

1,800 TPY Glycerin Plant for Sale

Capacity: 1,800 TPY

Year Built: 1996

Raw Materials: Crude Glycerin

End Products: Glycerin

Process Information

The glycerin coming from the existing deaerator is fed under flow control, to the distillation column, on the discharge side of the reboiler recirculation pump. The distillation column is composed of various sections that, starting from the bottom, are: the bottom section, first packing layer, the second packing layer, the third packing layer, the fourth packing layer, and the demister. The vacuum system is connected to the top of the column and it is composed of two boosters, surface intermediate condenser and one vacuum pump. The distilled glycerin is then fed to the existing bleaching section.

Main Equipment

- Distillation column
- Purified sweet water tank
- Glycerin pre heater
- Column reboiler
- Stripped Glycerin condenser
- Deaerator
- Pumps
- Control switchboard
- Instruments



BRIEF PLANT DESCRIPTION

The 1,800 TPY glycerin plant uses crude glycerin as feed stock to produce final, distilled glycerin with minimum purity of 99.6%. The crude concentrated glycerin is transferred through a pump to the deaerator to remove any air. Then it's transferred to the heat exchanger where reach 80C, entering to the column to be distilled in different stages under a special conditions to produce distilled glycerin with 99.6% min B.P. USP glycerin.

Contact Us for More Information

For more information contact -

Edward Zhang, Plant Sales

plants@phxequip.com

+1 732.520.2187 (Direct Dial)

+1 845.242.3378 (Mobile)

To discuss plants you are selling -

Jesse Spector

plants@phxequip.com

+1 732.709.7157 (Direct Dial)

+1 908.902.8854 (Mobile)