

## **JOB DESCRIPTION - APPLICATIONS ENGINEER**

POSITION:	Applications Engineer
LOCATION:	Main Plant Engineering Department
SHIFT:	Days
IMMEDIATE SUPERVISOR:	R. Gary Thomas
DATE OF ANNOUNCEMENT:	
APPLICATION DUE DATE:	
SHIFT SCHEDULE:	Monday – Friday (Approximately 45 hours per week)

This person will develop preliminary designs for custom engineered products to support the quotation process. This position helps to drive revenues for the company, and through individual ingenuity and accuracy, can help drive company profits.

### **DESCRIPTION OF ESSENTIAL FUNCTIONS OF JOB RESPONSIBILITIES:**

- Develop preliminary designs for custom engineered gearing and enclosed gear drives. Required tasks to accomplish this responsibility will include:
  - Review of application with the customer and/or salesman
  - Preliminary engineering/concept design work – gear capacity ratings, bearing selection, shafting and lube systems, etc.
  - Evaluation of existing gearboxes to help determine extent of upgrade required for replacement drive
  - Review product requirement with post- order design engineering to assure we accommodate customer expectations
- Develop cost estimates in conjunctions with Process Planning, Estimating and Purchasing as appropriate.
- Submit proposals to customers in conjunction with Sales & Service as appropriate.
- Assist with overall workload within Applications Engineering to meet customer needs and department schedules.

### **SKILLS/EXPERIENCE/TRAITS OF QUALIFIED CANDIDATES**

- B.S. Mechanical Engineering or B.S.M.E.T., with a minimum of 10 years experience in machine design.
- Strong written and verbal communication skills
- Experience in the mechanical drive/power transmission industry a plus
- Computer literate with MS Office applications. Design experience with Solid Works is a plus
- Knowledge/experience with metal machining and manufacturing processes
- Good time management skills, and capable of handling multiple priorities
- Good problem solving skills
- Can work well in a team environment
- Willing to travel to customer/user sites