

Job Description

Job Title: Electro Mechanical Servo Engineer
Position: Hourly paid
Working Hours: 40 per week
Responsible to: General Manager
Location: Trafford Park / Manchester

Section 1 - Qualifications

- Thorough knowledge of servo motors and associated gearboxes
- Knowledge of servo motors and gearboxes operation and repair techniques
- Qualification by experience or HND level
- Proven organisational skills
- Proven interpersonal skills
- Enthusiastic ability
- Understanding of modern repair techniques
- Driving License

Section 2 - Job Summary

Not all of the Job Summary requirements will be expected from all engineers it is an objective

- Dismantle, assess, and determine reason for failure of servo motors and gearboxes
- Test and measure individual components
- Measuring/assessing wear, damage etc
- Produce a scope of work for repair
- Reassemble
- Static, dynamic and load testing
- Set up feedback devices

Section 3 - Key Tasks

- Working on site and within a workshop environment
- Static and dynamic testing
- Diagnosing reasons for failure

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- Measuring wear using Micrometers, verniers, depth gauges etc
- Measuring electrical diagnostics i.e. voltage, current, resistance etc
- Dismantling and assembly techniques
- A knowledge of 'limits & fits'
- Removal and fitting of precision components
- Machining of components
- Reclamation techniques
- Knowledge of vibration and balance
- Knowledge of motors, gearboxes and their characteristics

Section 4 - Other Requirements

Motivation:

This position calls for a highly committed, determined and well-motivated person who is willing to work long hours often at short notice.

Flexibility & Adaptability:

The position calls for the person to adapt not only to the Company, Service and Quality Policies, but also its culture.

An ability to adapt to new or redefined arrangement, skills and working circumstances is also required.