

Unused Kellogg Ammonia Equipment

Built for 1,500 TPD Kellogg Ammonia Plant

Exchangers

100423 - 129C CS Shell/CS Tubes/CS Heads 256 PSI Shell/1,550 PSI Tubes Built 1988

100424 - 102C 3,313 SqFt CS Shell/CS Tubes/CS Heads 1,678 PSI Shell/512 PSI Tubes Built 1988

95061 - 108C 3,600 SqFt CS Shell/304SS Tubes/304SS Heads 260 PSI Shell/93 PSI Tubes Built 1988

95060 - 106C 5,263 SqFt 304SS Shell/304SS Tubes/304SS Heads 150 PSI Shell/455 PSI Tubes Built 1988

95059 - 110C-2 9,940 SqFt 304SS Shell/304SS Tubes/SS Clad Heads 75 PSI Shell/150 PSI Tubes Built 1988



100423



100424

Complete Compressor Trains: Kellogg 101 and Kellogg 105

95055 - 105J Ammonia Refrigeration 10,210 HP/7,250 RPM Mfg. Delaval Model 8CK44 14,010 ACFM

95056 - 105J Ammonia Refrigeration 3,075 HP/7,250 RPM Mfg. Delaval Model 7CL44 12,000 ACFM

95057 - 105JT Ammonia Refrigeration Steam Turbine 16,929 HP/7,300 RPM Mfg. Delaval Model HJ-DF-MV

100425 - 101J Air Compressor Mfg. Delaval Model 9CK37

100427 - 101J Air Compressor Mfg. Delaval Model 5CDK44 47,762 ACFM

100426 - 101JT Steam Turbine 16,929 HP/7,980 RPM Mfg. Delaval Model HJDF



Photo Above: Complete 101 Air Compressor Train

**LC
EC**

For Additional Information, Please Contact:

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Phone: (281) 471-4900 - Fax: (281) 470-2968

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Surplus Kellogg Ammonia Equipment

Exchangers

- 86539 - **136C** 1,365 SqFt CS Shell/CS Tubes/CS Heads 435 PSI Shell/1,040 PSI Tubes
99557 - **136C** 1,365 SqFt CS Shell/CS Tubes/CS Heads 435 PSI Shell/1,040 PSI Tubes Built 1976
58995 - **128C** 2,063 SqFt CS Shell/CS Tubes/CS Heads 150 PSI Shell/75 PSI Tubes Built 1991
58994 - **119C** 3,110 SqFt CS Shell/CS Tubes/CS Heads 150FV PSI Shell/2,250 PSI Tubes Built 1964
71698 - **114C** 4,430 SqFt CS Shell/CRMO Tubes 1,715 PSI Shell/425 PSI Tubes Built 1967
98867 - **114C** 4,430 SqFt CS Shell/CRMO Tubes/CS Heads 1,715 PSI Shell/425 PSI Tubes Built 1966
98864 - **104C** 4,880 SqFt CS Shell/CS Tubes/CS Heads 435 PSI Shell/485 PSI Tubes Built 1966
98866 - **118C** 5,135 SqFt CS Shell/CS Tubes/CS Heads 250 PSI Shell/2,350 PSI Tubes Built 1966
98880 - **106C** 5,705 SqFt 304SS Shell/430SS Tubes/CS & 304SS Heads 130 PSI Shell/440 PSI Tubes Built 1976
98865 - **106C** 5,728 SqFt 304SS Shell/430SS Tubes/304SS Heads 130 PSI Shell/440 PSI Tubes Built 1966
98859 - **103C** 6,027 SqFt CS Shell/CRMO Tubes/CRMO Heads 1,685 PSI Shell/500 PSI Tubes Built 1993
76168 - **105CB** 6,110 SqFt CS Shell/316 Tubes/304 Heads 440 PSI Shell/75 PSI Tubes Built 1976
98869 - **105CA** 6,110 SqFt CS Shell/316SS Tubes/304SS & 304SS Clad Heads 440 PSI Shell/75 PSI Tubes Built 1966
98868 - **123C** 6,230 SqFt CRMO Shell/CRMO Tubes/CRMO Heads 1,715 PSI Shell/2,184 PSI Tubes Built 1999
98860 - **103C** 6,400 SqFt CS Shell/CRMO Tubes/CRMO Heads 1,685 PSI Shell/485 PSI Tubes Built 1996
98863 - **104C** 7,425 SqFt CRMO Shell/CRMO Tubes/CRMO Heads 420 PSI Shell/485 PSI Tubes Built 1997

Vessels & Reactors

- 98871 - **106D** 5,800 Gallons 9'6" x 9'2" CS 425 PSI Built 1966
98870 - **106D** 8,000 Gallons 10'6" x 10'6" CS 430 PSI Built 1976
98879 - **108D** 8,500 Gallons 8'0" x 21'0" CS 727 PSI Built 1976
76124 - **101D** 9,250 Gallons 9'6" x 15'5" CS 451 PSI Built 1975

