



JOB DESCRIPTION

DEPARTMENT: Operations	TITLE: Irrigation Specialist	REPORTS TO: Director of Operations
	FULL-TIME or PART-TIME: Full-Time	EXEMPT or NON-EXEMPT: Non- Exempt

ABOUT THE SAN ANTONIO BOTANICAL GARDEN

For nearly 40 years, the San Antonio Botanical Garden has inspired people to connect with the plant world and understand the importance of plants in our lives. Recognized nationally for commitment to outstanding displays, botanical diversity, education, environmental stewardship, and experiences that connect people to the natural world, the Botanical Garden is a top San Antonio attraction that serves as a museum of plants, a tranquil escape, a living classroom, a research and conservation facility, and entertainment venue where art, architecture, music, and theater experiences come to life for more than 160,000 annual visitors. The Botanical Garden features 38 acres of nature space located deep in the heart of San Antonio. For more information, visit www.sabot.org.

SUMMARY OF RESPONSIBILITIES

Under direct supervision of the Director of Operations, the Facilities/ Irrigation Technician will be responsible for testing and inspecting irrigation systems in facilities, conducting required maintenance of the irrigation systems, installation of irrigation systems and the keeping records of all inspections. This position will require communication and teamwork, in addition to independent work in assigned areas. This position is expected to work Tuesday thru Saturday from 7:00 am to 3:30 pm. Schedule may change due to workload.

COMPETENCIES/SKILLS

Specifically, the Irrigation Specialist will have responsibility for the following activities:

- Obtain information on existing site conditions and sources of water.
- Maintain irrigation system, considering water supply, static water pressure, working water pressure, precipitation rate and existing or planned improvements.
- Maintain water mains, cast iron, copper and PVC pipes and hydraulic systems.
- Repair or replace inner parts of irrigation heads and valves.
- Inspect non-potable water piping for irrigation and potable water piping for new and old buildings (drinking fountains, restrooms, water features etc.) as necessary.
- Adjust irrigation controllers seasonally to comply with SAWS rules and regulations.
- Assist and advise plumbers and contractors regarding irrigation installation regulations.
- Investigate and recommend corrective action for defective irrigation systems.
- Perform other duties to as needed to assist Facilities team during special projects.

Job descriptions are guidelines that attempt to characterize major duties and responsibilities of employees, and are subject to change as needs and programs change. At the San Antonio Botanical Garden Society, Inc., they are considered neither inclusive or exclusive.

The Irrigation Specialists installs, maintains, operates, repairs, troubleshoots underground irrigations systems as well as completes irrigation audits. The Specialist will also conduct inventory of tools, equipment, or

materials related to ensure that sufficient supplies are available, and items are in usable condition. This position will be responsible for the entire Botanical Garden in both public and non-public areas to meet or exceed the San Antonio Botanical Garden's standards for horticulture excellence.

QUALIFICATIONS

- Education: High School Diploma or general education degree (GED)
- Experience: Four (4) years of increasingly responsible experience in irrigation design, construction, and inspection and repair.
- Must possess or be able to obtain, within thirty days of employment, a valid class "C" Texas driver's license. NOTE: Retention of position contingent upon obtaining and maintaining required license.
- Must be able to lift up to 50 lbs., climb a ladder, bend, kneel, and squat.
- Must be able to successfully pass a criminal background check.
- Equipment used for this job is (but not limited to) hand tools, power tools, skid steer, backhoe, roto hammer drills, multifunction irrigation tester, wire and valve locator, continuity testers, station master tester.

KNOWLEDGE, SKILLS AND ABILITIES

- Knowledge of water usage rates and water conservation measures for drought situations.
- Knowledge of all irrigation products (primarily Hunter) and hydraulics principles.
- Knowledge of sizing pipe materials.
- Knowledge of basic backflow principles.
- Ability to communicate clearly and effectively, both verbally and in writing.
- Ability to inspect irrigation blueprints.
- Ability to design and modify irrigation systems.
- Ability to perform all the physical requirements of the position.

Working Conditions

- Ability to work outdoors in all weather conditions with exposure to damp/wet surfaces, hazardous materials, flammable liquids, and dust.
- Work is most frequently performed outdoors, but may be performed in greenhouses, maintenance facilities or grounds of the Botanical Garden.
- Expected to perform under minimum supervision and act independently within the scope of normal duties and responsibilities. Difficult or unique situations are referred to the Supervisor.
- Work will be performed in areas with frequent high levels of visitation, requiring excellent customer service and professionalism at all times while balancing the need for productivity.
- On occasion required to work extended hours.

Compensation: Compensation will be commensurate with the qualifications and experience of the individual.

Application Instructions:

To apply, email a cover letter and resume to employment@sabot.org. Please add in the email subject line

[@sabot.org](mailto:employment@sabot.org)

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The San Antonio Botanical Garden is an Equal Opportunity Employer