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# Example of Mechanical / Senior Mechanical Engineer Job Description

Our growing company is looking to fill the role of mechanical / senior mechanical 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 mechanical / senior mechanical engineer

* Technically evaluate equipment quotations
* Reviews supplier data equipment packages
* Oversee, prepare and review of design documents for nuclear conventional systems, Drawings, BOMs, SCL, CCA, Technical Specifications, Over-Pressure Protection Reports and Design / Stress Reports
* Ensure orderly coordination including reviews of all design input and output at the 'Draft Review' stage, final approval stage, in accordance with SLN QA Program Procedures
* Drive design and build of prototypes
* Support a working culture based on respect for health, safety and environmental issues and maintenance of a high level of asset integrity
* Act as Deputy Mechanical Engineering Static Equipment TA-2
* Provision of day-to-day Mechanical support to the installations and/or projects
* Participate in scoping, provide solution and delivery of change requests within budget and to the agreed functionality
* Work with relevant interfaces to ensure that discipline input to IAP activities etc are identified in a timely manner and that of any adverse consequences of changes are mitigated and reflected in an updated IAP

## Qualifications for mechanical / senior mechanical engineer

* Organize training for the maintenance engineers
* Provide expertise related to rotating equipment and “package” equipment (main objectives are safety, reliability and minimum total cost of ownership)
* Review and approve specifications for rotating equipment (pumps, vacuum pumps, compressors, agitators)
* Check and approve vendor manuals
* Ensure at all stage compliance with HSE regulations and company policies
* Participates in the commissioning phase and start-up