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## **JOB DESCRIPTION**

### **Operator / Mechanic for Air Separation Plant Warner Robbins, GA, USA**

Title:	Operator / Mechanic
Department:	Production Operations
Reports to:	Site Operations Manager / Plant Manager
Date:	March 27, 2018

#### **The Facility:**

A new UIG owned and operated cryogenic air separation plant providing oxygen to an adjacent customer facility via a pipeline. The plant also produces liquid products for pipeline backup supply and for distribution to the local industrial gas market. It includes cryogenic product storage, vaporization, loading and unloading facilities.

#### **Purpose of the job:**

Operator / Mechanic will be responsible for the operation and control of equipment in the Universal Industrial Gases (UIG) air separation plant, and will participate in the care and maintenance of plant instrumentation, mechanical devices and equipment. The selected candidate will also contribute to the management of future projects at the site, such as assisting with construction and startup of related equipment.

#### **Duties and Responsibilities:**

- Monitor plant performance
- Operate and control equipment used in the air separation plant
- Ensure continuing compliance with all applicable safety, environmental, and quality assurance programs, routine maintenance programs, and asset management programs, including scheduling and parts procurement.
- Work with the management team to schedule calibration and preventive maintenance programs to achieve plant and company strategic quality goals.
- Perform and/or oversee maintenance on compressors, pumps, turbines, valves, motors, and other plant equipment, when required.
- Be able to analyze unusual operating situations, troubleshoot electrical, electronic, and mechanical equipment, and use required tools, available drawings and other resources to reach a positive outcome as quickly as possible.
- Maintain quality control and quality assurance equipment, including process analyzers and gas chromatographs, when required
- Install, maintain, adjust and repair manual, pneumatic, and electronic measuring, recording, and regulating instrumentation.

- Maintain and employ calibration standards, including inspection, testing and measuring equipment as well as calibration gas cylinders
- Perform routine and non-routine analytical calibrations and adjustments.
- Assist in maintaining, developing, and administering the comprehensive spare parts program for the operating site.
- Assist in the training and development of other UIG associates when needed.
- Read and interpret technical drawings and manuals
- Monitor water treatment systems

**Education Requirements:**

High school diploma or GED required. Minimum two years of college, technical school, or relevant military technical experience preferred.

**Experience:**

A minimum of two years of experience operating and/or maintaining a technical process in an industrial setting. Basic understanding of the production and use of industrial gas products is helpful, but not required. Knowledge of water treatment and the principles of industrial refrigeration systems is also desired.

**General Qualifications:**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the basic knowledge, skills and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Occasional travel to other operating sites may be required.

**Communication Skills:**

The 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 is critical.

**Initiative and Ingenuity:**

Successful performance in this position requires the use of considerable judgment to recognize and interpret sophisticated instrumentation, and the validity and implications of instrumentation and control equipment; with the ability to make decisions accordingly.

The associate will need to be able to use and maintain the tools and equipment necessary for repairing and replacing mechanical, electrical, and electronic equipment. The position requires the associate to have the ability to use computer programs to effectively analyze, document and track specific initiatives and goals set by management.

**Critical Thinking:**

This position requires the ability to work independently to troubleshoot, diagnose & solve issues with process and plant equipment; and to develop and rapidly implement corrective actions.

**Computer:**

This position requires strong skills in effectively utilizing computer programs for process control, as well as programs used for document and data interpretation.

**Training:**

The position requires the ability to train other employees on plant operations, quality control procedures and the proper techniques of instrument calibration and maintenance

**Physical Demands:**

The associate will need to employ moderate physical effort to handle light and medium weights and occasionally heavy tools and equipment. Work may occasionally occur in awkward physical positions.

**Mental or Visual Demands:**

Some tasks will require the ability to work alone. The position requires continuous mental and visual attention to the proper operation of equipment, and the necessity to make repairs and adjustments, etc. The chosen associate must maintain an ongoing sense of responsibility for the continuous production of required product and its quality.

**Safety**

The position requires maintaining ongoing awareness of potential hazards and attention to the safety of self and others, keeping in mind ongoing compliance with all UIG safety policy and procedures, and cGMP (current Good Manufacturing Practices) training and techniques to prevent lost time accidents or serious injury to others.

**Work Environment:**

The work environment characteristics described here are representative of those an associate encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- The indoor and outdoor manufacturing environment will subject the associate to noise dust, heat, cold.
- The associate must be able to wear required PPE, including, but not limited to; OSHA approved hard hat, safety glasses, ear protection, and various duty-specific hand protection. The noise level in the work environment is moderate to high.
- While performing the duties of this job, the associate will be occasionally exposed to moving mechanical parts.
- Asphyxiating gases will be present on the site. Fall hazards are present. Proper PPE will be required for all job duties.

**Salary and Compensation:**

We offer an excellent compensation and benefits package.

For priority consideration, e-mail your resume in MS-Word or pdf format and include **Warner Robbins** in the subject line to:

**[employment@uigi.com](mailto:employment@uigi.com)**

Resumes and other material may also be sent to:

**Universal Industrial Gases, Inc.  
Employment and Career Center  
3001 Emrick Blvd. Suite 320  
Bethlehem, Pennsylvania 18020 USA**

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For more information about our company, please visit: [www.UIGI.com](http://www.UIGI.com)