

**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

PROCESS MACHINERY AND EQUIPMENT

COMMON PROCESS STREAM

- 10 – AMBASSADOR HEAT TRANSFER CO FEED STOCK HEAT EXCHANGER, SHELL AND TUBE
05-994-1 (Mfg. 2005) Shell Side MAWP 150/FV psig @350°, MDPW 55° F @150/FV psig; Tube Side MAWP 150/FV psig@350° F MDWP 55° F @150/FV psig; with Piping, Valve and Manifold, Insulated having Metal Exterior Cladding, with Metal Mounting Stand; Co. No. ME121.
- 11 – AMBASSADOR HEAT TRANSFER COMPANY METHYL ESTERS HEATER
05-994-4 (Mfg. 2005) Shell Side MAWP 150/FV psig @350°, MDPW 55° F @150/FV psig; Tube Side MAWP 150/FV psig@350° F, MDWP 55° F @150/FV psig SA 106B C5, 6 5/8 in. OD x 9 ft. 9 3/4 in. long, Insulated having Metal Exterior Cladding with Metal Mounting Stand; Co. No. ME581B. (NOTE: This Unit is Out of Service, Removed from Process Flow).
- 12 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV FEED STOCK VACUUM DRYER
(Mfg. Sept 2005) 42 in. dia. x 54. in. high OAD Shell, 370 gal. max Capacity, Vertical, 304 long Stainless Steel; Second Floor, Insulated having Full Exterior Metal Cladding; Co. No. ME106; DURCO/FLOWSERVE Feedstock Dryer Centrifugal Pump powered by Electric Motor; Co. No. PME106D.
- 13 – ROSS ENGINEERING INC TRANS-ESTERIFICATION FEED STOCK STORAGE TANK
SF-910-01 (Mfg. 2005) 123 in. OD x 96 in. high, 4,850 gal. max Capacity, Vertical, 316 L Stainless Steel, Insulated having Metal Cladding Exterior; with 24 in. ID Man-Way Clean-Out Hatch; Co. No. ME 382A; DURCO/FLOWSERVE, TE Feed Centrifugal Pump, powered by Electric Motor; Co. No. PME 382A.
- 14 – 2- ROY CAMP CO. FEED STOCK FILTER POTS
H504EB200CS1BCL1.5PB Bag Type Filters, 200 psig, 40 gal/min, Mounted on Angle Iron Steel Legs, Carbon Steel; Co. No. ME 116 A; with Piping, Valve, and Pressure Gauge Manifold; Co. No. ME116B.
With SHELCO FILTER UNIT, CARTRIDGE TYPE
BFC2SB-1.5F-V, Micro Guardian® 110169 8 in. dia. x 42 in. tall (est.) with Pressure Gauge, Piping and Valve Manifold.

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15 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV TRANS-ESTERIFICATION REACTOR

147 (Mfg. 2005), Nat. Bd. No. 95 99 in. dia. x 84 in. high (approx. OAD), 2,956 gal. max Capacity, 304 Stainless Steel Shell: 2.5/3.5 psig, 200° Design Temperature, Jacket Side: 50/69 psig 300° Design Temperature; Steam Side: Jacket MAWP 50 psig @ 300° F, MDWT 45° @ 5 psig, with NETTCO Lightnin Agitator Powered by Electric Induction Motor having Stainless Steel Shaft and Impeller, Mounted on 4 in. Square Tubing, 2 ft. high (approx.) Carbon Steel Legs; With Side Mounted Inspection and Clean-Out Hatch, Flanged with Piping and Valve Manifold, both Remote Control and Power Activation, and Manual, and Instrumentation; Insulated having Corrugated Metal Exterior Cladding; With AMBASSADOR HEAT TRANSFER CO. Shell and Tub Heat Exchanger; Co. No. ME 303. (Note: This Unit is Installed on the Top of the Reactor.)

METHANOL ESTERIFICATION STREAM

16 – ROSS ENGINEERING INC TRANS-ESTERIFICATION DROP TANK

SF-910-10 (Mfg. 2005) 132 in. OD x 110 in. tall, Vertical, 6,480 gal. Capacity, 304L Stainless Steel having a PH Probe and Fluid Level Test Parts, insulated with Metal Cladding Exterior, NETTCO Lightnin Agitator Powered by Electric Induction Motor having Stainless Steel Shaft and Impeller, with 24 ID Flanged Man-Way Clean-Out Hatch, Floors Side Mounted; Co. No. ME382B; VIKING TE Drop Tank, Pump, Gear Type powered by Electric Motor, Insulated with Corrugated Exterior Metal Cladding, with Piping and Valve Manifold, both Remote Control and Power Activation and Manual, and Instrumentation; Co. No. PME382B.

17 – ALFA LAVAL CRUDE METHYL ESTERS HEAT EXCHANGER, PLATE TYPE

M10-MFG Gasketed Heat Plate Exchanger 30109-71524 (Mfg. 2005) MAWP 150 psig @ 265° F, MDMT -20° F @ 150 psig, 26.05 sq. ft. of Plate Area, 63 mm with 14-0.50 Plates, with Pump; Co. No. ME 481A.

18 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV METHYL ESTERS FEED TANK

(Mfg. Sept. 2005) 60 in. dia. x 84 in. high OAD, 1,037 gal. Capacity, 2.5 psig/FOW 250° F Design Temperature, Vertical, SA-36, Carbon Steel, 24 in. ID Man-Way Clean-Out Hatch, Floor Mounted, Insulated having Exterior Metal Cladding with Piping and Valve Manifold and Instrumentation; Co. No. ME 582A; ROPER Methyl Ester Feed Gear Type Pump powered by Electric Motor; Co. No. PME582A.

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- 19 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV ACID ESTRIFICATION
SETTLING AND ESTREFIED OIL RECEIVING TANK
(Mfg. Oct 2005) 66 in. dia. x 210 in. long, Vertical, (NOTE: Having Horizontal Position Application in this Installation.) 3313 gal. Capacity, 316 Stainless Steel, 2.5 psig/FW 200° F Design Temperature, 3- Section Sight Gauge, Insulated having Metal Cladding Exterior, Piping and Valve Manifold and Instrumentation; Co. No. ME232B/ME234B; VIKING Esterified Oil Discharge Gear Type Pump powered by Electric Motor; Co. No. PME234B.
With 2- STATIC MIXERS
1½ in. OD x 12 in. long OD (approx.) 316 Stainless Steel, 14 gal./min. Flow Rate, Flanged; Co. No. ME 504A and ME504A1.
- 20 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV WASHED METHYL ESTER
SETTLING TANK/METHYL ESTER RECEIVING TANK
(Mfg. Sept 2005) 66 in. dia. x 240 in. long OAD (approx.), Vertical (NOTE: Having a Horizontal Position Application in this Installation) 3,750 gal. Capacity, 304 Stainless Steel, 2.5 psig/FOW 200° F Design Temperature, 3- Section Sight Gauge, Insulated having Metal Cladding Exterior, 24 in. dia. (est.) Top Mounted Man-Way Clean-Out Hatch, Piping and Valve Manifold and Instrumentation; Co. No. ME532/ME534; ROPER Washed Methyl Ester Discharge Centrifugal Pump powered by Electric Motor; Co. No. PME534.
- 21 – ALFA LAVAL METHYL ESTERS HEAT EXCHANGER
M10-MFG Gasketed Plate Heat Exchanger 30109-71726 (Mfg. 2005) MAWP 150 psig @ 250° F, MDMT -20° F @ 150 psig, 116.0 sq. ft., 232 mm having 52-0.50 Plates, Alloy 316, 1.81 cu. ft. Capacity; Co. No. ME581A.
- 22 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV METHYL ESTERS VACUUM DRYER
(Mfg. Sept 2005) 30 in. dia. x 156 in. tall, Vertical, 15 FV/22.5 psig, 300° F Design Temperature A36 Carbon Steel, 505 gal. max Capacity/140 gal. max Operating Capacity, Insulated with Metal Cladding Exterior; Co. No. ME506; 3- Pumps, DURCO/FLOWSERVE, Methyl Ester Recirculating Centrifugal Pumps, Each individually powered by Electric Motor Co. No. PME506 (NOTE: Impeller and Stator Case are Removed. Pump is Inoperable.); 1- DURCO/FLOWSERVE Methyl Ester Discharge Centrifugal Pump powered by Electric Motor; Co. No. PME506JR.
- 23 – ALFA LAVAL METHYL ESTERS COOLER HEAT EXCHANGER
M6-MWFG Gasketed Plate Heat Exchanger 30109-71725 (Mfg. 2005) MAWP 150 psig ± @ 250° F, MDWT -20° F @ 150 psig, 33.37 sq. ft. Area, .35 cu. ft. Capacity, 86 mm with 24- 0.60 mm Plates, SA 516-70 Material of Construction; Co. No. ME581C.

