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Remarks: Flowsheet; cyanide recovery plant
Section 5.50. Absorption.


68. 1-25 Cent. Pump, 2,000 gpm, 100 HP Motor, Used Continuously To Feed Solution To The 50' Absorption Towers.

69. 1-8 x 24' 50' Absorption Tower Packed 50' Full Of Raschig Earthware Cylinders. Measuring 1' Long, Outside Dia. 3" and Inside Dia. Packed All Random.

72. 1-2.7' Emergency 50' Absorption Packed With 1' Raschig Cylinders.

70. 1-14 x 36' Rotary Sulphur Burner, 1,500 lb, 100 HP Motor,

71. 2-31 x 36' Anthracite Stove, 1,500 lb, 100 HP Motor, 3,200 gpm, 1,500 lb, 100 HP Motor. One Tan Used Continuously 1 Air Burner.

72. 1-12 x 10' 12' Semi-Submerged Solution Feed Box. Provided With Coagulator Outlet To Maintain Constant Level And Depth Of Solution For Uniform Feed To Disperser.

Section 7. Transfer Of Material.

73. 1-4 x 24' Fractionation Or HCN Dispersing Tower, Packed Nearly Full Of Raschig Rings. HCN/Micro Maintained In Tower. And

77. 1-5 x 50' HCN Absorption Or Fixing Tower, Packed With Horizontal Wooden Grids. High Vacuum Maintained In Tower. And

76. 1-2 x 6' Solution Air Seal Tank.

78. 1-2 x 6' Solution Air Seal Tank.

Section 8. Condensate Recovery.

79. 1-1/2 x 6' Immersion Condenser, Packed With 1' Raschig Rings. Cold Water Is Feed To The Top Of The Condenser.

80. 1-45' Barometric Leg (1/2' Iron Pipe)

81. 1-2 x 6' Water Air Seal Tank.

82. 1-144 Cu. Ft. 3' Beach Foss, High Compound, Vacuum Gate Rotary Pump, 2 Shaft 200 RPM, 100 HP Motor With Counter Drive. The Jig Gates Is Connected To The Condenser With 1/2" Pipe. The Condenser to the Fixer With 1/2" Pipe. The Fixer To The Disperser With 1/2" Pipe. Wherein A High Vacuum Is Maintained Throughout The System.

Section 8. Precipitate Recovery.

84. 1-1 x 6' Settling Tank, Arranged With Perforated Continuous Discharge Mechanism.

85. 1-14 Settling Tanks, Without Discharge Mechanism.

86. 1-4 x 4' Precipitate Sludge Storage Tank.

87. 1-4 x 4' Leaf Street and Clay Shell Filter Press, 1/2' Feed Pump, 175 RPM, 100 HP Motor.

88. 1-10 x 24' Steam Dryers.

Sections S and T on Same Level. Section P on Level 45 Feet Below.