KLINGER Fluid Control

Application Case for Pulp & Paper

Klinger Ballostar KHA for nitric acid

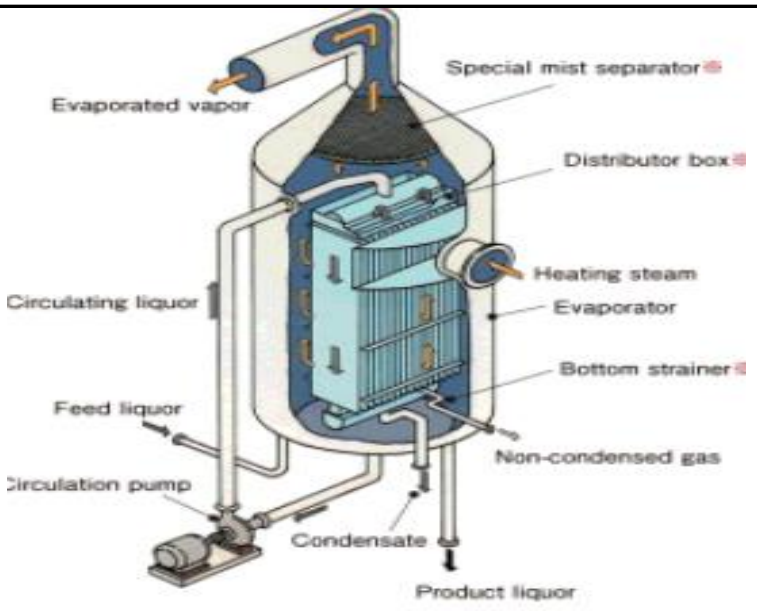
Application Location:
Recausticizing & Evaporation Area

Media:
Nitric acid

Media properties:
Abrasive and corrosive media

Operating Temperature:
Different

Operating Pressure:
PN25



Description of application:

In the recausticizing and evaporation area of some pulp and paper plants, the pipelines for green liquor will be cleaned with nitric acid to avoid clogging. Nitric acid is a very abrasive and corrosive liquid and will be used to dissolve solids which are sticking on the inner surfaces of the pipelines. The aggressivness of this liquid can change with pressure and temperature. KLINGER Ballostar KHA ball valves are the perfect solution when nitric acid is used to clean the pipe.

Execution of ball valve series KHA for nitric acid:

Line Size range: DN15 - DN125, PN16/25/40/63/100
Stem sealing: PTFE labyrinth stuffing box
Stem Material: 1.4104, 1.4404
Sealing system ball: KFC soft sealing (75%PTFE & 25% graphite coal)
.) KFC --> leakage rate A
Ball material: Stainless steel 14401/14408
Body material: Stainless steel 1.4408
Additional equipment:
.) Flanges, weld ends or threaded ends
.) Full or reduced bore
.) With additional PEEK washer on stem for high operating cycles
.) Pneumatic actuator for fast closing



Contact person for further information

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