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| LOT # | QUANTITY | MANUFACTURER | MODEL | SERIAL NUMBER | DESCRIPTION |
|--------------|-----------------|--|--------------|----------------------|---|
| 24 | | EQUIPOS DE PROCESO MEXICANOS, SA DE CV | | | GLYCERIN RECEIVER TANK (Mfg. Sept 2005) 36 in. dia. x 72 in. high OAD, Vertical, 315 gal. Capacity, 2.5 psig/FOW @ 200° F Design Temperature Carbon Steel Material of Construction having 316L Stainless Steel Wetted Surface Area, Insulated with Metal Cladding Exterior; Co. No. 382C; ROPER Methyl Ester Feed Gear Type Pump powered by Electric Motor; Co. No. PME382C. |
| 25 | | EQUIPOS DE PROCESO MEXICANOS, SA DE CV | | | BOTTOM ACIDIFICATION REACTOR (Mfg. Oct., 2005) 24 in. dia. x 60 in. tall, Vertical, 100 gal. Capacity, Design/Test, 200 Degrees F, Insulated having Metal Exterior Jacket, 12 in. ID (est.) Clean-Out Hatch, Flanged, A1M/FW Pressure ME 203A; With NETTCO LIGHTNIN Model NSGF-MSR 150 Agitator having Stainless Steel Shaft and Impeller; Co. No. ME382C. (NOTE: This Item is Mounted on Item Co. No. ME203A.) VIKING, Stainless Steel, Acidification Discharge Gear Type Pump powered by Electric Motor; Co. No. PME203A. |
| 26 | | EQUIPOS DE PROCESO MEXICANOS, SA DE CV | | | CRUDE GLYCERIN EVAPORATOR (Sept 2005) 18 in. dia. x 120 in. high (approx.) OAD Vertical, 466 gal. Capacity, Shell Jacket: 150 psig/211 @ 365° F Design Temperature, FV 5/22.5 psig @ 280° F Design Temperature, Shell Side: MAWP 150 psig/211 @ 365° F Design Temperature, FV 5/22.5 psig @ 280° F Design Temperature, A-36 Carbon Steel, having 304/304L Stainless Steel Wetted Area Lining, Insulated with Metal Cladding Exterior, With Piping and Valve Manifold with Instrumentation; Co. No. ME418B; DURCO/FLOWSERVE Glycerin Recirculating Centrifugal Pump powered by Electric Motor; Co No. PME418B. |
| 27 | | ALFA LAVAL | | | CRUDE GLYCERIN HEAT EXCHANGER M6-MFG Gasketed Plate Heat Exchanger 30109-7171525 MAWP 150 psig @ 265° F Design Temperature, MDMT -20° F @ 150 psig, All Chambers Capacity .16 cu. ft., 12.06 sq. ft., 35 mm with 10- 0.50 mm Plates, (NOTE: Not Currently Plumbed into the Process Flow.) Co. No. ME481B. |
| 28 | | EQUIPOS DE PROCESO MEXICANOS, SA DE CV | | | CRUDE GLYCERIN VACUUM DRYER (Mfg. July, 2005) 12 in. dia. x 48 in. high (approx. OAD), Vertical, 28 gal. Capacity, 15 psig/FV/FOW @ 300° F Design Temperature, 316L Stainless Steel Insulated with Metal Cladding Exterior; With Piping and Valve Manifold and Instrumentation; Co. No. ME406B; VIKING Glycerin Discharge, Gear Type, Pump, Stainless Steel powered by Electric Motor; Co. No. PME406B. |

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COMBINED STREAM PROCESS FLOW

29 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV ACID WATER STORAGE TANK (Mfg. Sept 2005) 30 in. dia. x 48 in. tall (approx. OD) Vertical, 143 gal. Capacity, 304L Stainless Steel, Material of Construction, ATMOS/FOW @ 200° F Design Temperature, with NETTCO Lightnin Agitator powered by Electric Induction Motor having Stainless Steel Shaft and Impeller, Insulated with Full Exterior Metal Cladding, Side Mounted Clean-Out Hatch, Flanged, With Piping and Valve Manifold and Instrumentation; Co. No. ME578A; VIKING Stainless Steel, Gear Type Pump, powered by Electric Motor; Co. No. PME578A.

30 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV SPENT ACID WATER TANK (Mfg. Sept 2005) 24 in. dia. x 48 in. tall (approx.) Vertical, 93 gal. Capacity, 2.5 psig/FOW @ 200° F Design Temperature, 304 Stainless Steel Material of Construction, Insulated with Metal Cladding Exterior, Side Mounted Clean-Out Hatch, Flanged; Co. No. ME578B; VIKING Stainless Steel Spent Acid Water Discharge Gear Type Pump, powered by Electric Motor; Co. No. PME578B; and 1- SANDPIPER (or similar) Diaphragm Air Operated, Nylon Pump.

31 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV ACID CATALYST TANK (Mfg. Oct 2005) 30 in. dia. x 66 in. high (approx.) Vertical, 200 gal. Capacity, 317 Stainless Steel Material of Construction, 2.5 psig/ FW @ 200° F Design Temperature Insulated with Metal External Cladding, With Piping and Valve Manifold and Instrumentation, Side Mounted Clean-Out Hatch, Flanged; Co. No. ME278; Crude Glycerin Discharge Centrifugal Pump powered by Electric Motor; Co. No. PME278B.

32 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV ACID ESTEREFICATION FEED TANK (Mfg. Oct 2005) 54 in. dia. x 48 in. high (approx.) Vertical, 831 gal. Capacity, 316L Stainless Steel Material of Construction, Conical Hopper Bottom, 2.5 psig/FW @ 300° F Design Temperature Mounted on 48 in. high (approx.) Angle Iron C5 Legs with NETTCO Lightnin Agitator, Powered by Electric Motor, Insulated with Exterior Metal Cladding, Side Mounted Clean-Out Hatch, Flanged, Piping and Valve Manifold and Instrumentation; Co. No. ME282B; GRUNDFOS Methanol Receiver Discharge Pump, powered by Electric Motor; Co. No. PME282B.

33 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV ACID ESTEREFICATION REACTOR (Mfg. Oct 2005) 3- Horizontal Units Installed in a Vertical Parallel Stack, 24 in. x 267 in. (approx. OAL) 1287 gal. Total Capacity, s/n 149. Shell Cladding: 300/390 psig @ 400° F Design Temperature, 40/52 psig @ 400° Design Temperature, Steam Cladding, Alloy 20 Material of Construction, Insulated with Metal Cladding Exterior, Piping and Valve Manifold and Instrumentation; Co. No. ME203B.

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**34 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV METHANOL ESTERS
EVAPORATOR**

(Mfg. Sept. 2005) Nat. Bd. No. 93 229 3/4 in. OAH (approx.) Vertical, Bottom Section 18 in. dia. x 120 in. high, Shell: 150/211 psig @ 365° Design Temperature, Tube: 5/22.5 FV psig @ 260° F Design Temperature Upper Section 36 in. OD (approx.), Shell: MAWP 150 psig @ 365°, MDWT -20° F @ 150 psig, s/n 145 (2005) Wetted Parts of 304 and 304L Stainless Steel, Other Parts A-36 Carbon Steel, 466 gal. Capacity, With Side Mounted Clean-Out Hatch, Flanged, Piping and Valve Manifold and Instrumentation, Insulated with Full Exterior Metal Cladding; Co. No. ME418A; VIKING Methyl Ester Recirculating Pump powered by Electric Motor; Co. No. PME 418A.

35 – ROSS ENGINEERING INC GLYCERINE RECEIVER TANK

SF-924 (Mfg. 2005) Stainless Steel, 24 in. dia. x 48 in. tall (approx.) Dished Top and Bottom, Mounted on 3- Angle Iron Legs, With Side Mounted Clean-Out Hatch, Flanged Piping with Valve Manifold and Instrumentation; Co. No. ME282A.

