

**Title:** Sr. Reliability Engineer

**Location:** Green River, WY

**Employer:** Tata Chemicals Soda Ash Partners LLC

**RESPONSIBILITIES:**

- Implement a reliability program focusing on Condition monitoring, Predictive maintenance, and Failure analyses to improve equipment availability.
- Development of a robust maintenance strategy, annual maintenance, and repair plan for critical equipment.
- Develop recommendations around equipment design enhancements, recommendations for spare selection and improvements in repair methods.
- Develop training materials & oversee training of personnel, mentor cross functional teams on reliability assessment methods and metrics, evaluate outcomes of personnel or tasks during maintenance/ execution of plans.
- Monitor operations and failure history for critical equipment and identify opportunities for detecting and preventing failures based on root cause analyses.

**QUALIFICATIONS:**

- Job requires Bachelor's degree in Mechanical Engineering, Chemical Engineering, Electrical Engineering, or other related fields of engineering and five years of experience in any job title involving Mechanical Maintenance, Manufacturing Reliability or related.
- The position also requires experience with the following:
  - Experience with reliability assessment techniques (Condition Monitoring & predictive maintenance) (2 years);
  - Experience with equipment operations, performance monitoring and component level failure analyses - drive train, bearings, shafts, pressure vessel, heat exchanger, piping failures etc.(2 years);
  - Experience RAGAGEP, API, ASME, TEMA, HEI (2 years).
  - Experience with Static & Rotating equipment installation, inspection, and repair planning (3 years);
  - Experience with chemicals manufacturing / power plant operations and maintenance functions including predictive, preventive, breakdown and turn around maintenance (3 years);
  - Ability to work with cross-functional teams of plant operations, mechanical maintenance, and project construction team (3 years);
  - Experience in training and mentoring personnel on reliability assessment techniques, standard maintenance practices, equipment and systems troubleshooting (3 years);

**Reply To:**

Email resume and cover letter to Heather Guymon at [hguymon@tatachemicals.com](mailto:hguymon@tatachemicals.com). Please reference Job Code: SRE23