



CHARU SINGHANIA

Metallurgist

EKATI DIAMOND MINE (*Dominion Diamond Mines*)

As a project metallurgist at the Ekati mine, Charu manages all the sustaining capital projects for the process plant. A metallurgist uses chemistry, physics, and mathematics to extract diamonds from the ore.

Charu is always thinking about the best way to solve a problem. Typically, projects start with a project case. Charu meets with stakeholders and develops a summary that provides relevant information on the need for the project.

Charu works with external firms to develop the detailed engineering design based on the scope of work. Once the design has been approved, it is sent for cost estimations for construction. Charu monitors the progress of the construction and how it compares to the schedule and the budget. After construction is complete, all the stakeholders meet to discuss which parts of the projects were executed well and, which parts could be improved upon.

“I love that my job allows me to play different roles throughout the life cycle of a project. The most important role is managing stakeholders and coordinating project activities. My job can be stressful at times, especially when two or more projects are on the go but time management and prioritizing the activities are great skills to successfully achieving the end goal,” Charu said.



JOB GOALS

- Keep project cost and schedule as per approved plan
- Prepare project plans (cost, schedule, procurement, risks)
- Coordinate review and approval of engineering designs by different disciplines
- Make sure all the engineering, construction, certificates and safety plans are in line with site standards and appropriate approvals are in place before work at site begins

SKILLS THAT PLAY A PART

- Be able to manage different things at the same time
- Have an understanding of technical aspects, finance, procurement, and most importantly people management

EDUCATION AND TRAINING NEEDED

- Chemical Engineer
- Certified Project Management Professional (PMP) by Project Management Institute (USA)
- Basic knowledge of Microsoft Office and SAP

TRAINING RESOURCES

- Project management guidelines, Aurora College provides project management courses