36 – KNOCK-OUT POT

18 in. x 24 in. tall, with Piping Manifold and Gauges, with 21- Valves, 3 in. and smaller, and 1 Wika Gauge; Co. No. ME619.

37 – 2- BADGER INDUSTRIES HEAT EXCHANGERS, SHELL AND TUBE

25170-D001, and 25170-C001 Horizontal, 1- on Top and 1- on Bottom; Co. No. ME128247.

38 – 2- FLOWSERVE PUMPS

Piping and Valve Manifold and Instrumentation; 1- Pump; Co. No. PME620A; 1- Distilled Glycerin Pump.

**39 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV ACIDIFICATION SETTLING AND
OIL/FFA RECEIVER**

(Mfg. Oct. 2005) 36 in. dia. x 75 in. long Horizontal, 369 gal. Capacity, 316L Stainless Steel Material of Construction, 2.5 psig/FW @200° F Design Temperature; Insulated with Exterior Metal Jacket; Co. No. ME232A/ME234A.

40 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV REACTOR FLASH TANK

(Mfg. Oct. 2005) 30 in. dia. x 36 in. high (approx.) Vertical, 126 gal. Capacity, Alloy 20 Material of Construction, 1.5 psig FV/22.5 psig @ 300° F Design Temperature, Mounted on 3- 60 in. high (approx.) Angle Iron Carbon Steel Legs, Insulated with Full External Metal Cladding, Piping and Valve Manifold and Instrumentation; Co. No. ME282C; DURCO/FLOWSERVE Acid Estrification Discharge Centrifugal Pump, powered by Electric Motor; Co. No. PME282C.

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|--------------|-----------------|----------------------------------|--|----------------------|--|
| 41 | | AMBASSADOR HEAT TRANSFER COMPANY | ACID ESTERIFICATION PREHEATER SHELL AND TUBE HEAT EXCHANGER | | 05-1001-2 (Mfg. 2005), Nat. Bd. No. 665 6-5/8 in. OD x 9 ft. 8- 3/4 in. long (approx.), SA106B Material of Construction, Shell MAWP 400/FV psig @ 350° F Design Temperature, MDMT 55° F @ 400/FV psig, Tube: MAWP 400/FV psig @ 300° F Design Temperature MDMT -20° FC @ 400/FV psig, Insulated with Metal Cladding Exterior, Mounted on Angle Iron Carbon Steel Legs, Piping and Valve Manifold and Instrumentation; Co. No. ME221. |
| 42 | | AMBASSADOR HEAT TRANSFER COMPANY | FLASH TANK CONDENSER, METHANOL, SHELL AND TUBE HEAT EXCHANGER | | 05-1001-1 (Mfg. 2005) Nat. Bd. No 664 10¾ in. OD x 120 in. long (approx.), 316 Stainless Steel Material of Construction, Shell: MAWP 150/ FV psig @ 200° F Design Temperature, MDWP -20° F @150/FV psig, Tube: MAWP 150/FV psig @ 200° F Design Temperature, MDWP 55° F @ 150/FV psig, Mounted on Angle Iron Carbon Steel Legs, Piping and Valve Manifold and Instrumentation; Co. No. ME220. |
| 43 | | AMBASSADOR HEAT TRANSFER COMPANY | FLASH TANK HEATER, SHELL AND TUBE HEAT EXCHANGER | | 05-1001-3 (Mfg. 2005) 4½ in. OD x 120 in. long Tube Length (approx.), Main Shell is Carbon Steel, Tubes are Alloy 20 Material of Construction, MAWP-150/FV psig @ 350° Design Temperature, MDWP 55° F @ 150/FV psig, Tube: MAWP 150/FV psig @ 250° F Design Temperature MDWP -20° F @ 150/FV psig, Insulated with Metal Cladding Exterior, Piping and Valve Manifold and Instrumentation; Co. No. ME221B. |
| 44 | | AMBASSADOR HEAT TRANSFER COMPANY | RECTIFICATION REFLUX CONDENSER COLUMN | | 05-994-3 (Mfg. 2005), Nat. Bd. No. 638 16 in. OD x 168 in. Tube Length (approx.), 304 Stainless Steel, Material of Construction, Shell: MAWP 150/FV psig @ 200° F Design Temperature, MDWP -20° F @ 150/FV psig, Tube: MAWP 150/FV psig @ 200° F Design Temperature, MDWP 55° F @ 150/FV psig, Mounted on I-Beam Carbon Steel Legs, Piping and Valve Manifold and Instrumentation; Co. No. ME620A. |
| 45 | | AMBASSADOR HEAT TRANSFER COMPANY | VACUUM SYSTEM PRE CONDENSER, SHELL AND TUBE HEAT EXCHANGER | | 05-994-5 (Mfg. 2005), Nat. Bd. No. 640 14 in. OD x 11 ft. 9¾ in. long (approx.), SA 106 B Carbon Steel, Material of Construction, Shell MAWP 150 psig/FV @ 300° F Design Temperature, MDWP -20° F @ 150/FV psig, Tube: MAWP 150/FV @ 200° F, MDWP - 20° F @ 150/FV psig, Insulated with Metal Cladding Exterior, Mounted on I-Beam Steel Legs, Piping and Valve Manifold and Instrumentation; Co. No. ME619. |

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|-------|----------|--|--|---------------|--|
| 46 | | AMBASSADOR HEAT TRANSFER COMPANY | VENT CONDENSER, SHELL AND TUBE HEAT EXCHANGER | | 05-994-2 (Mfg. 2005), Nat. Bd. No. 637 10 ³ / ₄ in. OD x 3 ft. 9 ³ / ₈ in. long (approx. OAD) SA 106B Carbon Steel, Material of Construction, Shell MAWP 150 FV @ 200° F, MDWP -20° F @ 150/ FV psig, Tube: MAWP 150/FV @ 200° F, MDWP -20° F @ 150/FV psig, Insulated with PVC Plastic Exterior Cladding, Mounted on I-Beam Steel Legs, with Piping and Valve Manifold; Co. No. ME620B. |
| 47 | | EQUIPOS DE PROCESO MEXICANOS, SA DE CV | SODIUM METHOXIDE DOSING POT | | (Mfg. Sept. 2005) 30 in. dia. x 30 in. tall (approx.), Vertical, 120 gal. Capacity (approx.), Domed at Both Ends, 2.5 psig/FOW @ 200° F Design Temperature, With Single Section Level Sight Gauge, Mounted on 4- 10 ft.(approx.) high Angle Iron Steel Legs, with Piping and Valve Manifold and Instrumentation; Co. No. ME3078B. |
| 48 | | ALFA LAVAL | FEED STOCK OIL COOLER, GASKETED PLATE HEAT EXCHANGER | | M6-MFG Gasketed Plate Heat Exchanger 30109-71727 (Mfg. 2005) 316 Stainless Steel Material of Construction, MAWP 150 psig @ 200° F, MDWP -20° F @ 150 psig, Area - 34.66 sq. ft., 91 mm with 26 -.050 Plates, with Piping and Valve Manifold and Instrumentation; Co. No. ME181. |
| 49 | | ALFA LAVAL | FEED STOCK OIL COOLER, GASKETED PLATE HEAT EXCHANGER | | M6-MFG Gasketed Plate Heat Exchanger 30109-71728 (Mfg. 2005) 316 Stainless Steel Material of Construction, MAWP 150 psig @ 200° F, MDWP -20° F @ 150 psig, Area - 34.66 sq. ft., 91 mm with 26 -.050 Plates; Co. No. ME681. (NOTE: Is Not Installed/Plumbed-Into the Process Flow.) |
| 50 | | EQUIPOS DE PROCESO MEXICANOS, SA DE CV | VENT VAPOR SCRUBBER A2, | | (Mfg. Sept. 2005) 36 in. dia. x 126 in. tall (approx.) Vertical, 576 gal. Capacity, A-36 Carbon Steel Material of Construction, (2005) 2.5 psig/FOW @ 200° F Design Temperature, Having a KOCH-OTTO YORK Demister Style 708 Stainless Steel Packing; Co. No. ME129; DURCO/FLOWSERVE Scrubber Centrifugal Pump powered by Electric Motor, With Top Positioned, Side Mounted, Flanged Clean-Out Hatch, and Top Mounted Flame Arrester and with Pipes and Valve Manifold and Instrumentation; Co. No. PME129. |
| 51 | | EQUIPOS DE PROCESO MEXICANOS, SA DE CV | TRANS-ESTEREFICATION SETTLING TANK / METHANOL RECEIVER | | (Mfg. Sept. 2005) 66 in. OD x 267 in. OAL (approx.), 4,145 gal. Capacity max. A36 Carbon Steel, Vertical (Being Installed Horizontally in Current Application), 2.5 psig/Flow 200° F Design Temperature, 3- Section Sight Level Gauge, Domed at Both Ends, Insulated with Metal Cladding Exterior, Top Mounted Clean-Out Hatch, Flanged, Piping and Valve Manifold and Instrumentation; Co. No. ME332/ME334. |

