

MANUFACTURING ENGINEER

KEY TECHNOLOGY – WALLA WALLA WA

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[Manufacturing Engineer - TN10548](#)

Plans, directs, and coordinates manufacturing processes in a manufacturing plant by performing the following duties.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

Develops, evaluates, and improves manufacturing methods.

Analyzes and plans work force utilization, space requirements, and workflow, and designs layout of equipment and workspace for maximum efficiency.

Confers with design staff concerning product design and tooling to ensure efficient production methods.

Confers with management, engineering, and other staff regarding manufacturing capabilities, production schedules, and other considerations to facilitate production processes.

Applies statistical methods to estimate future manufacturing requirements and potential.

Participates in manufacturability reviews, estimates production times and prepares/maintains routing steps.

QUALIFICATIONS To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE

A Bachelor of Science degree in Manufacturing Engineering, Mechanical Engineering or Process Engineering with 4-10 years of relevant experience. Capable of process development and writing procedures. Must be able to communicate well with others at all levels. Some knowledge of MRP systems and general manufacturing business practices. Ability to read and critically review manufacturing drawings. 3-D CAD system modeling and drafting experience, preferably CREO, is highly desirable.

LANGUAGE SKILLS

Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations. Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.

MATHEMATICAL SKILLS

Ability to apply advanced mathematical concepts such as exponents, logarithms, quadratic equations, and permutations. Ability to apply mathematical operations to such tasks as frequency distribution, determination of test reliability and validity, analysis of variance, correlation techniques, sampling theory, and factor analysis.

REASONING ABILITY

Ability to define problems, collect data, establish facts, and draw valid conclusions. Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.

PHYSICAL DEMANDS The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to walk and talk or hear. The employee must regularly lift and/or move up to 10 pounds, frequently lift and/or move up to 25 pounds, and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include color vision, peripheral vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee occasionally works near moving mechanical parts. The noise level in the work environment is usually moderate. ([click here for more details](#))

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