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SUMMARY

Licensed boiler operator with nine years of central plant and institutional facilities experience supporting **high pressure steam, hot water boilers**, chillers, generators, water treatment, electrical switching, and HVAC systems. Active **Stationary Engineer Certification** supports safe operation, testing, **preventive maintenance**, predictive maintenance, corrective repairs, and reliable service in controlled environments. Supervises structured work crews through clear instruction on PPE, controlled tools, chemicals, inspections, repairs, sanitation, and emergency procedures. Reads blueprints, plans projects from start to finish, maintains work orders and incident reports, and coordinates with HVAC, building, and grounds trades. Experience includes secured facility operations, access control, counts, escorts, confined spaces, variable temperatures, rotating shifts, callback response, and institutional safety compliance. Calm decision making and accurate documentation support safe plant performance, accountable crew direction, and dependable facility operations.

EXPERIENCE

Lead Boiler Operator

March 2023 - Present

Summit Institutional Plant Services

Pueblo, CO

Leads secured **central plant** operations supporting boilers, chillers, generators, water treatment, work crews, maintenance planning, safety documentation, and service continuity. Provides hands on direction for inspections, repairs, controlled tools, PPE, sanitation, and coordination with partner trades.

- Directed secured plant operations for boilers, chillers, generators, and **water treatment** during continuous service periods.
- Planned preventive maintenance rounds and verified corrective repairs through testing, **work orders**, and closeout records.
- Supervised **work crews** with PPE instruction, **controlled tools**, chemical handling, inspections, and documented task completion.
- Coordinated HVAC and building trades during plant repairs, preserving handoffs and dependable facility service.
- Reviewed plant records and technical conditions, resolving recurring equipment issues through structured maintenance planning.
- Maintained sanitation, tool inventory, key control, **incident reports**, and compliance documentation for secured operations.

Stationary Engineer

June 2020 - February 2023

Rocky Mountain Secure Plant Services

Cañon City, CO

Operated boiler house and water treatment systems in a controlled institutional setting, combining plant monitoring, maintenance execution, crew coordination, security awareness, and accurate operational records. Supported emergency response, inspections, work orders, and safe collaboration across facility trades.

- Monitored **boiler house** equipment and **water treatment** systems, recording test results for reliable institutional operations.
- Performed preventive, predictive, and **corrective maintenance** on pumps, burners, boilers, and treatment equipment.
- Assigned crew tasks and inspected progress, reinforcing **safe procedures**, PPE use, and controlled tool practices.
- Read blueprints and organized repair sequences that supported timely project completion and clear trade coordination.
- Prepared work orders, inspection records, incident reports, and plain language technical notes for facility leaders.
- Supported **emergency response**, **security procedures**, sanitation controls, and routine equipment troubleshooting in a controlled setting.

Boiler Operator

August 2018 - May 2020

Continental Energy Plant Operations

Colorado Springs, CO

Operated high pressure steam boilers, feedwater, condensate, pumps, burners, and treatment systems while building practical expertise in testing, maintenance, documentation, and safe response. Coordinated with plant staff to protect reliability and maintain orderly operating conditions.

- Operated **high pressure steam boilers**, burners, pumps, feedwater, and condensate systems during scheduled shifts.
- Tested **water treatment** conditions and recorded operating results, supporting stable boiler performance and safe maintenance decisions.
- Completed preventive and **corrective maintenance** on plant equipment under established safety procedures and operating controls.
- Investigated equipment abnormalities through inspection and record review, then documented findings for follow up.
- Supported **blueprint reading**, mechanical repairs, sanitation tasks, and coordination with building maintenance personnel.
- Responded to plant alarms and operating changes, communicating conditions clearly during shift handoffs.

Plant Maintenance Technician

October 2017 - July 2018

Frontier Mechanical Plant Services

Lakewood, CO

Supported commercial boiler and mechanical room operations under senior operator direction, developing hands on capability in inspections, preventive maintenance, equipment documentation, safe work practices, and repair coordination.

- Inspected commercial boilers and mechanical room equipment, reporting conditions to senior operating staff.
- Assisted **preventive maintenance** on pumps, burners, valves, and related mechanical systems under supervision.
- Used **PPE** and **controlled tools** during repairs, preserving safe work areas and orderly equipment access.
- Recorded work completed and operating observations, supporting accurate maintenance handoffs and follow up planning.
- Read basic **blueprints** and equipment information to support repair preparation and parts identification.
- Maintained clean mechanical spaces and supported reliable service during scheduled plant operations.

PROJECTS

Secured Central Plant Reliability Program 📅 2024

Improved plant reliability through coordinated preventive maintenance, testing records, work orders, and corrective repair verification across boilers, chillers, generators, and water treatment systems.

Institutional Boiler House Maintenance Plan 📅 2022

Strengthened boiler house operations by organizing inspection rounds, water treatment checks, crew assignments, safety documentation, and maintenance follow through.

LEADERSHIP & AWARDS

- Selected for lead boiler operator responsibility after demonstrating dependable plant judgment, accurate records, and safe crew direction.
- Recognized by plant leadership for calm emergency response, clear technical instruction, and consistent maintenance follow through.

EDUCATION

Associate of Applied Science in Power Plant Technology

2017

Pikes Peak State College GPA: 3.5

Colorado Springs, CO

Coursework: Boiler operations, steam systems, water treatment, electrical systems

CERTIFICATIONS

- Stationary Engineer Certification 📅 2019
- Colorado Driver's License 📅 2019

TECHNICAL SKILLS

- **Boiler Systems:** High pressure steam boilers, hot water boilers, burners
- **Plant Utilities:** Chillers, generators, pumps
- **Water Treatment:** Feedwater, condensate, treatment testing
- **Maintenance Methods:** Preventive maintenance, predictive maintenance, corrective maintenance
- **Electrical Systems:** Electrical switching devices, generators, plant controls
- **HVAC Systems:** Climate control, HVAC maintenance, mechanical rooms
- **Safety Equipment:** PPE, controlled tools, chemical handling
- **Documentation Systems:** Work orders, incident reports, inspection records
- **Technical Planning:** Blueprints, project planning, plain language documents
- **Correctional Operations:** Controlled access, searches, counts
- **Security Procedures:** Escorts, transportation, emergency response
- **Work Crew Management:** Task assignment, progress inspection, hour tracking
- **Facility Maintenance:** Building maintenance, grounds support, sanitation
- **Compliance Standards:** Health codes, safety codes, institutional policy
- **Physical Work Conditions:** Confined spaces, ladders, variable temperatures

SKILLS

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|----------------------|------------------------|----------------------|--------------------------|
| • Boiler operations | • Generator operations | • Work orders | • Confined space work |
| • Steam systems | • Crew supervision | • Blueprint reading | • Preventive maintenance |
| • Water treatment | • PPE instruction | • HVAC support | • Safety compliance |
| • Chiller monitoring | • Tool control | • Emergency response | |

PROFESSIONAL AFFILIATIONS

- Professional connection with institutional plant operations and secured facility maintenance teams across Colorado.
- Ongoing participation in facility safety, boiler operations, water treatment, HVAC support, and maintenance coordination activities.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST