

Instrumentation Technician

JOB DESCRIPTION

JOB TITLE	Instrumentation Technician	LOCATION	Derby
REPORTING TO	Senior Instrumentation Technician	VERSION #	1.5
COMPANY	Rotadata Limited	DATE	15/06/2016

ROLE OBJECTIVES

- Assembly, instrumentation, test, overhaul and on site commissioning and installation of a wide range of precision components and products, predominantly but not limited to the aerospace and turbo-machinery industries.

DUTIES & RESPONSIBILITIES

- Assemble a wide range of products including but not limited to rakes, probes, blade tip timing boxes, pyrometer actuators and telemetry units – following customer specifications and engineering drawings.
- Bench fitting to assemble rig components and accessories.
- Working accurately with exotic materials, utilising appropriate techniques such as welding, brazing, soldering, bonding, potting and thermal spraying.
- High and low temperature strain gauge application.
- Produce and Install Thermocouples.
- Assist in fault finding, problem solving, data integrity checks, spin tests at ambient and raised temperatures.
- Complete fault finding reports and job repair estimates.
- Calibration and testing of finished products.
- Providing off-site customer support including installation, commissioning and calibration of new products and previously installed systems.
- Assisting Production Engineers with compiling BOM's and other planning documentation when required.
- Working to tight tolerances.
- Ensuring that work meets cost, quality and technical guidelines.
- To provide mentoring and guidance to junior team members, and be willing to undertake further training as required to meet the needs of the business.
- To undertake day to day maintenance of equipment and working area, ensuring a clean and safe working environment is maintained at all times.
- To be able and willing to operate basic machinery on occasions.
- Multi-tasking capabilities, utilising the latest technologies and processes.
- Prepared to contribute with overtime needs as the business dictates.
- Adhere to company Health and Safety standards.
- To carry out any reasonable additional duties as requested by management.

QUALIFICATION/EDUCATION

- Time served recognised Mechanical Engineering Apprenticeship (desirable)
- Experience of working within a precision engineering/manufacturing environment (desirable)

KNOWLEDGE & SKILLS

- Able to interpret precise engineering drawings and tolerances
- Strong team skills and ability to work unsupervised
- Able to work to timescales and deadlines
- Excellent hand-eye coordination
- To have initiative on design and problem solving
- Ability to work proactively, with a positive approach to issue resolution
- Willingness to travel domestically and internationally on occasions
- Keen to learn new skills and develop new processes

To meet the needs of the business the following training may be required to be undertaken:

- Welding
- Brazing
- Soldering
- Ceramic cement application
- Thermal spraying
- Strain Gauge application
- Forklift Licence
- First Aid at Work
- Fire Marshall Training
- Gantry crane/lifting training
- Training on any new machines installed and new techniques/processes