

Job Title:	Design Engineer
Department:	Engineering
Division:	Aerospace

Sample Job description for Design Engineer:

- Creating 3D model as per the blueprint requirement
- Turbine Engine parts designing, drafting, modeling.
- Generating forging model
- Checking the 3d model dimensions with every dimension mentioned in the blueprint
- Responsible for designing, modelling and drafting of turbine components and assemblies in NX considering full spectrum of design requirements (functionality, robustness, cost effectiveness, manufacturing & technology, assembly and service).
- Prepares and checks assembly drawings, detailed drawings, manufacturing sketches, layouts as per standards requirement and creation of Bill of materials
- Checking the drafted sheets for compliance with the general approved
- Creating models as per the outline done for the process structure
- Drafting the models to generate the step-by-step method for manufacturing
- Check Drawing for latest revision and ballooning.
- Noting critical dimensions, datums, and critical shapes.
- Analyse general notations and Material Specifications.
- Reviews Process sheets and correcting OP Sheets.
- Knowledge of aspects of Mechanical Integrity of steam turbine components
- Knowledge of product development process of a product.

Skills/ Qualifications:

- MTech / B. Tech in Mechanical Engineering
- 3-8 years' prior experience in Design Engineer in Aero space manufacturing Turbine industry.
- Sound Technical knowhow of turbine Design and its functionality.
- Knowledge of Design Tools like Unigraphics Simens NX.
- Hands on experience of creating 3D assemblies / 3D Models / 2D Drawings.
- Experience on two domain (Design + Mechanics (Ansys)) would be added advantage.