

Operations Technology Engineer Job Description

Duties and Responsibilities:

- Use machines such as excavators, diggers, and bulldozers in digging, grading or moving earth
- Operate pumps and compressors to generate pressure needed in the transfer of gaseous or liquid substances
- Oversee the loading and unloading of equipment or raw materials on and from trucks
- Drive and operate forklifts, cranes and conveyors to transport materials to a worksite
- Oversee the repair and maintenance of industrial equipment and machinery
- Ensures work operations are in compliance with set health and safety standards
- Operate graders, pavers and rollers during the construction and tarring of road surfaces
- Install, lay, and repair drainage/sewage lines
- Utilize sprayers in applying curing compounds onto surfaces
- Conduct inspection of systems of operations, equipment, and processes to ensure efficient and proper functioning
- Collaborate with computer engineers, production engineers and other operations professionals to develop and effect strategies for effective operations
- Establish objectives for operations and implement action plans for achieving set targets
- Conduct survey and analysis of operations to identify operational problems and develop solutions for the resolution of issues.
- Maintain an up-to-date knowledge of job operations by participating in educational programs and workshops
- Study and evaluate operational procedures to modify or redesign the process of operations in order to enhance performance and output.

Operations Technology Engineer Requirements – Skills, Knowledge, and Abilities

- **Education and Training:** To become an operations technology engineer, you require a Bachelor's degree in an engineering discipline such as mechanical engineering, computer engineering, industrial or operations engineering. Certification by recognized operation technology bodies is often required and can provide a competitive edge when seeking an OT job position
- **Analytical Skills:** Operations technology engineers are versed in conducting performance evaluation to identify operational limitations and initiate steps to enhance work processes
- **Reporting Skills:** They are able to present to company management periodic reports on work activities; they also make recommendations on ways to improve on already existing procedures to maximize efficiency
- **Planning Skills:** OT engineers are skilled in developing strategies necessary for efficient work operations in an industrial facility.