

Director of Engineering Job Description

Duties and Responsibilities:

- Deliberate with management, production, and marketing staff on the possible requirements and procedures for a project
- Organize and manage projects, making detailed plans that work towards the fulfillment of a set objective
- Examine technology, organizational resources and the demands of the market in order to plan or give procedures for projects which are practicable or possible
- Manage the installation, testing, operation, maintenance, and repair of facilities and equipment, making sure they are executed by the personnel responsible
- Direct, evaluate, and confirm product design and changes
- Recruit, assign, direct, and evaluate employees in their work station
- Supervise the development and maintenance of staff abilities and suitability in the organization
- Direct the negotiation of research contracts and also prepare the company's budget, bids, and contracts
- Set scientific and technical goals in the confines of the organization with the aid of management
- Consult or negotiate with clients to make arrangements of resources required for a project
- Setup schemes or designs, and also elaborate reports and results to clients
- Develop and implement policies, standards, and procedures for the engineering and technical work performed in the organization
- Administer highway planning, construction, and maintenance
- Perform administrative functions such as evaluating and writing reports, approving expenditures concerning projects.

Director of Engineering Requirements – Skills, Knowledge, and Abilities

- Education and Training: To become a director of engineering, you require a bachelor's degree in mechanical engineering, industrial engineering, building management, or in other related fields
- Communication Skill: Directors of engineering have excellent communication skills which they utilize when instructing and directing employees
- Critical Thinking: They require good logic and reasoning skills to be able to identify weaknesses and strengths of alternative solutions or approaches to problems
- Organizational skill: Their work is often to instruct and direct workers, thereby making them persons who need excellent organizational skill to perform their duties.