Downloaded from <https://www.velvetjobs.com/job-descriptions/asset-engineer>

# Example of Asset Engineer Job Description

Our innovative and growing company is looking for an asset engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for asset engineer

* Business development and project bidding activities
* Understand and assess risks associated with interval extensions and life of HGP and/or combustion hardware
* Assess unit health through evaluation of unit operational data, data analytics, historical outage reports, fleet issues, field test data, and both fleet and unit specific part’s distress modes/events history
* Support local and regional maintenance team by ensuring the effectiveness of planned maintenance activities for both technical and cost aspects
* Perform basic or standard engineering analysis/calculations and designs (e.g., site layout, piping design, material specification, .) associated with small scale complex projects and/or participate in large scale complex projects
* Periodically review spare parts inventory based on past/actual consumptions and machines format change
* Ensure coordination between production and engineering department for the preparation of technical specifications in case of new machinery purchase
* Work out and budget annual maintenance plans in conjunction with maintenance supervisors and production manager and ensure proper and timely implementation of these plans
* Respect safety guidelines in all activities linked to the position
* Responsible for the development and maintenance of the annual Inside Plant PM / CM O&M budget plan, Division PM / CM work plan and measures the monthly performance of the Divisions to the plan

## Qualifications for asset engineer

* The development of Site Master Plans with concrete safety objectives for management of technical installations and monitoring of the results
* Willing to be relocated voluntarily
* Knowledge of ISO55000 / PAS55 principles of operational, tactical and strategic asset management and/or rail research and development
* An ability to use and develop Finite/Discrete Element Models or Infrastructure Asset Management tools is preferred
* Able to work independently but also collaborate with other teams to deliver specialist works
* Good at data manipulation, analysis and processing