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# Engineer

**Employer:** Lonquist & Co.

Posted: Sep 26 2012

**Desired Expertise:** Engineering Manager, Production Engineering

**Experience:** 5+ years

**Minimum Education:** Bachelors/3-5 yr Degree

**Salary:** \$50,000/year

**Location:** Austin, TX, US

**Employment Type:** Full Time Salaried Employee

**Job Status:** **Closed - No longer accepting applications**

### Job Description:

Mine Engineer  
 Direct Supervisor: Mine Manager  
 Senior Mining Engineer

Full-Time Salary - Standard Vacation and Holidays

### Company:

Crystal Mountain Sel Sahara, S.A. is a solar salt mining company that produces naturally evaporated salt for use in the deicing, food-grade, agriculture, and fish-packing industries. It is located in Southern Morocco between Tarfaya and Laayoune.

### Qualifications:

The Mine Engineer should have a bachelor degree in Mining Engineering, Industrial Engineering, or Agricultural Engineering from a U.S. University or other international university with a strong background in mathematics and science. The person must have good organizational skills and strong problem-solving abilities. Creativity and the ability to communicate effectively are also needed. An understanding of transportation, logistics, bulk materials handling, and heavy equipment management is necessary. A minimum of 5 years of experience is required. The ability to understand and communicate in French is helpful.

### Responsibilities:

The primary tasks the Mine Engineer will be responsible for include the following activities:

- Planning and coordinating pond fill schedules, evaluating results and recommending changes to improve efficiencies and to accommodate market demands.
- Applying knowledge of mining engineering principals to assist in the planning and coordination of the mining processes to ensure efficient mining operations and optimization of labor and equipment utilizations.
- Directing mine construction activities such as facilities construction, pond and road construction, and pump installations.
- Planning, coordinating, and directing the development of cofferdam and brine supply well drilling expansion operations.
- Assisting with the design, implementation, and monitoring of various facility projects and systems such as, but not limited to the following:
  - o Crushing / screening operations
  - o Wash-plant / drying operations
  - o Pumping systems
  - o Electrical supply / generator capacities
  - o Brine well operations
  - o Material handling systems
  - o Bagging operations
- Assisting with the analysis of labor requirements, equipment needs, and operational costs to prepare annual budget reports and to track actual expenses while comparing to projected budgets.
- Planning and implementing a detailed equipment availability and utilization tracking program.
- Designing and implementing any safety processes necessary to ensure a safe work environment for all employees and contractors working at the mine.
- Assisting with the training of new hires.
- Implementing and monitoring of a QA/QC program and providing oversight to the laboratory.
- Assist with trucking and bulk ocean shipping logistics.
- A moderate amount of travel to the mine will be required.
- Home office: Austin, Texas

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This position is no longer open for new applications. Either the position has expired or was removed because it was filled. However, there are [thousands of other great jobs](#) to be found on Rigzone.

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