

# Agricultural Engineer Job Description

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## **Duties and Responsibilities:**

- Designing agricultural machinery and/or equipment
- Testing agricultural machinery so as to ensure that operations within the farm are carried out smoothly and efficiently
- Designing crop storage facilities, animal, and crop processing, and overseeing the construction and/or setting up of these facilities
- Conducting educational programs that help farmers with relevant information that they need for the improvement and enhancement of their agricultural produce
- Supervising food processing and manufacturing procedures within a particular farm
- Designing food processing plants and other related mechanical systems
- Preparing sketches, drawings, proposals, and budgets needed for previously planned agricultural sites.

## **Agricultural Engineer Requirements – Skills, Knowledge, and Abilities**

- Must have excellent communication skills
- Possession of good interpersonal skills is a must
- A high level of knowledge pertaining to the installation, use, and repair of agricultural equipment
- Must be able to work as part of a team or to lead a team if the need arises
- Must be someone that pays keen attention to details
- Must have excellent coordination and organizational abilities
- Ability to solve complex problems. That is to say that the engineer must have good problem-solving abilities
- Must display flexibility while carrying out duties
- Must have good time management skills

- Must have in-depth knowledge of general agricultural procedures
- A minimum of a bachelor's degree in Agricultural Engineering
- 3 years of experience in a similar position
- A Master's degree will be of added advantage.