



You Build, We Protect!

HEGGEL® Corr 212

High-Tech Polymeric Coating For Superior Corrosion Protection

Reference Guide: Oil & Gas Refinery Projects

#	Profile of Equipment-Sector	Operational Parameters
1	Amine Regenerators	Temperature: 100°C -135°C Pressure: 29- 43.5 psi Contact Media: Mixture of Amine and Acid Gas Containing H ₂ S and CO ₂
2	Amine Regenerator/Reboiler	Temperature: 140°C Pressure: 29- 43.5 psi Contact Media: Lean Amine Mixture, MDEA, Oxalic Acid, Acetic Acid, Sulfuric Acid, H ₂ S and CO ₂
3	Amine Absorber/Scrubber	Temperature: 58°C Contact Media: Hydrocarbon containing H ₂ S, CO ₂ , Mercaptans Aqueous phase containing Glycol (MEG)
4	Absorption Tower	Temperature: 60°C Contact Media: H ₂ S Rich in Water
5	Desalter	Temperature: 70°C Pressure: 525 psi
6	DSO Separator	Temperature: 40°C Pressure: 95 psi Contact Media: Containing Rich Caustic, Mercaptans and CO ₂
7	Gas Separator	Temperature: 55°C Pressure: 240 psi Contact Media: Gas Containing H ₂ S and CO ₂
8	Sour Service Vessels	Pressure: 1000 psi Contact Media: Amine and Molten Sulfur
9	Gas Sweetening Services	Temperature: above 50°C Pressure: 510 psi Contact Media: H ₂ S, CO ₂ and Hydrocarbon Blends
10	Acidic Gas Processing Unit	Temperature: above 140°C Pressure: 1000 psi Contact Media: Hydrocarbon, H ₂ S, CO ₂ , Amine and Water
11	High-Sulfur Gas Purification Unit	Pressure: 2000 psi Contact Media: Oil/Gas/H ₂ S/Water