

Specification Sheet: Centrifugal Pump CP-7500

Asset ID: CP-7500

Application: Primary circulation pump for municipal water treatment facility. Critical for maintaining system flow.

Operating Parameters: - **Fluid:** Potable Water - **Flow Rate:** 1,500 Gallons Per Minute (GPM) - **Operating Pressure:** 75 PSI - **Operating Hours:** 24/7 continuous operation

Key Components: 1. **Motor:** 50 HP Electric Motor 2. **Pump Casing:** Cast Iron 3. **Impeller:** Bronze, closed type 4. **Bearings:** Sealed roller bearings 5. **Mechanical Seal:** Carbon/Ceramic seal to prevent leakage

Maintenance & Monitoring: - **Preventive Maintenance:** Bearings lubricated quarterly. - **Monitoring:** Vibration analysis conducted semi-annually. Pressure gauges at inlet/outlet monitored daily by operators.