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# Example of Turbine Engineer Job Description

Our growing company is looking to fill the role of turbine engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for turbine engineer

* Technical evaluation of steam turbine blading components, assessing the existing designs and condition of equipment to develop technical recommendations for cost effective solutions
* Implement modern design tools and develop improved design methods and tools to continually advance our competitiveness and product integrity
* Develop and implement the design of new power plant equipment or system upgrades to meet customer requirements for functionality, schedule and cost
* Provide technical field assistance for all forms of field service, start-up and commissioning of steam path equipment
* Interface with customers in office meetings and on-site to effectively represent MHPSA, demonstrating technical expertise and customer sensitivity to achieve a high level of customer satisfaction
* Interface with vendors to keep up to date on technology advancements that can be applied to reduce costs or increase performance and / or reliability
* Support sales and marketing efforts for new units and upgrades
* Communicate technical requirements and background with customers through service bulletins, documentation, and customer meetings
* Enhance mechanical system records and documentation to improve ongoing service operations
* Interface with MHPS steam turbine and mechanical system engineers to obtain a consensus on new designs, upgrades or field problem resolution

## Qualifications for turbine engineer

* Basic use and understanding of FEA tools, basic use of DFSS tools and methodologies
* BS degree in Mechanical or Electrical Engineering from a four year accredited college or university
* 8 years of professional experience, with at least six years of project experience in design/operation/ consulting related to large industrial/utility steam turbines
* Familiar with and proficient in running at least one heat balance software
* 12 years of professional experience, with at least ten years of project experience in design/operation/ consulting related to large industrial/utility steam turbines
* Familiarity with the main features of the products of all major steam turbine manufacturers