

**Autosplice, Inc.**  
**Job Description**

**Job Title:** Sr. Die Engineer  
**Department:** Advanced Manufacturing Engineering  
**Reports To:** Director of Manufacturing Engineering  
**Prepared By:** Vishnu Naidu / Mark Saunders  
**Prepared Date:** 08/19/2014  
**Approved By:** Stacy Annis  
**Approved Date:** 08/15/2016  
**FLSA Status:** Exempt  
**Job Code:**  
**Salary Grade:** 7

**SUMMARY**

Provide technical input and strategic direction for the design, debug and troubleshooting of precision stamping dies, die components, jigs, fixtures, gauges and other tooling, as necessary for the Autosplice Stamping facilities.

**ESSENTIAL DUTIES AND RESPONSIBILITIES**

- Proactively project manage die procurement process, in accordance with Autosplice New Product Introduction (NPI) process.
- Lead and oversee die debug process, and troubleshoot existing dies.
- Actively manage die qualification process, including data analysis and disposition.
- Represent the interests of die designers, die makers, production personnel, plant management and other stakeholders on program teams that are executing new product introductions.
- Mentor, train and coach other engineers and NPI program team members in relevant aspects of die development.
- Support APQP process in accordance with TS16949 and Company Quality procedures, and take responsibility for tooling elements of the procedures.
- Lead or participate in global stamping tooling initiatives, and assist other regions with regard to stamping tooling issues, as required.
- Work closely with Program Management to ensure on-time delivery of programs.
- Develop tooling proposals and estimates in support of costing initiatives.
- Other duties as assigned.

**QUALIFICATION REQUIREMENTS:**

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 qualified individuals with disabilities to perform the essential functions.

**EDUCATION and/or EXPERIENCE:**

BS in mechanical engineering and 5 to 7 years practical progressive die tooling design/construction techniques and process engineering experience with the same or similar products and/or technologies used by the company, 7 to 10 years practical progressive die tooling design/construction techniques and process experience with the non-similar products and/or technologies used by the company or the equivalent combination of education or experience.

**LANGUAGE SKILLS:**

Ability to read, analyze, and interpret engineering and statistical data. Ability to respond to inquiries or complaints from customers, regulatory agencies, or Autosplice employees. Ability to effectively present information to top management, public groups, and/or customer executives.

**MATHEMATICAL SKILLS:**

Ability to work with mathematical concepts such as plane and solid geometry and trigonometry. Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.

**OTHER SKILLS AND ABILITIES:**

- Electrical / electronic interconnect manufacturing experience preferred.
- Thorough knowledge of various metals and alloys related to progressive stamping technology required.
- Ability to read and comprehend technical drawings, solid models, and documentation.
- Ability to supervise technical personnel and tool room personnel in a fast-paced environment.

**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 accommodation may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to talk or hear. The employee is occasionally required to stand, walk, and sit. Employee will regularly work at a PC.

The employee must occasionally lift and/or move up to 50 pounds.

**WORK ENVIRONMENT:**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodation 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 quiet. Position may require travel to customer sites and other Autosplice locations.