

## ROLE PROFILE

Phosphate BU/WAS Technical

<b>Job Title</b>	Lead Engineer Rotating Eq.	<b>Reporting to</b>	Superintendent Rotating Eq.
<b>Business Unit/Function</b>	Phosphate BU/WAS Technical	<b>Department</b>	CM& Rotating Equip
<b>Direct Reports</b>	0	<b>Budget/Size</b>	
<b>Grade</b>	M10	<b>Job Family</b>	
		<b>Sub Family</b>	
<b>Position Type</b>	Full Time	<b>Role Profile Number</b>	

### Job Purpose

He shall be responsible for In-service Inspection of Rotating Equipment. He shall be responsible for overall monitoring and implementation of Inspection Programs to ensure Mechanical Integrity of rotating Equipment by application of effective Inspection Methods and Standards. He shall lead and guide the team of rotating Engineers. He shall be responsible for coordination with various disciplines in the plants, process licensors, participating RBI studies and performing Technical Studies to resolve chronic reliability issues. He shall assist management by providing technical feedbacks/assessments, compliance of Audit Programs and implementation of various Management Systems to achieve business objectives. He shall Provide Failure analysis to asset problems , Provide technical strategy and schedule to maintain production lines, Initiate Technical solutions.

### Key Accountabilities

Review PM-strategy, Do Technical Evaluations, Failure analysis ,Spare part Review Min-Max, Item codes, Inspection SOW

Carry out any specific assigned tasks by the Manager/Superintendent

Provide Repair Procedures and Recommendations in line with approved procedures/ International code/Standards.

Publishes Investigation reports and Technical procedures and make presentation to the management on risk failures.

Ensure assigned Engineering task and related activities meet MWSPC Safety and environmental policy and standards in order to minimize risk industrial injuries and un-wanted incidents.

Ensure full compliance with Ma'aden safety regulations.

### Minimum Qualifications, Experience and Competencies

#### Minimum Qualifications:

B.SC degree in Mechanical Engineering

#### Minimum Experience:

10 years in relative Beneficiation equipment's

#### Ma'aden High-Performance Competencies:

Teamwork, communications, strategic thinking, Safety Compliance, High Quality Oriented

#### Skills:

- Knowledge of motors, turbines, compressors, fans, gear boxes, and pumps is essential, agitators, mixers, reducers and dryers are an asset.
- Knowledge of gear design, ratings, manufacturing methods and quality control is preferred.

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- Working knowledge on operation, maintenance and repair methods and techniques of gears, fluid drives, shafts, bearings, couplings, power transmission systems and turbo machinery.
- Knowledge of machine dynamics, vibration measurement and analysis, tribology and lubrication, and failure analysis.
- Must be able to apply theory and experience to the application, inspection, start-up, troubleshooting and operation of various power transmission devices.
- Proven track record of managing time limited projects.
- Excellent relationship building skills (internal and external)
- Excellent written, verbal and presentation skills in English required,
- Extensive computer skills in using Microsoft software (Word, Excel, PowerPoint, etc.) plus other software pertinent to the work performed would be advantageous.
- Ability to work with diverse populations, and foster a cooperative team environment.