

MISSION-CRITICAL PROFILE

Name: _____ Maverick Madison _____

Organization: _____ SFPUC-Wastewater Enterprise _____

E-mail: _____

Work Phone: _____

Job Category (Check one below):

- | | |
|---|--|
| <input type="checkbox"/> Water Treatment | <input checked="" type="checkbox"/> Electronic Maintenance Technician/ Instrument Technician |
| <input type="checkbox"/> Water Distribution | <input type="checkbox"/> Electrician/Electrical Line Worker |
| <input type="checkbox"/> Wastewater Treatment | <input type="checkbox"/> Machinist/Mechanic |
| <input type="checkbox"/> Wastewater Collections | <input type="checkbox"/> Other |

1. Please describe the work you do:

I supervise the Wastewater Enterprise Instrumentation and Control shop.

2. What combination of education, vocational training, apprenticeship, experience, and/or skill did you obtain in order to be qualified and selected for your job?

I have a Bachelor of Science degree from California State University-East Bay and an Associate Arts degree from Heald Institute of Technology. I spent seven years working for an instrumentation service contractor as an apprentice technician prior to becoming a Journeyman Technician with the Clean Water Program. My education in electronic technology was coupled with on the job training.

3. What do you like best about your job?

I like the excellent group of people I work with along with the challenges of our changing technologies that continue to evolve in our field.

4. Please tell us about the projects and activities you have enjoyed most in your work in the water/wastewater field, and what made them rewarding.

Each project/activity I have worked on has had interesting elements. The most rewarding aspect of a project is watching it successfully develop from start to finish.

5. What qualities and capabilities are needed in order for a person in your area of expertise to be successful in the water/wastewater industry?

You have to have an open mind for new technologies and adapt to the changes that those technologies represent. You must have good communication skills because you'll be interfacing with various work groups. You must be a self-starter because Instrument Techs work alone on many occasions.

6. Do you have any advice for an individual who is considering pursuing a career in your field in the water/wastewater industry?

Instrumentation is a field that involves several facets of preparation. You have to cultivate an interest in areas of mathematics, physics and electronics. These disciplines will assist you with understanding pressure, level, flow and temperature which are a few of the primary items an Instrumentation Technician works with each day. You have to have an open mind, some intellectual curiosity and the willingness to learn new technologies that will assist you in becoming a professional technician.