

Application Success Story:

Industry: Power Generation

Product: Lime Slurry

Sealing Solution: Packing

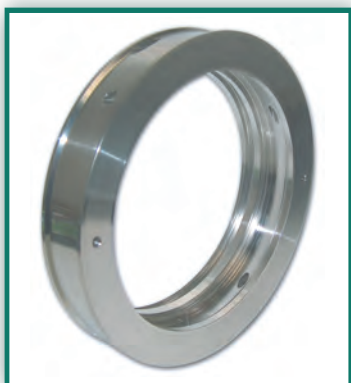


• Application Info

- ASH Envirotech pump
- Shaft: 7.125" / 180.98mm
- Bore: 9.184" / 233.27mm
- Product: Lime slurry for stack scrubber

• Problem

- Previously the plant had used 5 rings of packing and the OEM lantern ring that was located in the bottom of the stuffing box. They were having problems with leakage control of the packing and flush control to keep the solids from entering the packing. At one point they even hooked up a second water source to the flush connection to attempt to overcome the solids leaking through the packing
- Packing was lasting four to six months
- Each repack was a major ordeal and the plant would lose the ability to scrub stack gases



• Solution

- SpiralTrac™ Version P Type S #PI7125RS9184 (416)
- Three rings of Chesterton 1730™ Packing

• Result

- Flush rate: 5 GPM / 18 LPM
- At this time the pump has been running trouble free for ten months now and the leakage is controlled and clear.
- Based on the sealing success with these scrubber pumps the maintenance supervisor is looking at installing SpiralTrac in all of the Clinker Grinders in the plant.

