

PATRICK O'BRIEN

LEAD BUILDING ENGINEER

CONTACT

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🏠 Boston, MA

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SKILLS

- HVAC
- Electrical
- Plumbing
- Mechanical Systems
- Building Automation Systems
- Steam Boilers
- Chillers
- Excel
- Word
- Leadership

EDUCATION

Associate in Applied Science

05/2016

Benjamin Franklin
Cummings Institute of
Technology
Boston, MA

HVAC&R Technology

SUMMARY

Lead building engineer with a Massachusetts 2nd Class Engineer license and 10 years in commercial building operations, the last 3 leading a 4-engineer day shift in a 600,000 sq ft Boston office and lab building. Runs HVAC, electrical, plumbing and mechanical systems and reports to property managers in Excel and Word.

EXPERIENCE

Lead Building Engineer

04/2023 - Present

Harborview Realty Partners

Boston, MA

Day-shift lead for a 600,000 sq ft office and life science building.

- Lead 4 engineers on day shift, assigning 250 PM and tenant work orders a month.
- Operate 2 steam boilers, 3 chillers and lab exhaust fans serving 60 life science tenants around the clock.
- Direct contractor work on a \$1.4M chiller replacement, finishing 2 weeks early with no tenant outages.
- Produce monthly energy and equipment reports in Excel and Word that supported a 12% utility cost cut.

Building Engineer

05/2019 - 03/2023

Back Bay Property Services

Boston, MA

Engineer in a 28-story multi-tenant office tower.

- Maintained HVAC and building automation systems for a 28-story office tower.
- Rebuilt pumps, valves and steam traps, replacing 140 failed traps over 3 years.
- Trained 3 new engineers on plant rounds, lockout/tagout and electrical safety.

Maintenance Mechanic

06/2016 - 04/2019

Charles River Facilities

Cambridge, MA

Mechanic for a facilities contractor serving research and office buildings.

- Repaired electrical, plumbing and mechanical equipment across 5 research and office buildings.
- Changed filters and belts on 70 air handlers and documented PM tasks in the CMMS.
- Installed lighting and outlet circuits for 20 office renovations.

CERTIFICATES

Massachusetts 2nd Class Engineer License

09/2020

Massachusetts Department of Public Safety

EPA Section 608 Universal Certification

05/2016

U.S. Environmental Protection Agency