

**JOB DESCRIPTION**  
**Universal Industrial Gases**

Title:	Operator/Mechanic
Department:	Production Operations
Reports to:	Site operations manager/Plant manager
Date:	4/30/19
Prepared by:	Operations Manager
Location	Warner Robins, GA USA

**Purpose of the job:**

Candidate will be responsible for the operation and control of equipment used in the process of air separation. Candidate will also be accountable for the care and maintenance of plant instrumentation devices and equipment, as noted below;

**Duties of Operations/Mechanic**

- Operates and controls equipment used in an air separation plant
- Maintains quality control and quality assurance equipment, including process analyzers and gas chromatographs
- Install, maintain, adjust and repair manual, pneumatic, electric and electronic measuring, recording, and regulating instrumentation.
- Maintains calibration standards, including inspection, testing and measuring equipment as well as calibration gas cylinders
- Perform routine and non-routine analytical calibrations and adjustments.
- Works with management team to schedule calibration and preventive maintenance programs to achieve plant and company strategic quality goals.
- Assists in the development and administration of comprehensive spare parts program
- Assists in the training and development of other UIGI associates when needed.
- Performs maintenance on compressors, pumps, turbines, valves, motors, and other plant equipment, when required.
- Reads and interprets technical drawings and manuals
- Monitors water treatment systems

<b>Factors</b>	<b>Specifications</b>
Education	High school diploma or GED required. Minimum two years of college, technical school, or military technical experience preferred.
Experience	Minimum two years equivalent experience operating and/or maintaining a technical process in an industrial setting
Initiative and Ingenuity	Requires the use of considerable judgment to recognize and interpret sophisticated instrumentation and make decisions accordingly. Requires the ability to use tools and equipment necessary for repairing and replacing mechanical, electrical, and electronic equipment. Requires the ability to use computer programs to effectively analyze, document and track specific initiatives and goals set by management.
Physical Demand	Moderate physical effort to handle light and medium weights and occasionally heavy tools and equipment. May occasionally work in awkward physical positions.
Mental or Visual demand	Ability to work alone. Requires continuous mental and visual attention to operate equipment, make repairs and adjustments, etc.
Responsibility for damage to equipment	Property damage to equipment over \$5,000
Responsibility for material or product	Incorrect diagnosis of plant trouble conditions trouble or improper repairs could result in considerable loss, in excess of \$5,000
Responsibility for safety of others	Requires 100% compliance with all UIGI safety policy and procedures, and cGMP training and techniques to prevent lost time or serious injury to others.
Responsibility for other workers	May instruct other employees on the proper techniques of instrument calibration and simple maintenance
Working Conditions	Indoor and outdoor manufacturing environment, subject to noise dust, heat, cold, climbing. Occasional travel may be required
Unavoidable hazards	Exposure to asphyxiating gases, fall hazards are present. Proper PPE required for all job duties.

### **Other Skills Required**

- Critical thinking – ability to work independently to troubleshoot, diagnose & solve issues with process and plant equipment.
- Computer – strong skills in computer programs used for process control as well as document and spreadsheet creation and interpretation.
- Communication – ability to communicate effectively with a broad array of people using both verbal & written tools to build upon and become part of a strong team environment.

### **Helpful but not required**

- Water Treatment – understand the water treatment principals and equipment.
- Refrigeration - A basic understanding of refrigeration systems.
- Air Separation - A basic understanding of air separation and associated technologies.