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-ACCURACY OF DESCRIPTION NOT GUARANTEED-
-ALL ITEMS SOLD AS-IS WHERE-IS WITH NO WARRANTIES OR GUARANTEES, EXPRESSED OR IMPLIED-
FOR COMPLETE EQUIPMENT PHOTOGRAPHS VISIT OUR WEBSITE:
WWW.MAASCOMPANIES.COM
"THE LEADER IN CLIENT SATISFACTION"

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LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

52 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV CRUDE METHYL ESTERS
VACUUM DRYER

(Mfg. July 2005) 30 in. dia. x 48 in. high, Vertical, 155 gal. Capacity, 15 psig/FV/FOW
300° F Design Temperature, Insulated with Metal Cladding Exterior; Co. No. ME 406A;
VIKING Methyl Ester Discharge Pump powered by Electric Motor, with Pipe and Valve
Manifold and Instrumentation; Co. No. PME406A.

PRODUCTION BUILDING, 2ND FLOOR

53 – 24- Boxes (approx.), 6- Pallets (approx.) FIBERX®, OWENS CORNING, KNAUF HIGH
TEMP PIPE INSULATION

SSL II® 4 x 1.5, 1200°, Metal Cladding Elbow Covers and Fittings 2 in. x 4 in. dia. (est.)
2 x 4, 3/4, x 1 and consisting of but not necessarily limited to: JOHNS MANSVILLE,
SSL 11®, KNAUF, OWENS CORNING, MICRO-LOK, 5 in. x 1-1/2 in., 1-1/2 in. x 2
in., 1 in. or 1-3/8 in. x 1 in., 2 in. x 1 in. and similar.

54 – PUMP AND MOTOR With 2- Crates, 1- is Wood and 1- Cardboard.

55 – 2- CRAFTSMAN TOOL CABINETS

Consisting of but not necessarily limited to: Base Unit and Top Chest, Each containing
Tools; 1- 4- Drawer Tool Chest with Tools;

With LOT RELATED ITEMS OF SUPPORT EQUIPMENT

MECO 1000 lb., Capacity Barrel Truck; Lot - 1- Crate Heat Exchanger Plates,
(Note: All Used); 1- CHAPIN Pro Series Model 61800N Manual Portable
Sprayer; Lot - 3- Floor Squeegees, 1- Square Pointed Shovel and 1- Broom; Parts,
Consumable Supplies consisting of but not necessarily limited to: 3- MILTON
ROY Dosing Pumps, Companion Flanges-Stainless Steel and Carbon Steel;
Electrical Conduit Fittings; Centrifugal Pump Parts and Electric Motors; 6-
(approx.) Remotely Operated Valves.

(NOTE: The ALGAS·SDI Model 80/40H s/n A05L0004106; Tank and 6- Pieces
(approx.) of Piping Manifold, are NOT BEING SOLD. THEY REMAIN WITH
THE REAL ESTATE.)

56 – EDWARDS MECHANICAL BOOSTER & DRYSTAR VACUUM PUMP

Model NRY29M000 / EH4200C, (Code A30956982) & Model EDP400 s/n 099417227 /
0944050559 (Mfg. 10/2009) & s/n 099415018 (Mfg. 8/25/09) Powered by Marathon 15
hp Electric Motor, 6 in. dia. (est.), with Flanged Intake Ball Valve, Remotely and Power
Actuated; Unitized and Mounted on a 5 ft. high x 32 in. wide x 40 in. dia. Fabricated
Angle Iron Steel Stand; Co. No. VP-2.

With EDWARDS VACUUM PUMP

Daystar EDP 400, (Code 70541000) 099415018 (Mfg. 08/25/2009) Powered by
MARATHON 30 hp Electric Motor, Vertical Shaft, Unitized and Mounted in a
Daystar 43 in. high x 24 in. wide x 37-1/2 in. long Fabricated Angle Iron Steel
Stand, having Air Instrumentation, Control Lines and Valves; Co. No. VP-1.

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**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

57 – GRAHAM PRECISION PUMPS, AND GOULDS PUMPS VACUUM PUMP AND OIL RECOVERY UNIT

Liquid Ring 05-61760-1 Consisting of but not necessarily limited to: 1- GRAHAM PRECISION PUMPS Model 2PV62160/13/DD s/n 05-61760-1 Liquid Ring Vacuum Pump powered by RELIANCE 50 hp Electric Induction Motor; 1- GRAHAM PRECISION PUMPS Model GP151-350L-19 Gasketed Plate Heat Exchanger; 1- GOULDS PUMPS, Cat. No. 1ST1F7E5F Centrifugal Pump, Stainless Steel Powered by Electric Induction Motor; 1- GRAHAM PRECISION PUMPS Separator Tank, with Piping and Valve Manifold and Instrumentation; Co. No. ME641. (NOTE: The Above are Unitized and Mounted on a 10 ft. long Fabricated Channel Steel Base).

58 – 2- SPIRAX SARCO CONDENSATE RECEIVER TANK

PPEC 20 in. dia. x 48 in. long,(est.), Horizontal, Insulated, with Exterior Metal Jacket; with Steam Condensate Pots; With Piping and Valve Manifold and 1-1/2 in. Instrumentation Gauges.

59 – UNASSIGNED

60 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV CRUDE GLYCERIN DAY TANK

(Mfg. Sept. 2005) 60 in. dia. x 96 in. high (approx.) 1,185 gal. Capacity, 24 in. ID May-Way Clean-Out Hatch, Flat Top and Bottom, 304 Stainless Steel, Vertical, 2.5 psig/FOW @ 200° F Design Temperature, Insulated with Metal Cladding Exterior, with Piping and Valve Manifold and Instrumentation, with NESCO LIGHTNIN Inline Agitator, powered by Electric Motor with Shaft and Impeller, Mounted on Top; Co. No. ME2082D.

61 – DURCO / FLOWSERVE CENTRIFUGAL PUMP

With 202D 2 in. x 1 in. Centrifugal Pump powered by BALDOR 5 HP (est.) ELECTRIC Motor with Piping and Valve Manifold powered by Electric Motor.

62 – GLYCEROLYSIS "G" REACTOR

9 ft. 6 in. dia. (approx.) x 25 ft. long (approx.), Insulated having Exterior Metal Clad Jacket, Piping and Manifold, 1- DURCO/FLOWSERVE 3 x 2 Centrifugal Pump powered by BALDOR 7.5 hp Electric Motor; (NOTE: Pump is Disassembled having Impeller and Stator Case Missing.); 1- ROPER or Similar Gear Type Pump powered by BALDOR 2 hp Electric Motor, unitized and mounted on Fabricated Steel Skid with Reactor installed at 45 Degree (est.) Angle; with Piping and Valve Manifold and Instrumentation.

63 – METHYL ESTER VACUUM DISTILLATION UNIT

9 ft. x 15 ft. (est.), Insulated, Domed on Both Ends, Insulated with Metal clad Jacket, Mounted at a 45 Degree Angle (est.), With DURCO/FLOWSERVE Centrifugal Pump, powered by BALDOR 25 hp Electric Motor; With Piping and Valve Manifold and Instrumentation; (NOTE: Impeller and Stator Housing are Missing.)

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**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

64 – METHYL ESTER VACUUM DISTILLATION UNIT

3 ft. dia. x 25 ft. long (est.) Domed on Both Ends, Insulated with Metal Cladding, 3-Powered Pumps: 1- DURCO/FLWSERVE 4 in. x 2 in. Centrifugal Pump powered by BALDOR 10 hp Electric Motor; (NOTE: Pump is Disassembled. Impeller and Stator Cone are Missing.); 1- ROPER (or similar) 3 in. x 3 in. Gear Type Pump; 1- Vane Type Pump. Each Pump is individually powered by an Electric Motor. Tank/Vessel is mounted at 45 Degree (est.) Angle.

