SOMERS FORGE LIMITED

**JOB SPECIFICATION**

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| **JOB TITLE:**  MetallurgistREPORTING TO: Technical/QA Manager  |

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| **DEPARTMENT:** Technical/Quality |
| **SUPERVISORY RESPONSIBILITY:** N/A |
| **JOB PURPOSE:**Provide technical guidance and support throughout the business.  |
| **MAIN DUTIES AND RESPONSIBILITIES:** **Principal*** Carry out technical contract reviews on new orders, including production of heat treatment and forging procedures.
* Provide technical support to customers, estimating/sales and production departments:
	+ Material selection for optimal properties
	+ Selection of heat treatment processes and parameters
	+ Provide technical training and support to forge/heat treatment personnel and assist with developing resources to aid estimating and production departments.
* Continuous improvement:
	+ Investigate mechanical test failures and devise remedial heat treatments
	+ Monitor failure trends and identify preventative actions
	+ Police forging and heat treatment operations to ensure standards and procedures are followed.
* Carry out metallography for routine testing and failure investigations
* Provide technical input in R&D activities

**Secondary** * Support/assist quality department with:
	+ Setting and achieving technical/quality objectives
	+ Investigating quality/non-conformance issues
	+ Reviewing SOP’s to ensure they are in line with current best practice
	+ Customer and third-party audits (e.g. BSI)
* Work and adhere to HSE and Environment guidelines on site
* To perform such duties as generally correspond to the nature of the position and its level of responsibility as requested by test house or QA managers.
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| **PRINCIPAL ACCOUNTABILITIES:*** Achieve 95% first time pass rate mechanical tests & Brinell hardness
* 100% adherence to customer, national and international standards
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| **RELATIONSHIPS:**1. One direct report in metallurgy department
2. All areas of business
3. Customers
4. Auditing authorities
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| **ADDITIONAL INFORMATION:*** A firm understanding of metallurgical concepts is necessary however on-the-job training can be provided to develop any skills required.
* A materials engineering/metallurgical qualification (e.g. HNC or degree) or previous experience of forging/heat treatment is preferred.
* Metallography preparation and analysis advantageous
* Familiarity with BS EN 9100 Quality Management System
* Flexibility in working hours may be required at times to cover working patterns
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