0.0000	0.0000	

CLIENT:	Enerplus Corporation	PROV. REG. #:	S05116 / A0536046
FACILITY:	Sceptre	SERIAL #:	80396402C
UNIT/AREA:	Sceptre	EQUIP. NO.:	E51795
LSD:	04-29-021-23W3M		
DESCRIPTION:	Oil Separator		

DWG #: (002)

CML No.: 35 8" 90L OUTLET N-E 150#

NOM. THICK.: 8.18 mm
 CA: 1.02 mm
 MIN. NOM.: 7.16 mm

MATERIAL:
 MINIMUM THICKNESS MEASURED: **8.20 mm**
 AVERAGE THICKNESS MEASURED: 8.37 mm

Rdg.	B/L Thick.	Short Term mm/yr	Long Term mm/yr	Rem. Half Life
09/2015				
1	8.50	0.0000	0.0000	
2	8.30	0.0000	0.0000	
3	8.30	0.0000	0.0000	
4	8.30	0.0000	0.0000	
5	8.40	0.0000	0.0000	
6	8.40	0.0000	0.0000	
7	8.20	0.0000	0.0000	
8	8.30	0.0000	0.0000	
9	8.50	0.0000	0.0000	
10	8.50	0.0000	0.0000	

CML No.: 40 3" 45L DRAIN NOZZLE T-B

NOM. THICK.:
 CA:
 MIN. NOM.:

MATERIAL:
 MINIMUM THICKNESS MEASURED: **7.70 mm**
 AVERAGE THICKNESS MEASURED: 7.92 mm

Rdg.	B/L Thick.	Short Term mm/yr	Long Term mm/yr	Rem. Half Life
09/2015				
1	8.30	0.0000	0.0000	
2	7.90	0.0000	0.0000	
3	7.80	0.0000	0.0000	
4	7.80	0.0000	0.0000	
5	7.70	0.0000	0.0000	
6	8.00	0.0000	0.0000	