With ARMSTRONG CENTRIFUGAL PUMP

4 in. x 3 in., Material of Construction, BF-STD, powered by TECO-WESTINGHOUSE 40 hp Motor.

65 – THERMAL SYSTEMS, INC. PROCESS OIL HEATER

700-4-2-HEHC-MAX-CGOL-IRI-N4X 48336, (Mfg. 2000) With HONEYWELL Burner Control Flame Safeguard Unit and FIREYE SentryP Annunciator HDMI Unit with Stainless Steel Weather Proof Cabinet. State of Maryland DLLR/DLI Safety Inspector Unit, # MD121125.

With FORCED AIR BURNER UNIT

(No Mfg. Data Plate) With CHICAGO Size G-3 Centrifugal Blower, s/n 238647, powered by RELIANCE ELECTRIC 20 hp Electric Motor; (NOTE: Mounting Base containing the Blower and Motor IS NOT all Mounted Securely to the Concrete Foundation Base Slab); Main Unit is Insulated with Stainless Steel Exterior Metal Jacket, with Piping and Valve Manifold and Instrumentation; Mounted and Unitized on a Fabricated Channel Steel Skid.

66 – BOILER FEED WATER AND BLOW-DOWN SKID

Consisting of but not necessarily limited to; 1- 4 ft. dia. x 15 ft. long (est.) Horizontal, Carbon Steel Tank, Domed at Both Ends, 1-2 ft. dia. x 4 ft. high (est.) Vertical, Carbon Steel Tank, Domed at Both Ends, 6 in. dia. and 2 in. dia. (approx.) Piping and Valve Manifold, Mounted and Unitized on a Square Tubing Fabricated Steel Base having Vertical Structural Support; with MET PRO 4 in. x 6 in. x 8-1/2 in. Centrifugal Pump powered by BALDOR 40 hp Electric Motor.

**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

67 – MIXING TANK

5 ft. 9 in. dia. (approx.) x 5 ft. high Carbon Steel, Flat Top and Bottom, has LIGHTNIN Agitator Mixer (or similar), powered by Electric Motor, Circular Feed Hopper with Electric Motor Powered 3 in. Drive Screw Type Auger, Tank having 1- DURCO/FLOWSERVE (or similar) 2 in. x 1 in. Centrifugal Pump Powered by BALDOR 3 hp (est.) Electric Motor; Mixing Tank Pressure, Steam Jacketed.

With MIXING TANK

5 ft. 9 in. dia. (approx.) x 5 ft. high Carbon Steel, Flat Top and Bottom, has LIGHTNIN Agitator Mixer (or similar), powered by Electric Motor, 2- Circular Feed Hoppers each with Electric Motor powered 3 in. Drive Screw Type Augers; with Common Piping Intake and Discharge Manifold having 5- Remotely Controlled, Powered Actuated Valves; Tank having 1- DURCO/FLOWSERVE (or similar) 2 in. x 1 in. Centrifugal Pump powered by BALDOR 3 hp (est.) Electric Motor; Mixing Tank, Pressure, Steam Jacketed.

68 – ROTARY MIXING UNIT

Horizontal Drum Stainless Steel 53 in. dia. having Hinged Davit End, Full Access Clean-Out Door, 316 and 304 Stainless Steel, Having Bottom Dump with Butterfly Valve, 6005475, 200 psi Pressure, powered by Electric Motor driving through Reduction Gear Box.

69 – MIXING TANK

Stainless Steel, 40 in. dia. x 36 in. tall, having Top Mounted Agitator, mounted on 4- Stainless Steel 3 in. dia. Pipe Legs.

METHANOL TANK FARM

70 – ROSS ENGINEERING INC ANHYDROUS METHANOL STORAGE TANK

SF-911-01 (Mfg. 2005) Vertical, Carbon Steel, Flat Top and Bottom, 24 in. ID Man-Way Clean-Out Hatch, Side Mounted, 11 ft. 3 in. dia. x 16 ft. tall; Co. No. ME3063A.

71 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV SODIUM METHOXIDE STORAGE TANK

(Mfg. Sept 2005) 114 in. dia. x 192 in. tall (approx.) 8,427 gal. Capacity, Shell: 2.5 psig/FOW @ 200° F Design Temp, Tube: 100/150 psig @ 200° F Design Temperature, Having Internal Water Cooling Coils, 24 in. ID Man-Way Clean-Out Hatch, Side Mounted, Electrically Heat Traced on Exterior Tank Shell, Insulated with Metal Cladding Exterior; 3 in. dia. (est.) Explosion Proof Vent Cap; Co. No. ME3078A.

72 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV RECOVERED METHANOL TANK

(Mfg. Sept 2005) 48 in. dia. x 72 in. tall (approx.) 570 gal. Capacity, 2.5 psig/FOW 200° F Design Temperature, having 24 in. Man-Way Clean-Out Hatch Side Mounted having Flat Top and Bottom; 2 in. dia. (est.) Explosion Proof Vent Cap; Co. No. ME3063B.

**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

73 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV METHANOL RECTIFICATION COLUMN

(Mfg. Oct 2005) 48 in. dia. x 492 in. tall (approx.), 1,258 gal. Capacity, 304 Stainless Steel Shell and Coil, Shell: 15/22.5 FV psig @ 300° F Design Temperature, Tube: 150/225 psig @ 400° F Design Temperature, Skirted Bottom, Upper and Lower Packing Area Containing Mella Pak/Opti Flow Material, Insulated with Metal Cladding Exterior;, Bottom Mounted, Side Positioned Clean-Out Hatch, Flanged; SIRAX SARCO FT-125 Steam Trap. Co No. ME622.

74 – FLOWSERVE, MICROMOTION, RELIANCE, SAMSON PUMP, FILTER AND CORIOLIS FLOW SENSOR

Consisting of but not necessarily limited to: FLOWSERVE 2 x 1 Centrifugal Pump powered by RELIANCE 3 hp Electric Motor; FLOWSERVE Synthetic Oil Filter unit; MICROMOTION F Series Coriolis Type Flow Sensor with Transmitter; SAMSON 2 in. Automatic Ball Valve with Instrumentation, Power, and Activation; Intermediate Bulk Container, 330 gal. Capacity (est.) mounted in Fabricated Steel Stand.

With 3- DURCO / FLOWSERVE CENTRIFUGAL PUMPS

Powered by RELIANCE 3 hp Electric Motor with FLOWSERVE Synthetic Oil Filter, with Piping Manifold 2 in. OD (est.) and Smaller, Insulated; with 202D DURCO/FLOWSERVE 2 in. x 1 in. Centrifugal Pump powered by BALDOR 5 HP (est.) ELECTRIC Motor with Piping and Valve Manifold; Co. No's PME3063A; PME3063B; PME3075A; PME3078A and Others.

75 – SPEAKMAN COMPANY EMERGENCY SHOWER AND EYE WASH STATION 6785.

76 – PIPE AND TUBING, STEEL, STAINLESS AND CARBON, PVC

SOME UNUSED, 2³/₈ in. OD to 1/4 in. Tubing, Most is Carbon Steel, a Few (6 mol) Joints are Stainless Steel. 27- Joints (mol) of Round Tubing - Carbon Steel; 1- Joint of 3 in. x 3 in. (approx.) Square Tubing - Carbon Steel; 2- Joints of 2 1/2 in. x 2 1/2 in. (approx.) Angle Iron - Carbon Steel; 7- Joints of 5/8 or Smaller OD - Carbon Steel; Most are 20 ft. long; 1- Joint 3-7/8 in. ID x 21 ft. 3 in. (approx.); 1- Joint 8 in. ID x 8 ft. 11 in. long (approx.); 1- Joint 6 in. ID x 19 ft. long (approx.); 10- Joints (approx.) of PVC, All stored on 8 ft. long x 6 ft. high (approx.) A-Frame Rack having 1- Expanded Metal Covered Shelf.

