Generator oil inlet pipe wind shaft

The function of the generator sealing oil system is to prevent external gas from entering the generator and prevent hydrogen from leaking out of the machine, so as to ensure the purity and ...

The primary function of the Inlet Duct System is to direct airflow from the inlet filter house to the inlet plenum and then to the axial compressor bellmouth with uniform flow and minimum pressure drop.

This document provides information on the seal oil system for a 220MW steam turbine generator, including technical parameters, product structure, acceptance and installation procedures, operation, ...

1:-The shaft seal consists of seal liner, lined with Babbitt metal and pressed against the collar of the rotor or on the rotor. 2:-The liner is kept pressed to the shaft collar or on the shaft by ...

This information is provided to aid in the safe and proper installation of Generator Systems.

To mitigate hydrogen leakage, generators use complex sealing systems around the main shaft that rely on oil pumped into gland type seals at a pressure higher than the generator hydrogen pressure.

Shaft seals are supplied with pressurized seal oil to prevent hydrogen losses at the shaft and air entry into the hydrogen-cooled generator. As long as the seal oil pressure in the annular gap ...

Generator shaft seals are supplied with pressurized seal oil to prevent hydrogen escape at the shaft and the ingress of air in to the generator. As long as this seal oil pressure in the annular gap exceeds the ...

Maintenance of proper oil pressure at the bearing inlet is extremely impor tant for safe and trouble·free operation of the turbine generator. Discussed below are three cases of improper oil pressure.

Slide the line-shaft into bottom of column pipe and allow it to extend approximately 15" below the bottom end of the pipe. Make certain the sleeve area of the line-shaft (if applicable) is toward the top of the ...

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