

2022

Job Description:

Quality Engineer

Company Description:

Ice Air is a supplier of specialized HVAC equipment based in Mt. Vernon, New York. Over the last several years, Ice Air has developed innovative products that meet the environmental challenges of eliminating the need for fossil fuel sources to provide heating, cooling, domestic hot water and central water loop systems.

Position Objective:

Ice-Air (Mount Vernon, NY) is seeking a Quality Engineer who is responsible for ensuring unparalleled product quality that exceeds industry standards & customer requirements.

Reports to:

Bill Liu – Director – Engineering

Responsibilities:

(Includes, but not limited to)

- Quality Control Process
 - Develop a system to determine and measure operational and quality performance parameters and metrics
 - Formulate and update quality assurance policies and procedures for new and existing products
 - Review and approve production quality and 1st piece report.
 - Analyze and evaluate products for performance and maintenance improvements
 - Conduct trainings based on quality concepts and tools

- Review and validate the equipment performance and functionality
 - Communicate with field service **techs and customers, as needed**, to report and review ongoing functional issues
 - Recommend equipment improvements based on maintenance information gathered
 - Work with internal engineering team to pin-point potential deficiencies in equipment performance and reliability
 - Make recommendations based on current market feedback and industry standards
 - Assess market trends and industry transitions to keep product line innovative and solutions based.

- Maintain proper documentation on factory quality and service call
 - Detail documentation of quality control plan
 - Detail documentation of manufacture qualification process
 - Detail history of service call, root cause analysis, and follow up corrective action.
 - Maintain Engineering change process

Qualifications/Requirements:

- Bachelor's Degree in Engineering or a related field (Thermal Dynamics a plus)
- Knowledge and background in HVAC systems, operations and functions
 - Familiarity with construction, manufacturing and building applications, a plus
- Experience in developing quality control plans and documentation for new parts
- Demonstrated ability to identify and implement continuous improvement opportunities.
- Solid understanding of problem-solving and quality tools including statistical process control, root cause analysis, G8D and Cost of Poor Quality (COPQ).
- Experience developing quality control plans and documentation for new parts, managing supplier quality and driving corrective action requests.
- Experience working with supplier and customer teams on quality related issues and disposition of non-conforming material.
- Must be comfortable working in a manufacturing and warehouse facility, frequently walking up and down stairs, bending, stooping and stretching to work in small spaces around equipment. May require moderate lifting of items up to 50 pounds and carry weight for short distances. May be exposed to various temperatures, constant vibration, dust, oils and loud noises.
- Position requires 40% job site visit and may require international travel up to 20%.

Skills:

- Hardworking and responsible
- Good organizer with problem solving capabilities
- Show initiative and have good attitude
- Must be able to work well with others
- Ambition a must
- Must have an organized and detail-oriented approach to manage multiple projects on an ongoing basis
- Must know how to drive and possess a valid U.S driver's license.

Compensation will be dependent on candidate's experience.

Website: www.ice-air.com