77 – PROCESS CONTROL ROOM

Related Contents of the Room consisting of but not necessarily limited to: 2- MOTOROLA BASE RADIOS Model HT750 and 3- Charging Bases, with 1- Power Strip, 3- Extension Cords (approx.) 3- Low Amperage Power Transformers, 1- Spool (Partial) Communication/Instrumentation Cable; 1- Vertical Filing Cabinet, HON 4- Drawer, Letter, Locking; 1- FRIGIDAIRE 3 cu. ft. Refrigerator/Freezer; 1- Computer Work Station with Hutch, Wood; 1- LIFETIME Cabinet, Storage, Plastic, 3 ft. high x 3 ft. wide x 2 ft. deep (est.); 1- Table, Folding Leg, 6 ft. long, and all contents of room that are not previously lotted elsewhere in this Inventory.

**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

78 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV SULFURIC ACID TANK
(Mfg. Oct 2005) 42 in. dia. x 54 in. high (approx.) A36 Carbon Steel Construction
Materials, Atmospheric, 200° F Design Temperature, Conical Hopper Bottom, Covered
Top, Mounted on 4- 42 in. high Angle Iron Carbon Steel Legs; Co. No. ME3578A.
(NOTE: Not Serviceable, Outside is Rusted through on the Left Bottom Side, 1/4 of the
circumference NOT SERVICEABLE.)

79 – SPEAKMAN COMPANY EMERGENCY WASH STATION WITH EYE WASH.

MAIN TANK FARM

80 – RECO CONSTRUCTORS VEGETABLE OIL FEED STOCK STORAGE TANK
E2792 (Mfg. 2005) 21 ft. 6 in. dia. x 24.0 ft. high (approx.), Vertical, 65,000 gal.
Capacity, 24 in. OD, Man-Way Clean-Out Hatch, Side Bottom Mounted, API 650
Specifications, Atmospheric Ambient, A36 Carbon Steel Shell, 304 Stainless Steel
Internal Steam Coils, Nitrogen Blanketed; Co No. ME1082A.

81 – RECO CONSTRUCTORS VEGETABLE OIL FEED STOCK STORAGE TANK / FEED
STOCK STORAGE B
E2800 (Mfg. 2005) 21 ft. 6 in. dia. x 24.0 ft. high (approx.), Vertical, 65,000 gal.
Capacity, 24 in. ID Man-way Clean-Out Hatch Side Bottom Mounted, APT 650
Specifications, Atmospheric Ambient, A36 Carbon Steel Shell, 304 Stainless Steel
Internal Steam Coils, Nitrogen Blanketed; Co No. ME1082B. (NOTE: Tanks has leak on
lower west side.)

82 – ROSS ENGINEERING INC FINAL PRODUCT BIODIESEL DAY TANK A
SF-911-10 (Mfg. 2005) 12 ft. 3 ½ in. dia. x 22 ft. tall (approx.), Vertical, 18,500 gal.
Capacity, 24 in. ID Man-Way Clean-Out Hatch API 650 Specifications Nitrogen
Blanketed; Co. No. ME2082A.

83 – ROSS ENGINEERING INC FINAL PRODUCT BIODIESEL DAY TANK B
SF-911-20 (Mfg. 2005) 12 ft. 3 ½ in. dia. x 22 ft. tall (approx.), Vertical, 18,500 gal.
Capacity, 24 in. Man-way Clean-Out Hatch API 650 Specifications Nitrogen Blanketed;
Co. No. ME2082B.

84 – ROSS ENGINEERING INC CRUDE GLYCERIN STORAGE TANK
SF-911-30 (Mfg. 2005) Stainless Steel, 153 in. dia. 84 in. high (approx.), Vertical, 29,606
gal. Capacity, 24 in. Man-Way Clean-Out Hatch, API 650 Specifications, Internal Steam
Coils, Insulated with Metal Cladding Exterior; Co. No. ME2082E.

85 – RECO CONSTRUCTORS BIODIESEL STORAGE TANK
E2793 (Mfg. 2005) 21 ft. 6 in. dia. x 24.0 ft. high (approx.), Vertical, 65,000 gal.
Capacity, 24 in. ID Man-Way Clean-Out Hatch Side Bottom Mounted, APT 650
Specifications, Atmospheric Ambient, A36 Carbon Steel Shell, 304 Stainless Steel
Internal Steam Coils, Nitrogen Blanketed; Co No. ME2082C.

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**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

86 – VIKING FEED STOCK DISCHARGE PUMP

2 in. x 2 in. Pump powered by LEESON 3 hp Electric Motor; Co. No. ME 1082.

With 3- DUNCO / FLOWSERVE FEED STOCK DISCHARGE PUMPS

MK 3 Std.2K4X3-13 RV/9.81 0605-2308; (Mfg. 9/7/2005); 0605-2306 (Mfg. 9-7-2005); and 0605-2309 (Mfg. 9-7-2005) Each independently powered by RELIANCE 15 HP Electric Motor; Co. No's: PME2082A, PME 2082C and PME2082E.

87 – ROY CAMP COMPANY LOAD IN AND OUT FILTERS

HD802EB1500 32AB Consisting of but not necessarily limited to: 2- Bag Type Filters, Carbon Steel; Co No. ME2016.

With 2- SMITH METER, INC. ROTARY VALVE POSITIVE DISPLACEMENT METERS

Model SD-30-DI FD156232 and FD156270 With 1- SMITH METER, INC. Universal Pulse Transmitter is Model XU-1000-STD-.06, s/n FC90.

88 – 2- SPIRAX SARCO MAIN STEAM LINE VALVES

A1260L-B Consisting of but not necessarily limited to: Condensation Pots and Related.

89 – EXTERIOR PLANT PROCESS AND UTILITY PIPING VALVE INSTRUMENTATION AND COMMUNICATION ELEVATED SUPPORT STRUCTURE.

275 ft. (approx.) of Overhead Utility Support Structure constructed from 12 in. x 16 in. and 6 in. x 8 in. 'H'-Beam Galvanized Carbon Steel, Carrying 12- (approx.) Liquid Lines (Product, Raw, Finished and Utility) with Suspended 24 in. and 12 in. wide Electrical Race Ways.

With ELEVATED PROCESS, UTILITY, INSTRUMENTATION, ELECTRICAL AND STEAM AND COMMUNICATION LINES AND WIRING

Consisting of: Fabricated Steel, Modular, Elevated Supporting Structure, Process Lines 6 in. OD (est.) and smaller, and Electrical Power Distribution Trays with Wiring and some Piping is Insulated having Cladding Exterior.

LOAD IN AND LOAD OUT TERMINAL - RAIL AND TRUCK

90 – LOAD IN-OUT TERMINAL

Having 1- Rail and 1- Truck Side, having Jib Crane with Hoses; HEMCO Model XHM-24 Hinged Crossover Tanker, Access Bridge and Work Platform; 4- Sided Safety Railings, Catwalk and Adjustable Height Fold Down Safety Railings for Each Side; 5- Electrical Motor Control Boxes, 3- are HUBBLE Type 4, 12 K; Stairways; DURCO/FLOWSERVE Model MK3STD, Size 2K4X3-82RV/7.56, s/n 0605-2301, 2310,-2306, (Mfg. 07/Sept/2005); Rail Feed Stock; Methanol; 30W Oil Rail Feed Stock; 3-DURCO/FLOWSERVE Centrifugal Pumps, each powered by a RELIANCE 7.5 HP Electric Induction Motor; Co. No. PME 3000; PME 1000T; PME 1000R; each Unitized and Mounted on Channel Steel Base, 7- 4 in. OD x 25 ft. long (approx.) Hoses, Rubber, each with QC Couplings.

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LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

91 – BALTIMORE AIRCOIL COMPANY WET DECK SURFACE COOLING TOWER
15219, BA Cross® U053953501 Having 3 R-B120 Belt Power Train, Mounted on 6 ft.
high Steel Base; Having 1- ARMSTRONG 4 in. x 3 in. x 13 in. Centrifugal Pump
Powered By TECO-WESTINGHOUSE 40 hp Electric Induction Motor.

**RELATED SUPPORT MACHINERY AND EQUIPMENT LOCATED IN THE UTILITY
BUILDING**

92 – TRANE CHILLER
CGWF 0404 CBOU AC1C L3T0 NP00 H0X2 U05H03481 250 KVA, R22 Refrigerant,
Voltage 46060/3, Chiller Indicated Run Time 9,445.18 Hours.

