

Hydroelectric Plant Operator

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Dynamic Hydroelectric Plant Operator with 7 years of extensive experience in managing and optimizing hydroelectric systems. Expertise in troubleshooting mechanical failures, implementing safety measures, and enhancing operational efficiency. Dedicated to promoting teamwork and sustainability while ensuring compliance with industry standards and regulations.

Hydroelectric Plant Operator

Mar / 2020-Ongoing

📌 Phoenix, AZ

1. Conduct comprehensive system tests to identify and rectify malfunctions in hydroelectric systems.
2. Monitor and analyze utility readings, making necessary calibrations to ensure optimal performance of water, air, hydraulic, and electrical components.
3. Identify and evaluate discrepancies in operational readings, initiating corrective actions as needed.
4. Collaborate with Engineering and Maintenance teams to generate work orders and validate system integrity.
5. Implement lockout/tagout procedures to ensure safety during maintenance activities.
6. Maintain compliance with personal protective equipment (PPE) protocols based on operational requirements.
7. Document and report operational issues and system performance metrics to management.

Mar / 2018-Mar / 2020

📌 Denver, CO

1. Operate and monitor the hydroelectric generation system, ensuring all associated equipment functions effectively.
2. Conduct routine inspections of equipment and controls, troubleshooting any operational issues.
3. Perform water quality sampling and testing to ensure compliance with environmental standards.
4. Assist in the development of maintenance schedules for hydroelectric plant equipment.
5. Work closely with the quality control team to ensure adherence to operational standards.
6. Participate in safety drills and training sessions to enhance workplace safety.

Mar / 2016-Mar / 2018

📌 Chicago, IL

Focused on the principles of hydroelectric power generation, safety protocols, and equipment maintenance.

Safety Compliance Certification



8

9

Aerial Work Platform Operation



- 🌟 Developed and executed a water quality monitoring program that improved compliance with environmental regulations.

- 🌟 Streamlined maintenance processes, reducing costs by 10% while maintaining operational standards.
- 🌟 Achieved recognition for outstanding teamwork and collaboration in a multi-disciplinary plant project.