



DRY GAS SEAL LEAKAGE PROBLEM SOLVED AT A MAJOR FERTILIZERS PLANT IN SOUTH INDIA.

Dry gas Seal was being used in root blower K-1203 for handling of nitrogen gas , where leakage problem was identified

The breakdown of the dry gas seal resulted in nitrogen gas leakage, which was discovered. To resolve the aforementioned problem, all of the seal's technical parameters, as well as its dimensional drawing, were meticulously examined. The problem was detected and work on it began after all of the seal tests were completed at the quality control department.

The seal was reconditioned, the elastomers were replaced, and the seal was shipped to the plant after passing all essential testing.

Our engineer installed the seal after testing it on location.

The seal's performance was deemed sufficient, and has been performing at optimal conditions for last 3 years.

The dry gas seal service was implemented at a much more affordable price than if it was outsourced to an OEM



- Working Temperature -90°C
- Pressure - 6 Kg/cm²
- Seal Size - 4.625"
- Seal Type - CS 185 / DGS
- Media - Nitrogen