**Job Description: First Article Technician**

**Department Designation: Quality Assurance**

**Immediate Supervisor: Quality Engineer**

**Job Summary / Responsibilities**

**This position is responsible for the development of inspection methodology on new projects as well as evaluation of existing production inspection methods using the current available technology and ensuring all quality staff is adequately trained. Will be monitored and mentored by the Quality Engineer.**

* **Develop and Execute First Article Inspections, Including measurement of parts to provide complete and accurate reports.**
* **Develop and Execute Capability Studies, as required to support the Project Team.**
* **Work closely with Quality Engineering to ensure a timely and efficient FAIR schedule and turnaround time.**
* **Develop CMM & Vision System programs to ensure accuracy of reporting and prepare them for long-term In-Process use.**
* **Interpret Blueprints and Engineering specifications, Including GD&T.**
* **Inspect sample parts, dimensionally and visually, according to the inspection plans already in place and communicate regularly with Process Engineer(s).**
* **Create / Update Inspection Plans as required.**
* **Support In-Process Inspectors with Receiving Inspection, Calibration and In-Process Inspection as needed.**
* **Develop and Implement Calibration of New Gages.**
* **Develop and Execute Special Projects as assigned by the Quality Engineer / Quality Manager.**
* **Other duties as assigned.**

**Qualifications:**

* **High School Diploma or Equivalent.**
* **Minimum five (5) years of experience in a similar capacity.**
* **Proficient in CMM and Vision System programming.**
* **Knowledgeable in the use of all inspection equipment.**
* **Able to Read and interpret blueprints, Including GD&T.**
* **Basic knowledge of SPC and control charting.**
* **Intermediate computer skills.**

**Additional Skills**

* **Must have good mathematical skills.**
* **Knowledge of both English and Metric systems.**
* **Excellent communication skills.**
* **Experience with Double Flank measuring devices (Roll Gages).**
* **Must be able to lift and move items as required.**

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First Article Technician Date Quality Engineer Date

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**1116 East Pine Street**

**St. Croix Falls, WI 54024**

**P: 715 – 483 – 1841**

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**www.tdimolding.com**

**Job Description**

**HR-AP-31**

**First Article Technician**

## *Examined, Accepted and Approved*

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 **Effective Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**