



شرکت پتروشیمی فن آوران
(سهامی عام)

Desired Specification for Condensate Corrosion Inhibitor

Target: neutralizing CO₂ & increase the PH of steam / condensate against Corrosion attack

Boilers Specification:

Type of Boilers: Waste Heat Boiler (Fire Tube D-Type boiler)

Operating Pressure: 43-120 Barg

Operating Temperature: 256-320 C

BFW: Return Turbine Condensate + Process Condensate + DWW for make-up

Below items must be mentioned in technical offer:

- 1) Purity: base on Blend of 30% (w/w) cyclohexyleamine & 25% (w/w) Morpholine
- 2) chemical must be blend with DM Water
- 3) PH (100%) : more than 12
- 4) Specific Gravity@25 C : 1(approx)
- 5) Appearance : Colorless to pale yellow
- 6) Odor : Ammonia
- 7) Free of any suspended solid & Hardness
- 8) TDS & MSDS attached in technical offer
- 9) 2 years expiry time attach on each drum
- 10) Condensate Corrosion Inhibitor Label attach each drum & shrink