



SOMERS FORGE LIMITED

JOB SPECIFICATION

JOB TITLE: Process Metallurgist

REPORTING TO: Technical Manager

DEPARTMENT: Technical

SUPERVISORY RESPONSIBILITY: None

MAIN DUTIES AND RESPONSIBILITIES:

- Process Control Forge & Heat Treatment
 - Investigate mechanical test failures and produce rework plans
 - Monitor failure trends and identify preventative actions
 - Police forging and heat treatment operations to ensure standards and procedures are followed.
- Perform technical contract reviews, including creation 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.
- Carry out metallography for routine testing and failure investigations
- Provide technical input in R&D activities
- Work and adhere to HSE and Environment guidelines on site
- Support/assist quality department with:
 - Investigating quality/non-conformance issues
 - Reviewing SOPs to ensure they are in line with current best practice
 - Customer and third-party audits

RELATIONSHIPS:

Responsibility to make and maintain good professional working relationships with all staff and key stakeholders at all times.

ADDITIONAL INFORMATION:

Qualifications:

A materials engineering/metallurgical qualification or equivalent (e.g., HNC or degree) and previous experience of forging/heat treatment is preferred.

A firm understanding of metallurgical concepts is necessary however on-the-job training can be provided to develop any skills required.

Metallographic preparation and analysis advantageous

Familiarity with BS EN 9100 Quality Management System

Experience within ferrous based manufacturing industry preferred

Good attention to detail

Able to follow procedures and adhere to site HSE rules

APPROVALS

Role Holder: _____

Date: _____

Manager: _____

Date: _____