

Job Title: Simulation Engineer

Position Summary:

Simulate formability and define a feasible process for production tooling of automotive vehicle components, assemblies, and systems from specifications, sketches, models, prototype or verbal instructions, and support quoting activities such as technical reviews by performing the following duties.

Essential Responsibilities:

- Simulations to determine process and tooling requirements
- Review and produce quote information, and validate material content
- Communicate design intent with all departments.
- Follow all step by step check list and documents.
- Maintain accurate files to maintain all tooling requirements and GNS Standards.
- Prepare and represent technical reviews internally and externally.
- Work with customers making product changes for feasible production tooling.
- Validate quotes and support sales with technical information.
- Simulation support for new tooling of progressive tools and hot stamp tools

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.

Education and Experience:

Bachelor degree in business, engineering or an equivalent combination of relevant education and/or experience
3+ years of experience in die design in auto industry
3+ years of experience in simulation and processing of automotive stampings

Job Knowledge, Skills and Abilities:

Knowledge: Excellent working knowledge of die simulation and die design; excellent knowledge of CAD system; Basic knowledge of press operation.

Skills: Excellent communication skills, both orally and in writing; Computer proficiency, including MSOffice, Outlook and Internet tools, must have database and spreadsheet experience.

Abilities: Excellent analytical abilities to grasp the key points from complicated details; Ability to define and solve problems; Ability to build strong teams

Physical Demands & Work Environment:

The characteristics described below are representative of those encountered while performing the essential functions of this position. Reasonable accommodations will be made to enable individuals with disabilities to perform the essential functions.

Physical Demands: While performing duties of this job, would occasionally be required to stand, walk, sit, reach with hands and arms, climb or balance, stoop or kneel, talk and hear, and use fingers and hands to feel objects, tools or controls. Must occasionally lift and/or move up to 40 pounds. Specific vision abilities required include close vision, distance vision, depth perceptions, and the ability to adjust focus. Overtime may be necessary as work load's dictate. This may include weekdays, weekends and/or holidays.

Work Environments: Job will generally be performed in an office environment, but may require travel to and visit a customer's facility and/or production facility. Job requires dealing calmly and effectively with high stress situations. The office area is adequately lighted, heated and ventilated. Employees may be subject to random drug and alcohol testing, pre-employment physical and background checks.