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# Example of Asset Engineer Job Description

Our 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

* Support water forecasting within Enersight Volume Forecasting software
* Generate and QC data input for water and frac schedule optimization modeling
* Analyze water and frac schedule optimization results for various schedule scenarios and communicate recommendations for action
* Record and distribute water distribution, friction reducer scheduling, and completion water design guidelines weekly
* Support saltwater disposal budget forecasting
* Assist with generating and tracking recommendations for frac pace, resources, and timing requirements
* Contribute to the unit specific HSE issues
* Lead diverse working teams consisting of Technologists, Production, Reliability and Maintenance experts to achieve targets with focus on enhancing Asset Effectiveness for the technology
* Collaborate with operations personnel in troubleshooting problems and provide guidance and training as appropriate to promote proper operation and maintenance of equipment and piping systems
* Maintain the asset strategy to minimize total cost of ownership for all assets in the technology by improving plant reliability through maintaining/developing critical equipment strategies, identifying/correcting bad actors, leading root cause failure analyses, assuring mechanical integrity requirements, implementing preventive/predictive maintenance programs and other reliability tools

## Qualifications for asset engineer

* Degree in Civil Engineering or other relevant discipline
* Chartered professional status or nearing professional status
* Appreciating organisational drivers those of individual stakeholders
* Minimum of 8 additional years of experience in an engineering capacity with turbomachinery
* Previous experience with an engineering or technically focused work environment (plant/asset management, engineering, reliability, logistics)
* Demonstrated project management skills and the ability to manage competing priorities