

LEAK DETECTION TECHNICIAN I

NATURE OF WORK IN THIS CLASS:

Performs routine leak detection monitoring duties independently after initial training and works under close supervision on a variety of more semi-skilled developmental assignments.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed)

Performs water leak survey and pinpointing using leak detection equipment to find hidden, unreported leaks in the water distribution system.

Provide report of all locations where water use, meter sounds or possible leak sounds exist.

Review detailed distribution system maps and locate Pressure Reducing Valves (PRVs), forgotten valves, or other system apparatus that might make the suspect sound.

If possible cause of the sound is found, the sound should be isolated and identified.

Create and record found leaks on Computerized Maintenance Management System (CMMS).

Provide GWA Systems Control Center (SCC) and Geographic Information System (GIS) a record of found leaks, utilizing leak detection form and Global Positioning System (GPS) technology.

Assist water maintenance operators, leak repair crews and contractors in locating water leaks daily or during emergency situations.

Responsible for job safety, traffic control, cleanliness and security.

Responsible for maintenance and calibration of all leak detection equipment.

Perform sequential actions to locate leaks by applying knowledge of leak detection practices.

Prepare field reports and documentation of completed tasks.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of water meters, distribution system, valves, hydrants, PRVs, air release valves, distribution system maps and curb stops on customer service connection piping.

Ability to estimate leak flows.

Ability to apply safe work practices on the job.

Ability to work effectively with the public and employees.

Ability to understand and follow oral and written instructions.

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Ability to perform arduous physical tasks and work in strained and awkward positions.

Skill in operating leak detection equipment (acoustic listeners and correlators)

MINIMUM EXPERIENCE AND TRAINING:

- A) One (1) year of experience in the water construction, maintenance and repair of water lines and related systems; or
- B) Any equivalent combination of experience and training which provides the minimum knowledge, abilities and skills.

NECESSARY SPECIAL QUALIFICATIONS:

Must possess a valid Guam Driver's License

ESTABLISHED: January 2018

JOB EVALUATION POINTS: 363
PAYGRADE: MINIMUM: G2-D \$32,336
MAXIMUM: G3-D \$33,649



JOSEPH T. DUENAS, Chairman
Consolidated Commission on Utilities