



## Job Description

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**Job Title:** I/E Technician  
**Department:** Field Service  
**Reports To:** Field Service Manager

## Job Duties & Responsibilities

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Specific duties include:

- Services include but are not limited to calibration, troubleshooting, testing, and inspecting of transmitters, meters, positioners, limit switches, on/off and sliding stem valves, control valves, oxygen and moisture transmitters, ultrasonic and Coriolis meters, level radars, smart transmitters, vibration and speed probes, and safety systems.
- Other Services include performing interlocking checks, actuator and equipment removal, troubleshooting and repairing devices associated with burner management system (BMS), engineering analysis, reviewing P&ID's, loop sheets, cause and effect diagrams and specifications, working at elevated heights, installation of conduit, tubing and flexible conduit, pulling wire, assisting with other craft as directed by Owner's Representative.
- Provide technical advice/support to Owner's maintenance, operations and engineering teams. Comply with at all times the policies, efforts, and programs of Health, Safety and Environmental Management System. Actively participate in the HSE Management System Policies.
- Ensure that HSE concerns are given priority in all activities completed within their area of responsibility. Implement routine inspections to ensure safe operating conditions. Detailed work scopes will be established as Work is identified for each unit and site and issued via Work Order.
- Must participate in the "on call" rotation for holidays and weekends.

## Qualifications | Knowledge | Skills | Abilities

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- Minimum 5 years Instrumentation and Measurement experience in large industrial plants
- Ability to calibrate and troubleshoot transmitters, positioners, limit switches, on/off and sliding stem valves, fire and gas equipment, O2 and moisture transmitters
- Experience with ultrasonic and Coriolis meters (GE and Yokogawa), level radars (Ohmart, SAAB and Scientific Instruments), smart transmitters (Honeywell, Yokogawa and Rosemount), positioners (Flowserve, Masoneilan, Fisher and Rotork), fire and gas equipment (Dragger, MSA & Det-Tronics), Bentley Nevada (Vibration & speed probes)
- Familiar with interlock checks and safety systems
- Ability to read PID's, loop sheets, cause and effect diagrams and specification sheets

- Working knowledge of rigging equipment (chokers, chain falls and hand signals)
- Good computer skills (Microsoft Office Suite and familiarity with SAP desirable)
- Must be able to obtain Transportation Worker Identification Credential (TWIC) Card
- Orientation Site Specific and Basic Plus Course.
- Good written/verbal technical communication skills.
- Self-starter/motivated
- Must know Lock-out Tag-out (LOTO) and Management of Change (MOC) Requirements.
- Ability to move throughout all areas of the facility
- Able to wear all necessary PPE equipment to perform job functions.
- Stand and/or sit continuously and perform job functions for a full shift.
- Physically able to walk, stand, bend, stoop, kneel, reach, twist, lift, push, pull, climb, balance, crouch, handle and move items weighing up to 50 lbs. without assistance.
- Visual acuity corrected to perform job functions. Ability to distinguish color to perform job functions.
- Exposure to indoor and outdoor weather conditions. Possible exposure to hot, cold, wet, humid or windy weather conditions, and exposure to insects.
- Exposure to moving mechanical parts and live electrical circuits.
- May be required to enter confined spaces.
- May be required to work at elevated heights.
- Working near process equipment with hazardous chemicals and or hydrocarbons, high pressures and high and low temperature.

### **Education**

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Minimum High School Graduate or GED equivalent. Associates/Tech. Degree in Instrument Technology preferred.

### **Computer Skills**

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Familiarity with Microsoft Office products.

### **Language Skills**

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Ability to read, analyze, and interpret general business periodicals, professional journalism, technical procedures, or governmental regulations. Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from managers and other employees.

### **Mathematical Skills**

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Ability to calculate and apply concepts of basic algebra and geometry.

### **Reasoning Ability**

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Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form. Must be detail-oriented and able to multitask.

### **Equipment**

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Employee is expected to use care to avoid losing or breaking equipment.

## **Physical Demands**

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The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is frequently required to stand; walk; use hands to finger, handle, or feel; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl; and talk and hear. The employee must frequently lift and/or move up to 50 pounds and occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, peripheral vision, depth perception, and ability to adjust focus.

## **Work Environment**

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The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is regularly exposed to risk of radiation. The employee is frequently exposed to moving mechanical parts, fumes or airborne particles, toxic or caustic chemicals, outside weather conditions, and vibration. The employee is occasionally exposed to high, precarious places and risk of electrical shock. The noise level in the work environment is usually loud.

## **Application**

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Submit resume via email [hr@techstar.com](mailto:hr@techstar.com).