

Dennis Diggs

Stationary Engineer

Ewing, NJ - Email me on Indeed: [indeed.com/r/Dennis-Diggs/b81221231df6d216](https://www.indeed.com/r/Dennis-Diggs/b81221231df6d216)

Duties

Operated 4/ 750 bhp Superior boilers at 115 psi & 4/ 19x evergreen carrier Chillers 1400 ton each .Siemens BAS/net and BAC cooling tower.OSHA [...] LOTO&P&M on Plant equipment . From [...] to [...]

WORK EXPERIENCE

Stationary Engineer

UNIVERSITY MEDICAL CENTER AT PRINCETON - Princeton, NJ - 2011 to Present

Princeton, New Jersey • 2011-Present

Leading teaching hospital and provider of acute and general medical care.

Stationary Engineer

Manage operations of 4#750BHP fire tube boilers and chillers (1800 tons) to ensure optimal functionality. Conduct water monitoring and treatments for boilers and chiller cooling towers. Oversee hazardous waste handling/storage and employee safety matters. Support overall plant operations.

- Boosted operational efficiency by coordinating all procedures and processes.
- Delivered strong track record for excellence in hazardous material handling.

Stationary Engineer

Capital Health - Trenton, NJ - December 2012 to July 2013

Duties

Operated 4/ 750 bhp Superior boilers at 115 psi & 4/ 19x evergreen carrier Chillers 1400 ton each .Siemens BAS/net and BAC cooling tower.OSHA 1910.147 LOTO&P&M on Plant equipment . From 12/19/12 to 07/20/13

HVAC Technician

EMCOR SERVICES - Philadelphia, PA - 2011 to 2011

Operated and maintained various systems and units, including rooftop HAU, cooling towers, lab room VAV fans, humidity units, server farm emergency equipment, low pressure boilers, and vacuum chiller system. Troubleshoot and resolved problems as needed. Fulfilled and addressed requests and concerns from control center.

Power Plant Operator

INNOVATION FUELS - Newark, NJ - 2008 to 2010

Oversaw operation and maintenance of 2 Cleaver Brooks fire tube boilers (800 bhp/200 bhp), as well as plant steam auxiliary and 2 2400-kw diesel generators (plant pressure from 20 psi to 250 psi). Performed all monitoring duties, including steam temperature and tank temperature readings. Made sure all water treatments were conducted on schedule for boiler plant to guarantee steam quality.

- Ensured safe handling of all steam apparatuses and established regulations for working with high pressure steam.
- Attained TWIT credential (via FBI and Coast Guard).

DENNIS W. DIGGS • • DennisWDiggs@hotmail.com

Stationary Engineer and Operator / Water Treatment Facilitator

IAP WORLD SERVICE - Fort Gordon, GA - 2007 to 2008

Fort Gordon, Georgia • 2007-2008

Leading provider of resources and expertise for government, commercial, and private clients.

Stationary Engineer and Operator / Water Treatment Facilitator

Led operation of 3 Cleaver Brooks 400-bhp fire tube boilers, as well as 2 York 1200-ton chillers, 600-ton train chiller, and 2400-kw emergency generator. Monitored and maintained refrigerant levels in chillers for building's main plant: 3 1500-bhp steam generator peabodies with Allen Bradley controls, 4 2000-ton York chillers, and 4 cooling towers. Analyzed water in boiler and cooling tower and treated accordingly. Installed heating and cooling plant equipment, as well as pumps and controls.

- Drove strong communications with other technicians to ensure seamless power plant operations.
- Coordinated seasonal maintenance program to ensure all equipment was operating properly.

Developer and producer of recycled building material

HOMASAT - Trenton, NJ - 2005 to 2007

Stationary Engineer and Operator

Oversaw operations of 1.5 megawatt turbine plant, while managing boiler operations and combustion engineering functions (1500-bhp water tube boiler and 750-bhp water tube package boiler). Managed maintenance and repair of valves, pumps, and steam line leaks. Installed controls. Performed annual inspections of plant equipment, conducting testing and analysis as needed.

Stationary Engineer / Boiler Plant Operator

TASACO INC - Fort Dix, NJ - 2003 to 2005

Led operations of 650-bhp package water tube boiler. Orchestrated all boiler maintenance and made repairs as needed. Monitored quality of boiler water, performing regular testing and analysis.

Stationary Engineer

PNC BANK - Camden, NJ - 2000 to 2003

Managed all building HVAC and equipment operations, including air handlers, boilers, and chillers. Coordinated repair work as needed. Monitored and maintained refrigerant levels for cooling units. Supervised internal maintenance/janitorial staff, as well as all contract workers, ensuring all work was completed properly and on time.

EDUCATION

Burlington County College

ADDITIONAL INFORMATION

Boiler Controls 1, 2, and 3 (Burlington County College)

(Mercer County Vocational School)

Electrical Blueprint Reading

Electrical Motor Control

Lock-Out/Tag-Out Training

OSHA [...] and [...]

Arc Flash Hazard NFPA 70E and IEEE 1584

Combustion Turbines Start-Up and Emergency Shut-Down

Steam Turbine Start-Up and Emergency Shut-Down

Water Treatment for HRSG
Computer Repair Training
TWIC / Expires [...]