



JOB DESCRIPTION

Instrument Technician

Summary

This position installs and/or maintains pneumatic and electronic instruments to enable continuous, efficient factory operation.

Essential Job Duties

- Perform preventive maintenance on control systems
- Identify and repair defective control systems
- Install and/or repair instrumentation, as directed by supervisor
- Use people, time, equipment, and material in the most efficient manner
- Prepare records and reports as required
- Develop instrumentation skills of self and others through training
- Keep all work areas clean
- Report mechanical, electrical, instrumentation, environmental, food safety, feed safety, and operational problems and unsafe conditions to supervisor
- Other duties as required by the business.
- Adhere to all company policies and all safety, food safety, feed safety, and sanitation rules and programs

Qualifications

- Two year degree or diploma in electronic technology or instrumentation technology from an approved trade or technical school is desired
- Leadership and judgment qualities required.
- Process related experience and basic sugar processing knowledge required
- Should be motivated, willing, enthusiastic, and promotable
- Good attendance, safety, disciplinary, and overall employment records
- Ability to communicate and work cohesively with others.
- Organized with excellent time management skills
- Ability to communicate effectively with employees at all levels

Competencies and skill set required to do the job well

- Working knowledge of all of the following skills:
 - ▶ Reading schematics and symbols
 - ▶ Electricity and electronics
 - ▶ Electrical measuring instruments
 - ▶ Semiconductors
 - ▶ Power supplies
 - ▶ Process control
 - ▶ Basic measurement instrumentation
 - ▶ Pressure measurement
 - ▶ Force, weight, and motion measurement
 - ▶ Flow measurement
 - ▶ Level measurement
 - ▶ Temperature measurement
 - ▶ Final control elements
 - ▶ Safety calibration and testing
 - ▶ Elements of mechanics
- Additional skills required in two or more of the following:
 - ▶ Logic circuits
 - ▶ Microprocessors
 - ▶ Radio communications
 - ▶ Microcomputers
 - ▶ Combustion controls
 - ▶ Programmable logic controller

Physical Demands and Expectations

Lift
Bend
Walk
Climb stairs

An Equal Opportunity Employer

This job description does not imply a contract of employment.

We reserve the right to modify this document at any time and for any reason as needed by Minn-Dak Farmers Cooperative.

Acknowledgement

I have reviewed this job description and am able to perform all duties required.

Print Name

Signature

Date

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