

Capacity: 40 – 250 MMSCFD Sour Gas containing 50 – 600 ppmv H₂S

Raw Materials: Natural Gas

End Products: Sweetened Gas Feed

Basic Information

This Amine System provides gas sweetening to the incoming inlet hydrocarbon gas by removing CO₂ and H₂S gas. The amines used in a gas treating unit such as this can be Diethanolamine (DEA), Monoethanolamine (MEA), Methyldiethanolamine (MDEA), Diisopropanolamine (DIPA), Aminoethoxyethanol (Diglycolamine) (DGA).

Equipment List

- Two (2) Absorbers (1250 psi @ 200°)
- Flash Drum
- Regenerator
- Flash Gas Contactor
- Overhead Cooler
- Overhead Condenser
- Amine Coolers
- Heat Exchangers
- Amine Pumps
- Re-generator Reflux Pumps
- Booster Pumps
- Re-boiler Pumps
- Amine Cloth filter

40 – 250 MMSCFD Amine Plant for Sale



BRIEF PLANT DESCRIPTION

Phoenix Equipment has for sale this Amine Plant available immediately for purchase. This amine gas treater is used to remove hydrogen sulfide H₂S and carbon dioxide CO₂ from inlet gas of 40 – 250 MMSCFD natural gas. Different amines that can be used in gas sweetening or acid gas removal are Diethanolamine (DEA), Monoethanolamine (MEA), Methyldiethanolamine (MDEA), Diisopropanolamine (DIPA), Aminoethoxyethanol (Diglycolamine) (DGA). This amine plant operates at 1,000 GPM @ 1250 PSI @ 200°.

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)