93 – EQUIPOS DE PROCESO MEXICANOS, SA DE CV CHILLER EXPANSION TANK
(Mfg. Sept 2005) 36 in. dia. x 72 in. high (approx.) 317 gal. Capacity, Vertical,
Atmospheric/FOW @ 200° F Design Temperature, Insulated with PVC Cladding
Exterior, Mounted on 4- 50 in. high (approx.) Angle Iron Carbon Steel Legs; ME678.
With DURCO / FLOWSERVE CENTRIFUGAL PUMP
MK3 STD 2 in. x 3 in. x 1.5 in. - 13 in. RV/9.63, Powered by RELIANCE 10 hp
Electric Induction Motor; Co. No. PME678.

94 – LAKEWOOD INSTRUMENTS CHILLER CONTROLS 1575e.
With MILTON ROY DOSING PUMPS
With 2- MIXING/BLENDING STATIONS
Consisting of but not necessarily limited to: 2- MILTON ROY LMI Injection
Pumps with 3- Pump Piping, Valve and Gauge Manifold having 3- WIKA® 60
psi Analog Pressure Gauges, 4 in. (est.); 1- Pressure Pump powered by MILTON
ROY Electric Motor; 1- MADEN Model MF 110ADP Dosing Pump, s/n A1080
Powered by BALDOR 1/2 hp (est.) Electric Motor having Piping and Valve
Manifold and Single WIKA® 60 phi Pressure Gauge.

95 – SULLAIR® AIR COMPRESSOR
5LS100-25H/A 003-150384 125/135 psig, Powered by 25 hp Electric Induction Motor,
Enclosed in Sound Suppressed Cabinet, (Had Run Indicated Hours 6,824.3, Had Loaded
Indicated Hours 2,954.3 (2008 Reading); With 1- Air Dryer, SULLAIR® Model SM-
29N, s/n 57241A; 1- Oil/Water Separator, SULLAIR®, Model OS-20; 1- Air Receiver
Tank, STEEL FAB, 42 in. dia. x 72 in. OAD, Domed on Both Ends, MAWP 200 psi @
400° F, Mfg-2005, Horizontal.

**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

96 – YORK-SHIPLEY GLOBAL STEAM BOILER, GAS FIRED

560-SPH-150-N 05-21857, Nat Bd. No. 29086, (Mfg. 2005) FAB, 95872, 5175 lbs./hr. Max Steam Capacity, Having 1- WEBSTER Cyclonetic Forced Air Burner; Skidded, Manifold; 1- YORK-SHIPLEY GLOBAL Blow Down Tank with Pump Controls; 1- PENN SEPARATION CORP DeAireation Tank; HONEYWELL Piping and Valve; Connecting 'APOLLO', McDONALD and other Safety Equipment; 2- GRUNDFOS Model 100BA-2-182TC-C Pumps, Each Independently powered by Electric Motor.

With FLUE STACK SECTIONS

Consisting of but not necessarily limited to: 4- Joints, 20 in. dia. (est.) Double Wall, Stainless Steel with 1- Collar Section.

97 – A.O. SMITH AUTOMATIC ELECTRIC HOT WATER HEATER

DSE 100 SB061113973 2- Elements, 36,000 Watts Total.

98 – UNASSIGNED

99 – UNASSIGNED

QUALITY RELIABILITY AND ASSURANCE LABORATORY

100 – SRI INSTRUMENTS GAS CHROMATOGRAPH

SRI 8610C N6257 With COMPAQ Flat Screen Monitor, Model FP745A, Keyboard and Mouse.

101 – SRI INSTRUMENTS GAS CHROMATOGRAPH SRI 8610C N5750.

102 – LABCONCO PROTECTOR LABORATORY HOOD

Cat. No 2247500, 060453632Y 4 ft. high x 4 ft. wide x 25-1/2 in. deep.

103 – BECKMAN CENTRIFUGE J-6B.

104 – LABORATORY TEST EQUIPMENT AND CONSUMMABLE SUPPLIES

Consisting of but not necessarily limited to: MARCO 1-06D, 1-08C, 1-12C.

With 8- PIPETTES

Consisting of but not necessarily limited to: 1-VWR; 1- Biohit; 1- FINNPIPETTE®.

With LABORATORY, GLASSWARE, CONSUMMABLES AND RELATED

Consisting of but not necessarily limited to: PYREX® 2000 ml, 1500 ml and 1000 ml Graduated Flask; KIMMAX® 1000 ml Graduated Column and 1-100 ml Column, and Plastic Funnels; 4- HAMILTON # 80366 Packs; 4- Boxes FISHERBRAND® Cat. No. 13-678-31H Serological Pipettes; 4- Boxes RESTEK and MXT Biodiesel Kits.

With OAKTON CONDUCTIVITY METER

pH/Con 510 Series TDS/ Degrees Centigrade/Degrees Fahrenheit.

With 3- STOOLS, PORTABLE With Foot Rings.

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**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

With KOEHLER PENSKY-MARTENS CLOSED CUP FLASH TESTER
K16200 R02291759.

With SCHOTT VOLUMETRIC TITRATOR TitroLine KF.

With OHAUS® SCALES Adventurer™ PRO.

105 – HEWLETT PACKARD PRINTER OfficeJet 7310 Multifunction With DELL Monitor.

106 – EQUIPMENT / WORK TABLE Having Steel Frame with 1 in. Thick Wood Top.

With TABLE, STEEL With Wood Top.

107 – Box LABORATORY SUPPLIES

Plastic Bottles, (Some Stored in/on the 'Mezzanine' - atop the Fire Extinguisher and
Detection Equipment Room).

PLANT CONTROL ROOM

108 – PLANT PROCESS CONTROL SYSTEM

Consisting of but not necessarily limited to: 2- Computers: 1- is DELL and 1 is
LENOVO, 1- DELL Flat Screen Monitor, 3- Keyboards and 2- Mice, CYBERPOWER
UPS, 1- NETGEAR Router, 2- DELL Speakers.

With ALLEN BRADLEY PLANT PROCESS PLC CABINET

Steel, Free Standing Consisting of but not necessarily limited to: 1-
POWERFLEX 40, 8- amp, HDMI Unit, 7- POWERFLEX 40, 2- amp HDMI
Units, ALLEN BRADLEY 10- Unit, CONTROLNET™ Units; DEWALT Model
DW 9118. 9.6 v. Charger Unit.

With ALLEN BRADLEY ELECTRICAL CONTROL CABINET

Having ALLEN BRADLEY ControlNet™ PLC System with 42- Logix 5555™
Modules.

With MOTOROLA 2- WAY RADIO SYSTEM

Consisting of but not necessarily limited to: 1- Radius CM 200 Base Station with
Exterior Pole Type Antenna, 2- Model HT750 Hand Sets.

PLANT ELECTRICAL POWER DISTRIBUTION MOTOR CONTROL CENTER

109 – SQUARE D PLANT ELECTRICAL POWER DISTRIBUTION MOTOR CONTROL
CENTER

Model 6 Consisting of 10- Sections having 47- (approx.) Motor Starters; 1- Electrical
Lock-Out Station; Co. No. MCC11.

110 – SQUARE D PLANT ELECTRICAL POWER DISTRIBUTION MOTOR CONTROL
CENTER

Consisting of but not necessarily limited to: 19- SQUARE D, Class 8839 58 M
Adjustable Speed Drive Controller Cabinets.

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**CHESAPEAKE GREEN FUELS
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LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

FIRE DETECTION AND SUPPRESSION EQUIPMENT

111 – FIRE DETECTION AND SUPPRESSION EQUIPMENT

Consisting of but not necessarily limited to: 1- PATTERSON 6 x 6 VIP Size and Type Centrifugal Pump, s/n FP-CO54321, 750 gpm, powered by 40 hp Electrical Induction Motor, having all necessary Valves, Gauges and Fittings; 1- JOSLYN CLARK Cat. No. D3C164-4 Electronic Fire Pump Controller, s/n 273360; 1-NOTIFIER® Fire Warden-100 Fire Alarm Control-Communicator. (NOTE: Located in a Dedicated Room Inside the Utility Building.) 1- ANSUL Ansulite® 3x3™ Low Viscosity Aqueous Foaming Concentrate Supply Tank, Vertical, 55 gal., Contents Skirted, Tank s/n 100482 (NOTE: Located in a Dedicated Room attached to the Southwest Exterior Wall of the Process Building.

