



JOB DESCRIPTION

Job Title: Principal R&D Engineer
Department: Research & Development
FLSA Status: Exempt
Date: 11-13-09

Job Summary:

Oversees projects from conception to implementation. Defines product requirements, schedules projects, develops and refines designs, and determines tests required. Reviews patents to determine status.

Receives Direction From: Vice President, Operation and Product Development

Provides Direction To: R&D Engineers
Technicians

Examples of Essential Functions:

Designs, develops, and refines new products. Defines product requirements. Reviews existing patents to determine infringement status. Provides technical leadership for development projects. Schedules, coordinates and manages multiple projects. Assists in the transfer of newly developed products from R&D to production. Determines, outlines, and interprets tests to verify product integrity in the design phase.

Supervises and directs Engineers and Technicians in implementing designs, performing and documenting test results. Develops and maintains association with outside organizations and institutions pertinent to the interests and needs of the department and the Company.

Interfaces with physicians to understand specific needs and develops solutions. Identifies and coordinates animal studies.

QUALIFICATIONS GUIDELINES:

Education/Training/Experience:

Advanced degree in engineering or related field.
8-10yrs engineering experience in medical device field.

Knowledge/Skills/Abilities:

Basic reading and engineering level math

Reading and producing drawings

Equipment and tooling design

Supervisory and motivational skills

Excellent written and verbal communication skills

Computer literate; use of word processing, spreadsheets, Autocad

Materials and processes

Reading and interpreting patents

GMP and ISO 9000 training

Recognize problems and take corrective measures

Physical Requirements:

Standing, Sitting, Walking, Stairs, Light lifting, Manual dexterity

Direct exposure to health and safety hazards associated

with production materials and equipment

Computer operation

TRAINING REQUIREMENTS

Training relative to Company requirements and procedures and individual job duties will be provided as outlined on the attached Training Requirements form.

A training file containing documentation of all training received is maintained for each employee.