Compressors

- 89085 - **101JA** 6,930 RPM Mfg. Delaval Model 5CK57 31,785 ACFM
89084 - **101JB** Air Compressor 11,210 RPM Mfg. Delaval Model 7CK31 4,450 ACFM
89086 - **102J** Mfg. Clark Model 1M7 946 ACFM
99559 - **102JA** High Pressure Feed Gas Mfg. Clark Model 2M7 1,695 ACFM
99560 - **102JB** Low Pressure Feed Gas Mfg. Clark Model 55386 6,165 ACFM
98876 - **103JL** SynGas Mfg. Clark Model 2BC9-8 3,871 ACFM
98875 - **103JH** SynGas 3,052 HP Mfg. Clark Model 2BF9-8 1,539 ACFM
89076 - **103JH** SynGas 10,850 RPM Mfg. Clark Model 2BF9-8 1,134 ACFM
89077 - **103JL** SynGas 10,850 RPM Mfg. Clark Model 2BC9 3,114 ACFM
99562 - **103JAHP** SynGas 11,000 RPM Mfg. Clark Model 2BF9-8 1,643 ACFM
99563 - **103JBLP** SynGas 11,000 RPM Mfg. Clark Model 2BC9 4,311 ACFM
89079 - **105J** 6,950 RPM Model 4C57 17,240 ACFM
89080 - **105J** 9,250 RPM Mfg. Delaval Model 7CK45 13,845 ACFM
98873 - **105JL** 2,208 HP/5,981 RPM Mfg. Delaval Model 4C 30/20 18,560 ACFM
98874 - **105JH** 9,422 HP/8,900 RPM Mfg. Delaval Model 7CK 20/14 14,670 ACFM
76240 - **105J** Ammonia Refrigeration 6,700 RPM Mfg. Delaval Model 7CK45 15,994 ACFM
76241 - **105J** Ammonia Refrigeration 6,700 RPM Mfg. Delaval Model 4CK57 21,434 ACFM



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Turbines

- 99561 - **102JT** Condensing 6,747 HP/10,121 RPM Mfg. Turbodyne
- 98878 - **103JBT** Condensing 1,918 HP/10,348 RPM Mfg. Delaval Model GJSV
- 89074 - **103JBT** Condensing 7,500 HP/10,850 RPM Mfg. Delaval Model GJMV
- 99565 - **103JAT** Topping Turbine 15,500 HP/10,348 RPM Mfg. Delaval Model GJMV-DC
- 89078 - **105JT** Condensing 12,390 HP/6,625 RPM Mfg. Delaval Model KJDF

Spare Compressor Rotors

- 99559R - **102JA** High Pressure Feed Gas Mfg. Clark Model 2M7
- 99560R - **102JB** High Pressure Feed Gas Mfg. Clark Model 553-8+6
- 77856 - **103J** Mfg. Clark Model 2BF9-8
- 77857 - **103J** Mfg. Clark Model 2BC-9
- 76244B - **103J** CI Mfg. Clark Model 2BF9-8
- 76245B - **103J** CI Mfg. Clark Model 2BC-9
- 76245R - **103J** SynGas Mfg. Clark Model 2BC-9
- 98875R - **103JH** SynGas Mfg. Clark Model 2BF9-8
- 99562R - **103JL** SynGas Mfg. Clark Model 2BF9-8
- 76244R - **103J** SynGas 5,270 RPM Mfg. Clark Model 2BF9-8

Spare Turbine Rotors

- 77858 - Rotor Assembly Mfg. Turbodyne Model 283-WHB-FF
- 77862 - Rotor Assembly Mfg. Elliott Model DYRPG
- 77863 - Rotor Assembly Mfg. Elliott Model 2AYRT
- 77864 - Rotor Assembly Mfg. Elliott Model SBPG-5
- 89823 - **101JT** Mfg. Delaval Model KJDF
- 89824 - **101JT** Mfg. Delaval Model KJDF
- 99561R - **102JT** Mfg. Turbodyne
- 98890 - **102T** High Pressure Feed Gas Mfg. Clark Model 2M7
- 98891 - **103JBT** Mfg. Delaval Model GJMV

Pumps

- 77871 - **107J** Mfg. Bingham Model MSB
- 76216 - **107JE** 10 x 8 x 13.5 SS Case/SS Impeller Mfg. Bingham Model HT-HSB
- 76212 - **107JA** 1,474 HP 8 x 10 x 12.5 CS Case/CS Impeller Mfg. Bingham Model MSB
- 76213 - **107JB** 1,474 HP 8 x 10 x 12.5 CS Case/CS Impeller Mfg. Bingham Model MSB
- 76214 - **107JC** 1,474 HP 10 x 8 x 12.5 CS Case/CS Impeller Mfg. Bingham Model HM-MSB
- 76215 - **107JD** 1,474 HP 10 x 8 x 12.5 CS Case/CS Impeller Mfg. Bingham Model HM-MSB
- 76208 - **104J** 1,900 HP 8 x 6 CS Case/CS Impeller Mfg. Pacific Model BFIC
- 76209 - **104JA** 1,900 HP 8 x 6 CS Case/CS Impeller Mfg. Pacific Model BFIC

Gears

- 89083 - **101JG** 4,610 HP Increaser Gear Mfg. Delaval Model HG-Spec Helical
- 76243 - **105JG** 10,180 HP Helical Gear Mfg. Delaval Model HG-Spec

The above is a sample list of our present Kellogg ammonia equipment inventory. Please contact Louisiana Chemical Equipment Company, LLC for any piece of equipment you may be interested in as we are continuously adding to our inventory.



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