



OEM MECHANICAL SEAL PROBLEM SOLVED FOR POWER GENERATION EQUIPMENT MANUFACTURER

Cartridge Seal which was being used in Boiler Feed Pump had some leakage for which reconditioning was done

Our engineer first went to the factory to determine what was happening. Following the discovery of a leak in the cartridge seal in the boiler feed pump, we were sent the seal's drawings. The design was thoroughly inspected in the design department before handing the seal to the quality control department, where the faults were clearly highlighted and a plan of action was established. The seal was hydraulically tested after reconditioning to ensure that there were no abnormalities. After being thoroughly tested, the seal was installed in the site equipment.

At the location, a dynamic testing was conducted with the appropriate parameters to do the final test for seal in question, following which it was found to be working in perfect condition.

The Cartridge Seal was reconditioned at much lower cost than OEM and is still working perfectly.



- Working Temperature – -180°C
- Pressure – 22Kg/cm^2
- Seal Size – 95mm
- Seal Type – Single Cartridge Seal