

ESTABLISHED 1979

NAVAJO TECHNICAL UNIVERSITY

S I H A S I N

POSITION DESCRIPTION

POSITION:	Certified Plumber
POSITION NUMBER:	0341.2
PAY GRADE:	NE9
FLSA STATUS:	Non-Exempt
DEPARTMENT:	Maintenance & Operations
REPORTS TO:	Maintenance Supervisor

JOB PURPOSE:

Performs journeyman level work involving skilled plumbing-related duties for mechanical work, heating and air conditioning systems, and plumbing systems. Performs installations, alterations, repairs and general maintenance using journeyman level plumbing skills and knowledge. Maintains water, sewer and gas lines including primary and secondary systems and related equipment.

This position description indicates in general the nature and levels of work, knowledge, skills, and abilities. It is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities required or assigned to this position.

JOB DUTIES & RESPONSIBILITIES:

- Services, repairs and maintains all types of control valves by removing, disassembling, inspecting and replacing worn/broken parts, if necessary, and reassembling and reinstalling.
- Performs preventive maintenance on restrooms, water softeners, RO-DI pure water systems, swimming pools, pump stations, annual surveys (cathodic-gas leak) and related piping systems.
- Identifies and resolves plumbing problems by repairing or replacing pipes, fittings, valves, plugged drains, faucets, toilet repairs, etc.
- Determines proper materials for the particular assignment at hand so that equipment and materials are matched properly for the application.
- Remodels old plumbing systems, and constructs the new systems according to plan by using appropriate equipment.
- Installs rough in and finish work for new construction by installing main sewers, manholes, storm drains, acid waste, compressed air, vacuum, natural gas, fire hydrants and water distribution trunk lines and later hooking up individual components such as sinks, drains, taps, and related equipment.
- Installs, repairs and tests RP back flow preventers and vacuum breakers on equipment and double checks valves on all potable water connections as required by the IPC code and state rules and regulations.
- Performs assigned preventive maintenance checks on valves, pumps, water heaters, dilution tanks, and other operating equipment.

- May maintains swimming pools, whirlpools, saunas, and related equipment and provides accurate water treatment care.
- Reads and follows specifications, codes, and agency policies and procedures.
- Inspects, installs, maintains and repairs valves, faucets, bathtubs, sinks, lavatories, sewers, vents, water heaters, and other fixtures.
- Completes assignments given verbally, written, or that consist of blueprints, sketches or diagram.
- Operates and uses specialized plumbing tools and equipment such as ratchet cutters, reamers, electric and gasoline powered sewer snakes, pipe wrenches, chair wrenches and pipe vices.
- Installs and maintains HVAC systems.
- Repairs and assembles gas lines.
- Maintains inventory of supplies and equipment; identifies equipment and supplies required to complete work.
- Performs job site inspections to ensure work is completed according to work specifications and established codes and regulations.
- Instructs lead and supervises lesser skilled tradesman as needed.
- Prepares estimates of material, time and labor, and orders supplies as requested.
- Performs quality control and inspection duties related to the trade.
- Performs other duties as assigned.

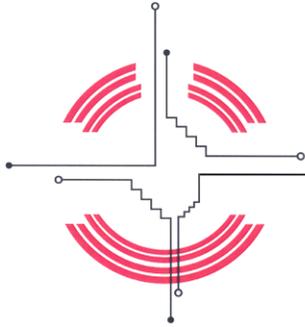
SUPERVISION RESPONSIBILITIES: N/A

MINIMUM QUALIFICATIONS/REQUIREMENTS:

- High School Diploma or GED.
- Two years plumbing and gas experience.
- Journeyman Plumbers and Gas License.
- Valid and clean state driver's license.
- Must be able to pass background check, with NO prior convictions of any felonies.

KNOWLEDGE, SKILL AND ABILITY REQUIREMENTS:

- Knowledge in the repair and maintenance of Heating and Air Conditioning (HVAC) systems.
- Knowledge of accepted plumbing trade practice, methods and techniques.
- Knowledge of applicable environmental regulations and guidelines as related to refrigerants and toxic chemicals.
- Knowledge of standard construction safety practices and procedures.
- Knowledge of appropriate methods and techniques applicable to the construction industry.
- Skill in advanced skills of the plumbing trade.
- Skill in writing logs and technical and narrative reports.
- Skill in the care and use of standard tools, equipment, and testing devices used in the plumbing trade and of accepted plumbing trade practice, methods and techniques.
- Skill in the diagnosis and repair of plumbing malfunctions.
- Ability to read and interpret blue print plans and building plans.
- Ability to install, repair and maintain plumbing systems, fixtures and accessories.



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- Ability to read and interpret drawings, specifications and blueprints.
- Ability to carry out instructions furnished in verbal or written format.
- Ability to work independently with minimal supervision.
- Ability to technically analyze plumbing problems and recommend or apply appropriate corrective action measures.
- Ability to prepare cost estimates and order materials and tools needed for projects.
- Ability to interact and maintain good working relationships with individuals of varying social and cultural backgrounds.
- Ability to communicate effectively in the Navajo and English language.

PHYSICAL DEMANDS:

- While performing the duties of this job, the employee frequently stand, walk, bend, stoop, and squat.
- Occasionally crawl, working in under sub-flooring, and working in confined spaces, climb heights, reach above shoulders, crouch, kneel, balance, and push/pull.
- Use hands for dexterity of motion, repetitive movement of both hands.
- Have normal auditory, visual acuity, and verbal communications skills.
- The employee must frequently carry up to 25 pounds. Occasionally lift 50-75 lbs.

WORK ENVIRONMENT

- Work is generally performed in indoor setting and an outdoors environment.
- Standing and walking may be on uneven surfaces or unstable ground.
- Situations where safety-toe shoes, safety goggles, gloves, protective face shields, or hardhats are needed may occur.
- Exposure to dust, chemicals, smells, variances in temperature, and equipment with moving parts.
- Exposure to natural weather conditions, various dusts and mists, and normal debris and hazards common at sites may occur while performing outdoor duties.
- May work in cramped, dusty, dirty, unlighted, insect infested and contaminated areas.
- May be exposed to long periods of uncomfortable cramped, standing, laying or sitting positions.
- Tight time constraints and multiple demands are common.
- Evening and/or weekend work may be required. Extended hours and irregular shifts may be required.