

Byron Banks

Philadelphia, PA - Email me on Indeed: [indeed.com/r/Byron-Banks/874cf860951feb19](https://www.indeed.com/r/Byron-Banks/874cf860951feb19)

Authorized to work in the US for any employer

WORK EXPERIENCE

Stationary Engineer

ST. AGNES MEDICAL CTR - Philadelphia - January 2006 to January 2010

Major tasks, duties and responsibilities:

Start, stops, adjust and regulates the equipment, observing steam flow meters, carbon dioxide recorders pressure draft gauges and manipulating valves and controls to regulate flow of water and fuel to meet the need for steam; adjusts fuel feed and volume of air in the boiler units.

Inspected the equipment and the operation of the boiler room periodically, checked and tested low water safety's. Checked oxygen, nitrogen and nitrous oxide for volume and pressure. Repaired and maintained machinery and equipment in accordance with diagrams, schematics, operation manuals and manufacture's specs. Operation and repair of various chiller systems. Blow down boilers, test waste water chemical's, added chemical's as needed. To prevent damage to boiler's and related equipment. Checked operation of water feed pumps, oil pumps and other related equipment. Maintained log books and records pressure readings and other related information during shift. Received fuel oil deliveries, made readings before and after delivery, recorded gallons used. Rebuild steam valves, and other steam related equipment. Tighten valves, packing, flanges, PRV, and piping leaks. Upon notice changed over from gas to oil in allotted time. Maintained water softener treatment.

EXPERIENCE

10/20 2004-

Boiler Mech.

Philadelphia School District

Duties includes but not limited: repairing and maintaining refrigeration and air conditioning, automatic plants and automatic temperature control equipment, analyze, test, adjust and repair automatic, oil and gas fired boiler controls; repair and install gas and oil burners and controls, tanks, pressure vessels, and related industrial and residential equipment, gauges and valves, including pressure, sequential boiler lead-lag and safety valves and gauges; repaired and adjusted compressors, directed current and alternating current motors, receivers and condensers; installed and repaired following blue prints, schematic drawings and verbal and written instruction; read thermometers and temperature-control, recording charts, glow meters and gauges to determine when temperature or humidity conditions and are not within specified ranges, .replaced Mc Donnell, and Warwick low water controls replaced oil fuel pump's, motor contactor's. Kept boiler log, blew water column performed water testing. Pulled and cleaned burner gun replaced nozzle when required, cleaned and adjusted electrodes. Trouble shoot control board's, Operate boiler's maintaining it's N.O.W.L., trouble shoot and replaced, motor actuator's troubleshoot and replaced Fire Eye control's repair and replaced troubleshoot motor contactors and relay's.

EXPERIENCE

hvac/ mech

R MECH - Philadelphia, PA - October 1999 to December 2003

Duties included preventive, maintenance on all AC/Refrigeration equipment and repairs of units such as water cooled units, air cooled units, made refrigerant leak repairs, reclaimed refrigerant from every thing from domestic to industrial equipment, replacement of temp controls, repaired leaks in evaporators, replaced TXV valves and cages. Evaluate and repair any Power Plant and/or plant utility maintenance problem in an efficient and professional manner, as it would apply to the Stationary Engineer. Safe operation and maintenance of boilers observe various meters, and gauges and take appropriate action. Operate auxiliary equipment and control the generation of a continuous supply of steam. Prepare boilers and related equipment for state, insurance, and other inspections. Repair, refurbish or replace broken or worn parts, i.e. traps, valves, meters, gauges, etc. Maintain records, reports, logs, and statistics in accurate complete and legible manner. Apply knowledge of and demonstrate competency in the generation, control and consumption of chilled water. Perform periodic inspection of all mechanical rooms and areas throughout the facility, in accordance with accepted Departmental Stationary Engineering practices, to insure proper operation of heat, air conditioning, ventilation pumps, plumbing, and medical support equipment, i.e. vacuum, compressed air, etc.

STATIONARY ENGINEER

ST. Regis Hotel - Philadelphia, PA - April 1998 to March 1999

Duties included changing air filters calibrating Pneumatic control box's replaced freeze stats calibrated outside air dampers annual preventive maintenance in cooling towers replaced belts in cooling tower's. Changed and repacked actuator valves. Lubricated all mechanical systems. Preventive maintenance on units heater's, replaced sump pumps, chilled water valves, troubleshoot and replaced electronic control valves and controls, lubricated and replaced exhaust fans and bearing assemblies, cleaned diffusers, replaced and repaired air handler coils, replaced circulator pumps.

air condition mech

HVAC/R MECH - Bryn Mawr, PA - February 1996 to March 1998

Duties included electrical troubleshooting and repairing of water cooled heat pumps and refrigeration units, replaced operating controls as necessary. Performed major overhauling of residential, light commercial and commercial components in heat pumps and refrigeration units. Replaced operating controls such as defrost controls, evaporator limit controls, water control valves, pressure controls. Replaced and rewired fan motors, condensing water pumps, thermocouples, and gas valves. And performed monthly preventive maintenance on all AC/Refrigeration equipment. Clean and grease pump and motor bearings, flushed oil pumps on turbine auxiliaries, drained air compressor tank each shift changed compressor oil, repacked auxiliary pumps when excessive leakage was evident, monitor and clean blades on draft fans when signs of buildup on blades or excessive vibration occurred, cleaned dirty sight glass, replaced broken and leaking sight glass corrected flame failure's, was in charge of feed water pumps, vacuum pumps, oil pumps and sump pumps made sure boiler had it's N.O.W.L.. Drained super heaters before start up tested failure controls.