

## **Maintenance Mechanic – Underground Fixed Plant Systems**

### **SUMMARY**

**Maintenance Mechanic – Underground Fixed Plant Systems** will troubleshoot, and repair stationary equipment used in the underground and surface mining environment. Equipment includes (but is not limited to), hoists, pumps, pumping and piping systems, compressors, conveyors, pockets and chute systems etc. and assist as required with the maintenance of other Hecla assets on the site.

**ESSENTIAL DUTIES AND RESPONSIBILITIES** include the following.

- Performs scheduled and un-scheduled maintenance activities.
- Performs equipment lubrication, field repair, and preventative maintenance activities as required.
- Read hydraulic schematics. Troubleshoot hydraulic systems, test hydraulic components, and repair the problems and components.
- Maintain mine pumping systems. Perform weekly checks and maintenance, including repacking and adjusting stuffing boxes, bleeding air locks, and minor repairs.
- Start and stop pumps and manage pump operation sequence. Troubleshoot problems, including bad valves, bad packing, low oil, water in oil, etc. Know proper procedure and safety concerns for shut down, repairs, and start up.
- Maintenance of spray chambers. Install, repair, and start up spray chambers, including piping manifolds, pumps, chamber, and tank.
- Maintenance of compressors and compressor plant. Know compressor operating principles and controls. Understand safety switches and trip trap indicators. Know proper procedures and safety concerns for shut down, repairs, and start up. Troubleshoot and repair basic system problems, including cooling system, load regulation, and valves.
- Hoists and conveyances; Perform daily conveyance inspection. Perform inspection after E Stop on ropes, cappel, safety dogs and conveyance. Assist on rope cuts and changes using procedure forms. Complete weekly services of hoist, ropes and conveyances.
- Maintenance and repair of pockets and load cells.
- Maintenance and repair of conveyor systems.
- Machinery installation; Must know proper procedures for installation of components and electric motors.
- Perform dial indicator alignment of couplings.
- Properly size and install belts and align pulleys.
- Maintains a clean work area and is accountable for company and personal tools utilized to perform the work.
- Performs data input as required for inventory and cost control tracking.
- Completes required maintenance reports and logs.
- Tests all equipment repairs as applicable.
- Perform various welding and fabrication tasks.
- Access equipment information using electronic devices (i.e. laptop computer, tablet).
- Use of measuring equipment, including micrometers, calipers, etc.
- Maintain a high standard of housekeeping in the workplace.
- Comply with applicable environmental laws and regulations. Conducts activities and work in an environmentally responsible manner. Is aware of procedures to minimize impacts to the environment.
- Follows and understands MSHA rules and regulations, environmental rules and regulations, SOP and work area instructions, participates in safety and environmental activities. Leads by example by adhering to rules and regulations, and ensuring compliance to rules and regulations established by the Mine Operations department.
- Must be able to work and communicate with other members of the work team.
- Must be willing to comply with all company policies and procedures

- Participate in Risk Assessment activities as required.
- Participate in the development of Standard Operating Procedures (SOP's) as required.
- Must meet criteria established in the Maintenance Progression System.

## **QUALIFICATIONS**

High School graduate or equivalent.

Previous experience in a mine setting preferred.

Journeyman qualifications in Millwright or another Mechanical discipline.

Must be able to access equipment information using electronic devices (i.e. laptop computer, tablet).

Computer literate with at least basic skills in Excel, Word and MS Outlook.

## **PHYSICAL REQUIREMENTS**

While performing the duties of this job, the employee is frequently required to stand, walk, or sit for extended periods of time; use hands to finger, handle, or feel; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl; regularly required to talk and hear. The employee must regularly lift and/or move up to 50 pounds, and occasionally lift and/or move up to 75 pounds. Specific vision abilities required by this job include close vision, distance vision, and the ability to adjust focus.

## **About Hecla and the Lucky Friday Mine**

The Lucky Friday Mine is a deep underground silver, lead, and zinc mine located one mile east of the town of Mullan in the Coeur d'Alene Mining District in northern Idaho. The Lucky Friday has been owned and operated by Hecla Mining Company, headquartered in Coeur d'Alene, Idaho, since 1958. Established in 1891 in one of the world's most prolific silver-producing districts, northern Idaho's Silver Valley, Hecla Mining Company's rich history of mining has distinguished it as a respected precious metals producer. Hecla is the oldest U.S.-based precious metals mining company in North America and the largest producer of silver in the U.S. Headquartered in Coeur d'Alene, Idaho, with a sister office in Vancouver, B.C., our international, publicly traded company is over 125 years old.

Hecla Limited, Lucky Friday Mine is pleased to offer competitive compensation commensurate with education and experience, and a comprehensive benefits program that includes health & welfare, income protection, paid time off and retirement plans for employees, including medical, dental, and vision coverage for eligible dependents.

Interested candidates must possess authorization to work in the United States. Applications and/or resumes may be sent via e-mail to [resume@hecla-mining.com](mailto:resume@hecla-mining.com), faxed to 208.545.3327, or mailed to:

Human Resources  
Hecla Limited, Lucky Friday Mine  
P.O. Box 31  
Mullan, ID 83846

Hecla Limited, Lucky Friday Mine is an Equal Opportunity Employer  
Visit our website at [www.hecla-mining.com](http://www.hecla-mining.com) for more information about Hecla and the Lucky Friday Mine.