



## North Valley Mechanical

Your Air Conditioning & Heating Professionals

**480-538-9184**

**AZ ROC No. CR79-281777**

### **JOB DESCRIPTION**

**Title: HVAC Installation Technician**

#### **Job Summary**

Responsible for installation of HVAC equipment and recommends necessary services to increase customer satisfaction.

#### **Essential Functions**

- Obtain and maintain required certifications.
- Comply with all applicable standards, policies, and procedures, including safety procedures and the maintenance of a clean work area.
- Repair or replace defective equipment, components, or wiring.
- Test electrical circuits or components for continuity, using electrical test equipment.
- Reassemble and test equipment following repairs.
- Inspect and test systems to verify system compliance with plans and specifications or to detect and locate malfunctions.
- Discuss heating-cooling system malfunctions with users to isolate problems or to verify that malfunctions have been corrected.
- Record and report all faults, deficiencies, and other unusual occurrences, as well as the time and materials expended on work orders.
- Test pipe or tubing joints or connections for leaks, using pressure gauge or soap-and-water solution.
- Adjust system controls to setting recommended by manufacturer to balance system, using hand tools.
- Recommend, develop, or perform preventive or general maintenance procedures, such as cleaning, power-washing, or vacuuming equipment, oiling parts, or changing filters.
- Lay out and connect electrical wiring between controls and equipment, according to wiring diagrams, using electrician's hand tools.
- Install auxiliary components to heating-cooling equipment, such as expansion and discharge valves, air ducts, pipes, blowers, dampers, flues and stokers, following blueprints.
- Assist with other work in coordination with repair and maintenance teams.
- Install, connect, and adjust thermostats, humidistats and timers, using hand tools.
- Generate work orders that address deficiencies in need of correction.
- Join pipes or tubing to equipment and to fuel, water, or refrigerant source, to form complete circuit.
- Assemble, position and mount heating or cooling equipment, following blueprints.
- Study blueprints, design specifications, and manufacturers' recommendations to ascertain the configuration of heating or cooling equipment components and to ensure the proper installation of components.
- Cut or drill holes in floors, walls, or roof to install equipment, using power saws or drills.
- Wrap pipes in insulation, securing it in place with cement or wire bands.
- Measure, cut, thread, or bend pipe or tubing, using pipe fitter's tools.
- Fabricate, assemble, or install duct work or chassis parts, using portable metal-working tools or welding equipment.

## **Requirements**

### **Education & Experience, Knowledge/Understanding**

- HVAC installation experience preferred.
- Valid driver's license and insurable by MSCO insurance carrier.
- Must be able to pass a drug test.
- High school diploma or general education degree (GED) preferred.
- Knowledge and skill in use of hand and battery/electrical tools and equipment.
- Excellent customer service skills.
- Must be able to meet established metrics (# of completed service calls, callbacks, part returns, products sold, etc.)

### **Physical Demands**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this Job, the employee is regularly required to stand for more than 8 hours per day; walk; use hands to finger, handle, or feel; reach with hands and arms above shoulder level; climb or balance; stoop, kneel, crouch, or crawl and talk or hear. The employee must regularly lift and /or carry up to 25 pounds, frequently lift and/or move up to 50 pounds and occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

### **Work Environment**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this Job, the employee is regularly required to stand for more than 8 hours per day; walk; use hands to finger, handle, or feel; reach with hands and arms above shoulder level; climb or balance; stoop, kneel, crouch, or crawl and talk or hear. The employee must regularly lift and /or carry up to 25 pounds, frequently lift and/or move up to 50 pounds and occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

While performing the duties of this Job, the employee is regularly exposed to moving mechanical parts and outside weather conditions. The employee is frequently exposed to extreme heat. The employee is occasionally exposed to wet and/or humid conditions; toxic or caustic chemicals; extreme cold; risk of electrical shock.