

Job description for Process Engineer

Job Purpose:

The Process Engineer role is to ensure quality products are being produced that meet customer specifications at the highest recovery and highest throughputs achievable. This is done through daily coordination with production and analysis of mill assays to determine what changes are needed. In addition, the Process Engineer role will lead process improvement efforts for the Offerman Site.

Essential Functions:

- Ensure adherence to MSHA Safety rules and also Environmental compliance in all work conducted
- Conducts work in accordance to SIM policies

Daily tasks:

- Monitor mill performance through sample analysis and visual inspection of the process at key points
- Coordinate with production supervisors and plant metallurgist on plant settings for optimal product grade and recovery
- Participate in MWF production meetings

Weekly tasks:

- Run the weekly grade recovery review meeting
 - Go over trends in product quality and mineral recovery
 - Create action items and follow up from meeting discussions
- Participate in weekly Product Quality and Customer Process meeting

Process Improvement Leadership:

- Manage projects that come out of the weekly grade recovery review meetings and other process improvement programs
- Run cost/benefit analysis of process improvement opportunities to rank the priorities
- Interface with maintenance and or SIM Project Manager to provide scopes of work and spec out equipment, materials of construction, etc.
- Complete documentation for process changes including SOP, SJP, PFD, and any other documentation that the process requires
- Work with operations to make sure they are trained with any changes in operation
- Audit process improvements to make sure the changes are sustained
- Participate in ISO certification process

Qualifications, Education, Training, and Skills

- Proficiency in slurry pumping,

- Proficiency in MS Excel, Word, Access
- BS/MS in mining engineering and or mineral processing