

**Company: Dana Corporation (6627)**

**Position Title:** Engineer, Chief

**Location:** Kalamazoo, MI

**Profession:** Engineering - General

**Employment Type:** Full-Time Regular

**Education Required:** Bachelors Degree

**Experience Required:** More than 10 years

**Description/Requirements:**

**II. POSITION RESPONSIBILITIES**

Describe key responsibilities and deliverables that this position is accountable for. Indicate strategic vs. tactical focus. Please include percent of total time spent on each key responsibility, where applicable.

- Provides overall supervision of the Materials Engineering Group. Assigns areas of technical responsibility, provides technical direction, evaluates performance and provides for professional development.
- Develops Material Engineering budget.
- Directs Material and process development activities that provide for cost savings and/or product improvement. Manages material and process development activities with CORD-DC.
- Guides Product Engineering on selection of designs, materials and heat treatments to optimize part function and minimize cost.
- Works with Supply Chain Management, Quality & Engineering to qualify new suppliers and resolve material and process related problems with current suppliers.
- Reviews the technical capability of the Materials Engineering Group and implements needed training or lab improvements.
- Responsible for material, processing and heat treatment specifications that insure product standardization and uniform quality.
- Responsible for test and field metallurgical failure analysis of Dana submitted to met lab and recommends and assists in implementation of corrective actions when appropriate.
- Keep abreast with existing and emerging technologies and support utilization of technologies for cost savings or product performance improvements.

**III. KNOWLEDGE, SKILLS, EXPERIENCE**

Indicate the education level, previous experience, specific knowledge, skills and abilities required to meet the minimum entry-level requirements for this position. May include specialized skills, licenses, certifications, registrations necessary to accomplish essential job functions.

- Incumbent must possess significant experience in automotive design and development of new or improved products (minimum of 10 years experience in vehicle component engineering).
- Problem solving; major program management; personnel development; oral, written, and presentation skills.
- Strong engineering fundamentals are required, including math, physics, and strength of materials, kinematics and dynamics. (For chief engineers with responsibility for electrical or electronic components, strong knowledge of electronic components, circuit design, and electronic-mechanical interface is required.)
- Position requires an understanding of QS9000 and APQP requirements for project design and validation.
- BS in Engineering discipline relating to field of work.
- Extensive knowledge of ferrous metallurgy, heat treatment, and failure analysis of mechanical systems.
- Knowledge in the areas of gearing, mechanical engineering principles, statistics, steel making, aluminum metallurgy, manufacturing processes, casting metallurgy, and industry standards, such as SAE and ASTM.

**Additional Requirements:**

Excellent communication skills

**Please contact Cynthia Hopkins at Dana Corporation by emailing [cynthia.hopkins@dana.com](mailto:cynthia.hopkins@dana.com)**