Downloaded from <https://www.velvetjobs.com/job-descriptions/mechanical-tech>

# Example of Mechanical Tech Job Description

Our growing company is searching for experienced candidates for the position of mechanical tech. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for mechanical tech

* Communicating with production operations personnel for Start-up and Shut-down of mechanical rotating equipment
* Undertaking planned and corrective maintenance on all Mechanical equipment, ensuring all works are carried out fully in compliance and conformance company procedures
* Supporting installation and commissioning of new equipment as required
* Make minor repairs to valves, fittings, pumps
* To keep work activities and focus on company strategic objectives
* Act as Operations Liaison to Regional and Major Projects with the commissioning of new faculties to meet in service dates
* Complete preventative and remedial maintenance in accordance with schedule and work instructions, with particular emphasis on safety critical activities
* Create detailed 3-D models using Solidworks
* Create MATLAB and Excel calculations
* Interested in learning advanced Finite Element Modeling techniques in ANSYS and LS-DYNA

## Qualifications for mechanical tech

* Must be self-directed and have a collaborative approach to problem solving
* Must meet vision requirements (specific to determining colors)
* Knowledge of gearboxes, feeding and adjusting mechanisms, dismantle machines to gain access to defects
* Preventative maintenance experience necessary and computer skills a plus
* Willingness to work on any shift and to work overtime
* Team orientated, strong communication skills