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|--|-----------------------|--------------------|-------------------|-------|---|--------|----------|---------|
| <input type="checkbox"/> Column <input type="checkbox"/> Cooler <input type="checkbox"/> Exchanger <input type="checkbox"/> Furnace <input type="checkbox"/> Heater <input type="checkbox"/> Plate Exchanger <input type="checkbox"/> Reboiler <input checked="" type="checkbox"/> Vessel <input type="checkbox"/> Other | | | | | Client:, District:, LSD:, Etc.: | | | |
| Description: | | INLET SEPARATOR | | | ENERPLUS CORPORATION LANCER 12-26-021-20W3M | | | |
| P.R.N. No.: | A0490117 | Size: | 1009.7ID X 3048mm | | | | | |
| Equipment No.: | E48859 | N.B. No.: | N/S | | | | | |
| Serial No.: | PE7869 | | | | | | | |
| HEAD Material: | SA-516-70N | Nominal: | 25.4mm | C.A.: | | | 3.18mm | |
| HEAD Material: | | Nominal: | | | | | | |
| SHELL Material: | SA-516-70N | Nominal: | 28.58mm | C.A.: | 3.18mm | | | |
| SHELL Material: | | Nominal: | | | | | | |
| MAWP S.Side @TEMP: | 4964 KPA @ 54°C/-29°C | MAWP T.Side @TEMP: | | | | | | |
| Comments: | | | | | Tech.: | A.A.C. | Date: | 05/2015 |
| | | | | | ITS Job #: | 2-3227 | DWG No.: | 001 |

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|--------------|-----------------------------|---------------|----------|
| CLIENT: | Enerplus Corporation | PROV. REG. #: | A0490117 |
| FACILITY: | Lancer | SERIAL #: | PE7869 |
| UNIT/AREA: | Lancer | EQUIP. NO.: | E48859 |
| LSD: | 12-26-021-20W3M | | |
| DESCRIPTION: | Inlet Separator | | |

DWG #: (001)

CML No.: 05 8" 90L INLET T-B 300#

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

MATERIAL:
 MINIMUM THICKNESS MEASURED: **8.70 mm**
 AVERAGE THICKNESS MEASURED: 8.84 mm

| Rdg. | B/L Thick. | Short Term mm/yr | Long Term mm/yr | Rem. Half Life |
|---------|---------------|------------------------|-----------------------|----------------------|
| 05/2015 | | | | |
| 1 | 8.90 | 0.0000 | 0.0000 | |
| 2 | 8.70 | 0.0000 | 0.0000 | |
| 3 | 9.00 | 0.0000 | 0.0000 | |
| 4 | 8.90 | 0.0000 | 0.0000 | |
| 5 | 8.90 | 0.0000 | 0.0000 | |
| 6 | 8.90 | 0.0000 | 0.0000 | |
| 7 | 8.90 | 0.0000 | 0.0000 | |
| 8 | 8.70 | 0.0000 | 0.0000 | |
| 9 | 8.80 | 0.0000 | 0.0000 | |
| 10 | 8.70 | 0.0000 | 0.0000 | |

CML No.: 10 WEST HEAD T-B

NOM. THICK.: 25.40 mm
 CA: 3.18 mm
 MIN. NOM.: 22.22 mm

MATERIAL: SA-516-70N
 MINIMUM THICKNESS MEASURED: **29.10 mm**
 AVERAGE THICKNESS MEASURED: 29.47 mm

| Rdg. | B/L Thick. | Short Term mm/yr | Long Term mm/yr | Rem. Half Life |
|---------|---------------|------------------------|-----------------------|----------------------|
| 05/2015 | | | | |
| 1 | 30.30 | 0.0000 | 0.0000 | |
| 2 | 29.90 | 0.0000 | 0.0000 | |
| 3 | 29.30 | 0.0000 | 0.0000 | |
| 4 | 29.10 | 0.0000 | 0.0000 | |
| 5 | 29.10 | 0.0000 | 0.0000 | |
| 6 | 29.10 | 0.0000 | 0.0000 | |

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|--------------|-----------------------------|---------------|----------|
| CLIENT: | Enerplus Corporation | PROV. REG. #: | A0490117 |
| FACILITY: | Lancer | SERIAL #: | PE7869 |
| UNIT/AREA: | Lancer | EQUIP. NO.: | E48859 |
| LSD: | 12-26-021-20W3M | | |
| DESCRIPTION: | Inlet Separator | | |

DWG #: (001)

CML No.: 15 TOP SHELL W-E

NOM. THICK.: 28.58 mm
 CA: 3.18 mm
 MIN. NOM.: 25.40 mm

MATERIAL: SA-516-70N
 MINIMUM THICKNESS MEASURED: **29.70 mm**
 AVERAGE THICKNESS MEASURED: **29.78 mm**

| Rdg. | B/L Thick. | Short Term mm/yr | Long Term mm/yr | Rem. Half Life |
|------|------------|------------------|-----------------|----------------|
| | 05/2015 | | | |
| 1 | 29.80 | 0.0000 | 0.0000 | |
| 2 | 29.80 | 0.0000 | 0.0000 | |
| 3 | 29.80 | 0.0000 | 0.0000 | |
| 4 | 29.70 | 0.0000 | 0.0000 | |
| 5 | 29.80 | 0.0000 | 0.0000 | |
| 6 | 29.80 | 0.0000 | 0.0000 | |

