**Title:** Air Quality Technician 1  

**Pay Scale Group:** 91A

**Essential Function**

Under general supervision from higher-level supervisor, perform skilled repairs and installation of all HVAC and utility distribution equipment; assist other trades as needed.

**Characteristic Duties**

1. Install, repair, and test all types of refrigeration, air conditioning, heating and ventilation systems. Test, replace or repair all mechanical support systems such as electrostatic filters, pneumatic and electrical electronic controls, utility meters, pumps and fans, belts and drives, and motors. Perform pipefitting, maintenance welding and install, replace and repair building utilities (i.e., steam lines, chilled water, condensate, refrigeration piping, expansion joints, traps, regulators, bearings and valves.

   Perform preventive maintenance on equipment, such as filter changing, coil and duct cleaning, inspects defusers, lubricates, pack valves, replace gaskets, repair steam traps, minor pipe repair and replacement. Inspects and repairs systems (for proper assembly of components, checking for any needed repairs in compliance with technical orders, blueprint specifications, handbooks and established procedures) as necessary to insure safe operational standards.

2. Compile reports as needed; interprets blueprints, sketches, and layout; may order supplies for jobs; may supervise unskilled or semi-skilled helpers.

   Assist other trade workers in the performance of routine maintenance, renovation, and construction projects.

3. Clean equipment rooms, strainers, blow-downs for steam, chilled water and condensate systems, and performs cleaning and painting of equipment.

   Maintain housekeeping conditions as prescribed by area.

4. Perform related duties based on departmental need.

**Unusual Working Conditions**

- May be exposed to dirt, temperature extremes, and dangerous equipment.

**Minimum Qualifications**

- Must have an approved certificate from an accredited-related apprenticeship program; or high school/GED diploma and one year directly related work experience; requires a valid driver’s license with an acceptable driving record.

*Last updated: June 1997*