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Maintenance Technician

Required Education: BS Engineering

Job Type: Biotech, Manufacturing, Research

Required Experience: 5+ years

Base Pay: N/A

Required Travel: Negligible

Location: US-WI-Franklin

Employee Type: Full-Time or Contract to Hire

Manages Others: No

Reports To: Director of Process Operations

Industry: Microbiology, Biotechnology

Shift: Variable

Weekend Work: Occasional

Company Description

Microbial Discovery Group is an R&D driven microbial cultivation and fermentation company. MDG provides bioaugmentation products and solutions for a multitude of industries. MDG excels in new product innovation, customer focused manufacturing and technical support expertise.

Job Description

MDG is looking for a Maintenance Technician who is "hands-on", has excellent diagnostic skills, can keep things running smoothly, work with contractors for maintenance tasks that are outside of core skill sets, develop a Preventive Maintenance (PM) plan, establish a spare parts inventory, and be an integral part of the team that plans and builds the next round of expansion. The work is fun, full of variety, and challenging.

Position Responsibilities

- Ensures the proper operation of the following plant equipment:
 - Bioreactors (fermentation vessels)
 - Refrigeration Equipment
 - Boilers
 - HVAC
 - Air Compressors
 - Blenders
 - Centrifuges
 - Freeze Dryers
 - Chillers
 - Make-up Air Units
 - Backup Generator
 - Pin Mills / Grinders
- Troubleshoots and isolates equipment problems (mechanical and electrical).
- Implements repairs while minimizing impact to production.
- Establishes and adheres to preventive maintenance schedule using web based preventative maintenance software.
- Documents all maintenance and repair activities.
- Coordinates with outside mechanical and electrical contractors to perform work outside of MDG core competencies.
- Works closely with Quality Control department to assure compliance with Good Manufacturing Practices (GMP).
- Will be required to perform other duties as requested, directed or assigned.



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Job Qualification Conditions

Education/Experience:

- Bachelor of Science in Mechanical or Electrical Engineering
- 5+ years of experience in installing and maintaining plant floor mechanical and electrical systems
- Manufacturing, fermentation or chemical product operations experience highly desirable

Licenses/Certifications

- None

Physical Demands, Work Environment:

- Capable of lifting at least 50 lbs unassisted, or up to 100 lbs with the assistance of one other person.
- Ability to work around chemicals including enzymes.
- Regularly required to sit or stand and move about the facility.
- Exposure to shop elements such as noise, dust, fumes and odors.

Safety Requirements:

- Follow all company safety procedures and safety regulations .



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Requirements

- Keen troubleshooting and analytical skills.
- Experience with industrial equipment such as steam generators, refrigeration, and air compressors.
- Knowledge of industrial components and instrumentation.
- Must be able to interpret and understand technical documents such as P&ID's, Equipment Lists, Logic Diagrams, and Schematics.
- Knowledge of industrial computer systems, PLC's, HMI's, motor controls, and power technologies.
- Knowledge of specialized equipment such as bioreactors, centrifuges, and freeze dryers is desired.
- AutoCAD familiarity.
- Demonstrates proficient computer skills, especially with MS Office and database applications.
- Expertise with biotechnology operations including fermentation and CIP/SIP is preferred.
- Demonstrates proficiency in basic math skills.
- Ability to complete projects within specified timelines.
- Excellent attention to detail and accuracy.
- Outstanding organizational skills and ability to multi-task in a fast-paced environment.
- Self-motivated. Ability to work effectively with minimal supervision.
- Excellent communication skills (oral & written).
- PLC/HMI programming experience a bonus.
- Ability to work well with others.



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Work Environment

- Plant environment is not temperature controlled. Working around steam, mechanical systems, pressure points, chemicals, power distribution and other potential hazards.

How to Apply

- Begin the process by submitting your resume [HERE](#).
- You must also complete a Culture Index Survey [HERE](#) in order to be considered for the position. Your application will not be reviewed without the completion of the survey.

Additional Resources

For more information about MDG and the type of work required, check out the following resources:

- [MDG Facility Tour](#)
- [Custom Fermentation](#)

For additional information, please contact us at:

info@mdgbio.com