



KIRKLAND LAKE GOLD

MOBILE MAINTENANCE RELIABILITY ENGINEER

POSTING #2020-099

Location: Detour Lake Mine

Rotation: 14 days in / 14 days off

Closing Date: September 24, 2020

If you thrive on success and team work in a team culture, Kirkland Lake Gold offers career opportunities on a global scale. We provide rewarding and challenging work that will help you grow your skills and your career.

Kirkland Lake Gold is committed to creating meaningful opportunities for our employees and we encourage everyone who works for us to contribute to their full potential. We are an equal opportunity employer and value diversity. We provide a safe work environment and seek to ensure all individuals are treated with respect and dignity, free from harassment, discrimination, bullying and retaliation. All employment is decided on the basis of qualifications, merit and business need. Disability-related accommodations during the application and selection process are available upon request.

Interested? We hope you are.

ABOUT THE OPPORTUNITY

Based at the Detour Lake Mine site, we currently have an exciting opportunity for a **Reliability Engineer** to join our Mobile Maintenance team reporting to the General Supervisor, Planning & Reliability.

Detour Lake is the second largest gold producing mine in Canada with the largest gold reserves and substantial growth potential. The open pit mine is located in northeastern Ontario, approximately 300 kilometres northeast of Timmins and 185 kilometres by road northeast of Cochrane, within the northernmost Abitibi Greenstone Belt. The mine is situated in the area of the historic Detour Lake open pit/underground mine operated by Placer Dome which produced 1.8 million ounces of gold from 1983 to 1999. The Detour Lake operation has a mine life of approximately 22 years with an average gold production of 659,000 ounces per year.

The **Reliability Engineer** will be responsible for overseeing conditional monitoring activities related to all mine maintenance equipment.

RESPONSIBILITIES

Your responsibilities will include:

- Provide analysis and interpretation of maintenance trends and variances;
- Conduct analysis of reliability programs and investigate to determine the required reliability approach for failures;
- Develop and implement a reliability program which maximizes profit and production by minimizing equipment downtime;
- Consider impact of cost on recommended action plans for avoiding/ correcting problems during the design phase or remedial action for correcting downtime problems on installed equipment;
- Implement preventative, predictive maintenance procedures and improve designs and/or installation criteria to minimize overall cost by reducing failures and maintenance manpower requirements;
- Provide mechanical expertise and apply advanced analytical and trouble shooting skills to identifying and solve day-to-day equipment problems;
- Act as a technical resource to the Mine Maintenance group for troubleshooting equipment problems;
- Assist in the completion of risk assessments for mine maintenance activities and support the development of safe procedures;
- Lead and coach junior reliability engineers;
- Investigate and analyze equipment breakdown history/ trends to resolve best maintenance practice deficiencies and improve quality of repair through RCA or FMECA;
- Manage master data in CMMS;
- Develop maintenance procedures, analyze existing procedures and make recommendations to improve effectiveness;
- Lead failure analysis as required.

QUALIFICATIONS

Our ideal candidate has:

- Bachelor's Degree in Mechanical, Electrical or Mining Engineering or a Technical Diploma;
- Three to five years' of relevant experience;
- Exposure to Project Management tools and techniques;
- Qualification as a certified maintenance and reliability professional and/or trades certification;

- Strong communication skills including verbal and written as well as presentation skills required;
- Expert level knowledge of the Microsoft Office Suite and SAP;
- Familiarity with reliability programs in mining and mobile equipment;
- Familiarity with condition monitoring in a mining environment would be a strong asset;
- Experience with maintenance and reliability of heavy mobile equipment (7495, 6060, 6030, 24M, 16M, D11, D10, PV271, D65, DM45).

Does this sound like you? If so, we would love to hear from you.

WHAT'S IN IT FOR YOU?

Together, we are building a world-class gold mine and our success is determined by the hard work and dedication of our team. All of our team members are rewarded with a competitive benefits package and on-the-job perks, including:

- Competitive salary
- Travel Allowance
- Group benefits package
- Training and learning opportunities

Should you be the successful candidate for this role, you will be contacted by a member of our Human Resources Department to schedule an interview.