

Asset Information Sheet

Asset ID: P-101

Asset Name: Centrifugal Water Pump

Location: Sector 4, Cooling Tower Supply

Manufacturer: FlowServe

Model: 3D-1000

Operational Since: January 15, 2022

Function: Supplies cooling water to the primary heat exchanger. Critical for plant operations.

Operating Schedule: 24/7 continuous operation.

Maintenance History Notes:

- **June 2023:** Replaced bearing assembly due to excessive vibration. Vibration analysis recommended monthly checks.
- **September 2023:** Minor leak detected at pump casing seal. Seal was tightened. Recommend weekly visual inspection for leaks.
- **December 2023:** Motor alignment performed. Manufacturer recommends alignment checks every 6 months or after any major service.

Manufacturer Recommendations:

- **Daily:** Check for unusual noise or vibration.
- **Weekly:** Inspect for leaks at seals and connections.
- **Monthly:** Check bearing lubrication levels. Verify motor and pump mounting bolts are secure.