CML No.: 20 SIDE SHELL T-B

NOM. THICK.: 28.58 mm
 CA: 3.18 mm
 MIN. NOM.: 25.40 mm

MATERIAL: SA-516-70N
 MINIMUM THICKNESS MEASURED: **29.80 mm**
 AVERAGE THICKNESS MEASURED: **29.95 mm**

| Rdg. | B/L Thick. | Short Term mm/yr | Long Term mm/yr | Rem. Half Life |
|------|------------|------------------|-----------------|----------------|
| | 05/2015 | | | |
| 1 | 30.10 | 0.0000 | 0.0000 | |
| 2 | 30.00 | 0.0000 | 0.0000 | |
| 3 | 29.90 | 0.0000 | 0.0000 | |
| 4 | 29.90 | 0.0000 | 0.0000 | |
| 5 | 29.80 | 0.0000 | 0.0000 | |
| 6 | 30.00 | 0.0000 | 0.0000 | |

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|--------------|-----------------------------|---------------|----------|
| CLIENT: | Enerplus Corporation | PROV. REG. #: | A0490117 |
| FACILITY: | Lancer | SERIAL #: | PE7869 |
| UNIT/AREA: | Lancer | EQUIP. NO.: | E48859 |
| LSD: | 12-26-021-20W3M | | |
| DESCRIPTION: | Inlet Separator | | |

DWG #: (001)

CML No.: 25 BTM SHELL W-E

NOM. THICK.: 28.58 mm
 CA: 3.18 mm
 MIN. NOM.: 25.40 mm

MATERIAL: SA-516-70N
 MINIMUM THICKNESS MEASURED: **29.40 mm**
 AVERAGE THICKNESS MEASURED: 29.48 mm

| Rdg. | B/L Thick. | Short Term mm/yr | Long Term mm/yr | Rem. Half Life |
|---------|---------------|------------------------|-----------------------|----------------------|
| 05/2015 | | | | |
| 1 | 29.50 | 0.0000 | 0.0000 | |
| 2 | 29.40 | 0.0000 | 0.0000 | |
| 3 | 29.50 | 0.0000 | 0.0000 | |
| 4 | 29.50 | 0.0000 | 0.0000 | |
| 5 | 29.50 | 0.0000 | 0.0000 | |
| 6 | 29.50 | 0.0000 | 0.0000 | |

CML No.: 30 EAST HEAD T-B

NOM. THICK.: 25.40 mm
 CA: 3.18 mm
 MIN. NOM.: 22.22 mm

MATERIAL: SA-516-70N
 MINIMUM THICKNESS MEASURED: **28.70 mm**
 AVERAGE THICKNESS MEASURED: 29.47 mm

| Rdg. | B/L Thick. | Short Term mm/yr | Long Term mm/yr | Rem. Half Life |
|---------|---------------|------------------------|-----------------------|----------------------|
| 05/2015 | | | | |
| 1 | 29.70 | 0.0000 | 0.0000 | |
| 2 | 29.80 | 0.0000 | 0.0000 | |
| 3 | 28.80 | 0.0000 | 0.0000 | |
| 4 | 28.70 | 0.0000 | 0.0000 | |
| 5 | 29.40 | 0.0000 | 0.0000 | |
| 6 | 30.40 | 0.0000 | 0.0000 | |

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|--------------|-----------------------------|---------------|----------|
| CLIENT: | Enerplus Corporation | PROV. REG. #: | A0490117 |
| FACILITY: | Lancer | SERIAL #: | PE7869 |
| UNIT/AREA: | Lancer | EQUIP. NO.: | E48859 |
| LSD: | 12-26-021-20W3M | | |
| DESCRIPTION: | Inlet Separator | | |

DWG #: (001)

CML No.: 35 6" 90L OUTLET B-T 300#

NOM. THICK.: 10.97 mm
CA: 1.37 mm
MIN. NOM.: 9.60 mm

MATERIAL:
MINIMUM THICKNESS MEASURED: **11.30 mm**
AVERAGE THICKNESS MEASURED: 11.40 mm

| Rdg. | B/L Thick. | Short Term mm/yr | Long Term mm/yr | Rem. Half Life |
|------|---------------|------------------------|-----------------------|----------------------|
| | 05/2015 | | | |
| 1 | 11.30 | 0.0000 | 0.0000 | |
| 2 | 11.50 | 0.0000 | 0.0000 | |
| 3 | 11.30 | 0.0000 | 0.0000 | |
| 4 | 11.50 | 0.0000 | 0.0000 | |
| 5 | 11.40 | 0.0000 | 0.0000 | |
| 6 | 11.30 | 0.0000 | 0.0000 | |
| 7 | 11.50 | 0.0000 | 0.0000 | |
| 8 | 11.40 | 0.0000 | 0.0000 | |