

Thomas Reilly

OPERATING ENGINEER

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SUMMARY

Operating engineer and Minnesota Second Class Engineer with 4 years running steam boilers, chillers and HVAC in a downtown Minneapolis office and hotel complex. Monitors building automation systems, handles plumbing and electrical repairs, and keeps logs and reports in Excel and Word for the chief engineer.

SKILLS

- HVAC
- Building Automation Systems
- Steam Boilers
- Chillers
- Plumbing
- Electrical
- Excel
- Word
- Microsoft Office Suite
- Communication Skills

EXPERIENCE

Operating Engineer

07/2023 - Present

Nicollet Place Management

Minneapolis, MN

Shift engineer for a 1.2M sq ft mixed-use office and hotel complex.

- Operate **3** low-pressure steam boilers and 2 chillers on rotating shifts for the full complex.
- Monitor building automation systems alarms and trends across 50 air handlers, resolving 90% without vendor calls.
- Repair plumbing fixtures, pumps and 480V motor circuits on 150+ work orders a quarter.
- Record boiler logs and water treatment tests in Excel, passing every state boiler inspection since 2023.

Maintenance Engineer

06/2022 - 06/2023

Twin Lakes Property Services

St. Paul, MN

Engineer for 4 office buildings totaling 600,000 sq ft.

- Maintained HVAC and plumbing for **4** office buildings totaling 600,000 sq ft.
- Changed filters, belts and bearings on 90 air handlers and rooftop units each quarter.
- Wrote shift reports in Word and sent Outlook updates so the next engineer saw every open issue.
- Tracked parts and vendor invoices in the Microsoft Office Suite for 3 property managers.

EDUCATION

Associate of Applied Science

05/2022

Dunwoody College of Technology

Minneapolis, MN

HVACR Systems Technology

CERTIFICATES

Minnesota Second Class Engineer License, Grade A

Minnesota Department of Labor and Industry

03/2024

EPA Section 608 Universal Certification

U.S. Environmental Protection Agency

05/2022