



METALLURGIST

ABOUT THIS JOB

Metallurgists extract and refine valuable minerals from raw ore using sophisticated processes and new technologies. They also work to protect and restore the environment and monitor processing in the mill to maintain or increase production. Metallurgists keep records of the production in daily, monthly and yearly reports. Metallurgists should enjoy solving problems and have aptitude in science and mathematics. They should be able to get along with other people and effectively communicate their ideas to others.

METALLURGISTS PERFORM THE FOLLOWING TASKS:

- Plan, organize and supervise the extraction of metallic or non-metallic minerals from the ore
- Monitor the flow of material through the mill
- Monitor and control the addition of chemical substances to make sure the highest amount of mineral is extracted from the ore
- Analyze data and report statistics of the processing department

PREPARATION AND TRAINING FOR THIS POSITION

A high school diploma or GED, and a bachelor's degree in metallurgical, chemical or related engineering are required from an accredited college or university.



EDUCATION:

- * **HIGH SCHOOL DIPLOMA OR GED**
- * **BACHELOR'S DEGREE**