



## Metallurgist

US Drop Forge is seeking experienced individual for a Metallurgist. This position will be responsible for all technical issues related to forging, heat treating, quality assurance, product development, and process improvement efforts related to our steel forging applications in addition to our other alloy groups. Experience in Alloy Steel materials is required. Professional development and growth opportunities will accompany this position as well.

### The daily activities of this position are diverse but generally will include the following:

Troubleshooting and problem solving utilizing a scientific approach and shop involvement.

Developing, writing, instituting and executing manufacturing procedures for forging and heat treatment.

Develop recommendation for proprietary chemistries for various grades of steel to meet chemistry and mechanical properties required by various specifications.

Close involvement with the Quality Assurance Departments and purchasing on material specifications/requirements.

Witness and optimization of manufacturing process for end results.

Failure analysis and disposition of internally and externally rejected forging, including implementation of necessary corrective actions.

Correspondence and interaction with customers as required.

Research and development projects for process improvement and product development.

Review and develop new procedures and controls for heat treating ferrous and non-ferrous materials.

Use of solid works software packages.

Some travel as necessary

Knowledge of ASTM and material specifications

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Please send your resume or contact information to [sue@pennusa.com](mailto:sue@pennusa.com)