

# Job description

## Instrumentation Technician Job Description

Bushmills Ethanol has a full-time position available for an Instrumentation Technician to join our team.

Bushmills Ethanol plant is located near Atwater, MN that started production in 2005. This facility is a dry grind plant focusing on safety, quality and performance providing excellent benefits and opportunities for personal growth.

### Position Summary:

Safely installs, programs, maintains and troubleshoots control systems, instrumentation, and final control elements for all Bushmills Ethanol assets and support equipment. Works closely with Bushmills Maintenance Manager and Controls Manager to monitor, document, and troubleshoot E&I activities according to established procedures. Keeps others informed of problems or potential problems as indicated. Participates in maintenance activities outside the E&I field including, but not limited to, mechanical repairs and preventive maintenance.

### Duties and Responsibilities:

- Learns, understands, and complies with Bushmills Ethanol safety policies. Holds self and teammates accountable for safe operations and actively participates in required safety training and testing.
- Works closely with Controls Manager and E&I contractors during installation and/or maintenance of Bushmills Ethanol control, monitoring and instrumentation systems.
- Safely installs, calibrates, troubleshoots, and maintains all Bushmills Ethanol's controls instrumentation, DCS components and final control elements.
- Willing to participate in other non-E&I maintenance activities including, but not limited to, mechanical repairs and preventive maintenance.
- Willing to participate in off-hours on-call rotation.
- Willing to assist with repairs during off hours and weekend plant upsets.
- Participates in all scheduled plant outages.
- Maintains Motor Control Centers (MCCs) according to established procedures.
- Maintains MCC HVAC systems.
- Maintains and repairs other equipment such as telecommunications, video, business and control networks, and data recording devices.
- Proficient with the safe and efficient use of a wide variety of tools and repair equipment.
- Learns and understands sequence of plant operations, purpose and implications of control systems, and how the process flow impacts all areas of Bushmills Ethanol.

- Follows direction of the Maintenance Manager in regard to reliability operations including but not limited to: preventive maintenance, predictive maintenance, corrective maintenance, emergencies, CMMS, problem solving, and personal conduct.
- Demonstrates proficient use of Bushmills CMMS system to document E&I activities, shutdowns, abnormal operations, troubleshooting, PM's and repairs.
- Practices clear communication with teammates and operations regarding E&I situations and plant status at all times.
- Ability to react safely and quickly to problem situations and to directions given by management.
- Performs housekeeping duties required for equipment and grounds according to established procedures.
- Performs special projects and other duties as assigned by management.

### **Work Relationships:**

- Reports directly to the Maintenance Manager.
- Works closely with the Controls Manager.
- Works with Reliability Technicians, Operations, Laboratory and other plant employees on a regular basis.
- Regular interaction with contractors and vendors.

### **Required Skills & Abilities:**

- Must possess a valid driver's license.
- Accurate and efficient troubleshooting skills
- Effective Communication
- Proficient with the use of computers and handheld devices.
- Familiar with calibration instruments and basic hand tools
- Must be able to work both independently and as a team member, multi-task effectively, and maintain a clean and organized workplace.

### **Education & Experience:**

- Requires at least a high school education or equivalent.
- Instrumentation technician program, diploma or degree
- Experience with instrumentation and communication protocols.
- Experience with DCS and PLC systems.
- Previous Reliability Maintenance experience

### **Physical Requirements:**

- Lift up to 50 lb. to chest height, and move several feet.
- Ability to climb stairs and ladders, able to work at heights up to 150 ft.
- Ability to work in enclosed areas and confined spaces.
- Ability to work in extended positions

- Repetitive lifting/bending/kneeling/walking/climbing.

**Working Conditions:**

- Work is performed indoors and outdoors in all weather conditions. Exposure to noise, heights, moving equipment, electricity, and temperature extremes. Multiple plant systems contain pressure, vacuum, toxic and/or caustic chemicals, flammable materials, and dust/dirt/grease.
- This job describes the general nature and level of work performed by employee(s) assigned to this position. It does not state or imply that these are the only duties and responsibilities assigned to the job. Employees may be required to perform other job-related duties as requested by management.

Job Type: Full-time

Pay: \$24.00 - \$32.00 per hour