

ADVANCED MECHANICAL MAINTENANCE TECHNICIAN

Job Description

Type: Full Time Non-Exempt

Reports to: Maintenance Manager

Position Summary:

The advanced maintenance technician is responsible for the preventive maintenance, repair, and cleaning of the plant and equipment in a safe and efficient manner. Will provide detailed servicing/rebuilding of critical equipment. Continuous operation requires shift work, overtime and ability to meet call-in requirements.

Essential Job Functions:

- Remove, install, rebuild, weld, torch, lubricate and clean all equipment associated with plant processes including centrifuges and oil separators.
- Low voltage electrical troubleshooting, repair or replacement of controls, motors, valves, etc., plus perform wheeled equipment scheduled maintenance repairs.
- Perform mechanic skills including, but not limited to, mechanical, basic electrical maintenance, pneumatic, hydraulic, troubleshooting and repair of production machines.
- Read and interpret equipment manuals, blueprints and work orders to perform required maintenance and service.
- Perform regular preventive maintenance on machines, equipment and plant facilities as directed and work with other departments to accomplish all tasks in a timely and safe manner.
- Utilize and support the use of the computerized maintenance system
- Discuss any problems with maintenance manager and work with him/her on daily tasks.
- Learn the plant process for a better understanding of how the equipment is utilized.
- Complete any and all tasks assigned by Maintenance Manager.
- Maintain a team environment with other plant departments.
- Champion Dakota Ethanol, LLC in the community.
- Safe work practices are a condition of employment; complies with all OSHA and safety requirements. Take appropriate action to ensure safety of self and others in building.
- Must be able to come to work promptly and regularly.
- Must be able to take direction and work well with others.
- Must be able to work under the stress of deadlines.
- Must be able to concentrate and perform accurately.
- Must be able to react to change productively and handle other tasks as assigned.

Education/Experience:

- Some experience with fabrication, welding, cutting, gearbox repair, pump alignment, material handling systems, preventative maintenance, and instrument and electrical work. PLC and computer diagnostic experience helpful. Precision rebuilding experience is beneficial.
- Knowledge of basic electrical theory, technical skills, including knowledge of how to use appropriate tools, supplies, and equipment including but not limited to voltage meters, meggers and amp meters.
- Ability to perform basic arc, MIG and or TIG welding skills.
- Ability to use precise measurement tools including but not limited to laser alignment, calipers, dial indicators and vibration analysis tools.
- Read and understand P&ID's and schematics.
- Capable of operating scissor lift, JLG lift, forklift, sky track, front end loader, track mobile and bobcat.

Physical Requirements:

Must be able to: manage confined space entry, climb ladders and stairs, lift and move up to 60 lbs., work at heights, and meet call-in requirements as needed.

Work Environment:

Regularly exposed to dust, odors, fumes, noise, and temperature variations.