BREAK AND CHANGE ROOM LOCATED IN UTILITY BUILDING

112 – MAGIC CHEF REFRIGERATOR / FREEZER

MCBR980W 0603MCBR980W04365 10-12 cu. ft. (est.). (NOTE: Door does not close.)
With LIFETIME TABLE, FLODING LEG 6 ft. long.
With GOLDSTAR MULTIWAVE OVEN.
With 7- LYON METAL PRODUCTS CLOTHES LOCKERS Full Length.
With QUARTET® BULLETIN BOARD 3 ft. x 5 ft. (approx.) having Cork Backing.
With BARNSTEAD REVERSE OSMOSIS WATER SYSTEM RO PURE INFINITY™.
With WESTBEND COFFEE MAKER.

UTILITY BUILDING SHOP

113 – 2- LYON® FLAMMABLE STORAGE CABINETS 5460 60 gal. Capacity Each.

114 – RELATED MOTOR AND MIXER / AGITATORS

Consisting of but not necessarily limited to: 3- Total, 2- are LIGHTNIN/NETTCO Model NSGF-200 Agitators, Inline, each powered by 2 hp (est.) Electric Motor; 4- (approx.) Electric Motors, 3 hp (est.) and smaller; 1- Right Angle Reduction Gear Box; 1- Base Plate; 2- Pump Mounting Modules.

115 – 2- STORAGE SHELF UNITS

Metal 6 ft. wide x 6 ft. high x 30 in. deep (est.), 1- with 6- Adjustable and 1- with 4- Adjustable Wire Floored Shelves.

With 2- STORAGE SHELIVING UNITS, METAL

72 in. high x 72 in. wide x 24 in. deep (approx.) having Wire Mesh Shelf /Deck.

**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

| LOT # | QUANTITY | MANUFACTURER | MODEL | SERIAL NUMBER | DESCRIPTION |
|--------------|-----------------|---------------------|--------------|----------------------|---|
| 116 | | | | | VALVES, VALVE ACTUATORS AND RELATED CONSUMMABLE SUPPLIES Consisting of but not necessarily limited to: 15 + (est.), 2 in. dia. and smaller, Steel Plugs; Valves, Flanged; 6 + (est.) Valve Remote Actuated Valve Controllers; Top Shelves containing Related Consumable Supplies. With Miscellaneous Contents Consisting of but not necessarily limited to: 4- Electric Induction Motors, 2- Steam Valves, 2- Submersible Pumps, 2- Centrifugal Pump Housings, 2- QC Hose Fittings. |
| 117 | | | | | UNASSIGNED |
| 118 | | | | | BREATHING FACE UNITS WITH CANISTER Safety Harness and 3- (est.) TINGLEY Coats/ Suspender Pants. |
| 119 | | | | | 2- PARTS STORAGE SHELVING UNITS, ROTATING VERTICAL TYPE 8- Shelves, Each 36 in. dia. (approx.) having (approx.) 6- Partitions / Dividers; With Contents of: Black Pipe Fittings of 2¼ XXH to ½ in. Ells, Unions, Crosses, Nipples, Valves and Tees, Some Stainless Steel Fittings and Similar. |
| 120 | | | | | SHOP VAC® WET/DRY VACUUM, PORTABLE Contractor' 6.5 Peak hp, 20 US gallons. |
| 121 | | | | | FILTER SOCKS, FABRIC Consisting of but not necessarily limited to: 2- Cardboard Boxes. |
| 122 | | | | | DURCO / FLOWSERVE CENTRIFUGAL PUMP MK3 LO FLO 0809-5900A 275 (Mfg. Oct. 2009) Size 1K1.5 x 1LF-820P/5.44, Powered by BALDOR 5 hp Electric Motor, Unitized on a Pressed Channel Steel Base. |
| 123 | | | | | WOOD & STEEL SHELVING UNIT WITH CONTENTS Of Pipe Hanger Straps, Steel and Copper; 1- Storage Unit, Wood, 5- Shelves having Related Hanger Hardware. |
| 124 | | | | | 3- Bags CHEMICAL LIME HYDRATED LIME & ABSORBENT Consisting of but not necessarily limited to: 2- High Calcium 50 lb. Bags; 1- PUREFLO Absorbent 50 lb. Bag. |
| 125 | | | | | GRUNDFOS PARISTOLIC PUMP Type CRN5-22 A96609490-P10548205, 30.38 gal. pm, powered by BALDOR 7.5 hp. |
| 126 | | | | | 7- Barrels CONDOR TECHNOLOGIES FORMULA 2037 & Other Manufacturers, 20 and 35 gal. (est.) Capacity. |
| 127 | | | | | UNASSIGNED |
| 128 | | | | | MODERN EQUIPMENT COMPANY, INC. BARREL HAND TRUCK 45P 1000 lbs. Capacity. |
| 129 | | | | | ALDON COMPANY INC RAIL CAR MOVER, MANUAL 4017-01 (Apparently UNUSED/Very Little Use.). |
| 130 | | | | | WERNER® EXTENSION LADDER D6224-2, Mark 8 24 ft. Fiberglass, 300 lb. Capacity. |

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**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

131 – WERNER® STEP LADDER FIA 10, Mark 16 10 ft., Fiberglass, 300 lbs. Capacity.

132 – WERNER® STEP LADDER FIAA08, Mark 5 8 ft., Fiberglass, 375 lbs. Capacity.

133 – UNASSIGNED

134 – WERNER® STEP LADDER FIA06, Mark 16 6 ft., Fiberglass, 300 lbs. Capacity.

OFFICE BUILDING

RECEPTION AREA

135 – DESK 90° Unit having 2- 3 ft. long and 1- 4 ft. long Corner Unit.

With CHAIR, SWIVEL Item # 795-0693-KN High Back.

With BOOKCASE, WOOD 5- Shelf, 72 in. high x 30 in. wide.

With HON FILE CABINET, VERTICAL 2- Drawer, Letter.

With HEWLETT PACKARD OFFICEJET ALL-IN-ONE MACHINE 7310.

PRESIDENT'S OFFICE

With DESK 90° Unit, Double Pedestal, Wood.

With 2- HON FILE CABINETS, LATERAL Each with 2- Drawers.

With DELL COMPUTER

Dimension E150 Having Dell Flat Screen Monitor, Keyboard, Mouse and Speakers.

With CHAIR, SWIVEL High Back.

PLANT MANAGER'S OFFICE

With DESK 90° Unit, Double Pedestal, Wood; 1- Double Pedestal Desk, Metal.

With HON FILE CABINET, VERTICAL 4- Drawer Letter, 36 in. long.

With CHAIR, SWIVEL Mid-Height Back.

With QUARTET® DRY MARKER BOARD 3 ft. x 4 ft. Aluminum Frame.

With QUARTET® CORK BOARD 2 ft. x 3 ft. Plastic Frame.

BOARD ROOM

With CONFERENCE TABLE, WOOD

4 ft. wide x 12 ft. long, Rounded at Each End, 2- End Mounting Pedestals.

With 6- CHAIRS. SWIVEL High Back, Arm.

With 2- BOOKCASES, WOOD 4- shelf, 5 ft. high x 3 ft. wide (approx.).

With QUARTET® DRY MARKER BOARD 5 ft. high x 6 ft. long having Wood Frame.

With PLANT, DECORATIVE GREENERY IN POT, ARTIFICIAL

1- 6 ft. high, 1- 15 in. high.

With 5- AT&T TELEPHONES 4- Line, 4- are Model 955 and 1- is Model 974.

**CHESAPEAKE GREEN FUELS
CLAYTON, DELAWARE USA**

LOT # QUANTITY MANUFACTURER MODEL SERIAL NUMBER DESCRIPTION

With OFFICE BUILDING CONSISTING OF: 2- MODULAR BUILDINGS
10 ft. wide x 33 ft. long, having 2- 15 ft. x 15 ft. Exterior Wood Decks with
Perimeter Safety Railing, 1- is Equipped with ADA Ramp; 2- HVAC Units, 1-
Located in Each Building.

With MOTOROLA 2- WAY RADIO SYSTEM
Consisting of but not necessarily limited to: 1- Radius CM 200 Base Station with
Exterior Pole Type Antenna, 3- Model HT750 Hand Sets.