



# Example of Reliability Engineering Job Description

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Our company is growing rapidly and is hiring for a reliability engineering. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for reliability engineering

- Leads RCFE (Root Cause Failure Elimination) process to identify root cause and implements corrective actions to prevent recurrence
- Leads Failure Modes Effects Analysis (FMEA) on new and in-place equipment
- Coordinates with corporate Environmental Engineer on plant waste water treatment systems ensuring regulatory compliance through Waste Water Treatment Plant (WWTP) reliability
- Assists in development and utilization of key reliability metrics to consistently measure performance
- Deliver Mechanical Integrity and Process Safety Management (MI/PSM) compliance and drive Environmental, Health and Safety excellence ensure the reliability group is engaged in driving Environmental, Health and Safety excellence
- Provide a lifecycle approach to asset care from design to retirement and re-investment
- Develop, promote and Instil a culture of asset resiliency, care, and optimisation
- Optimise and maintain a clear, efficient and robust process for the planning and scheduling of all maintenance work
- Responsibility for the accurate planning, budgeting and control of the maintenance and budget spend
- Responsible for reducing the cost of maintenance across the plant through establishing methods to track cost of maintenance on a per asset/system basis while focusing on reducing cost

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- Previous work experience in electronic package design qualification methodologies for silicon and custom ASIC packages
  - Demonstrable expert knowledge, and experience with reliability predictions for component package technologies (CSPs)
  - Hands on with prior experience of building test rigs, especially pumps, valves, hydraulics, electronic controls
  - Detect and fix faults on test equipment and test rigs
  - Experience with data collection system
  - Self directed and can work with minimal supervision