

George Smith

Power Plant Operator

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Profile Summary

Dedicated and highly skilled Power Plant Operator with over 10 years of experience in managing and optimizing electric power generating equipment. Demonstrated expertise in controlling and maintaining turbines, boilers, generators, and auxiliary equipment. Proven ability to enhance operational efficiency and ensure compliance with safety standards.

Work Experience

Lead Power Plant Operator

Springfield Energy Solutions
1st Jan, 2015 - Present

- Supervised operational activities across a 500 MW power generation facility, ensuring seamless electricity supply.
- Optimized power plant startup procedures, reducing energy waste by 15% and enhancing efficiency.
- Trained and mentored a team of 20 junior operators, resulting in improved performance and reduced error rates.
- Implemented health and safety protocols, achieving zero lost-time incidents over three consecutive years.

Power Plant Operator

Midwest Power
1st Mar, 2010 - 31st Dec, 2014

- Operated and maintained coal-fired, gas, and hydroelectric power plants with a combined capacity of 300 MW.
- Identified and troubleshooted equipment malfunctions, minimizing downtime and saving the company \$200,000 in maintenance costs.
- Conducted routine inspections and performance evaluations, increasing operational efficiency by 10%.

Education

University of Illinois at Urbana-Champaign

Bachelor of Science in Mechanical Engineering
1st Sep, 2006 - 31st May, 2010

Skills

Power Plant Operations, Equipment Maintenance, Safety Protocols, Team Leadership, Troubleshooting, Process Optimization

Notable Projects

Efficiency Improvement Project

Led a cross-functional team to streamline power plant operations, resulting in a 10% increase in overall efficiency and a reduction in greenhouse gas emissions.

Certifications

Certified Energy Manager

Issued by Association of Energy Engineers, 20th May, 2016

Power Plant Operations Certificate

Issued by Power Generation Training Institute, 10th Jun, 2019

Awards

Employee of the Year

Awarded by Springfield Energy Solutions, 15th Dec, 2017