



QUALITY ENGINEER

**INTERESTING ENGINEERING JOBS IN
THE NORTH EAST**

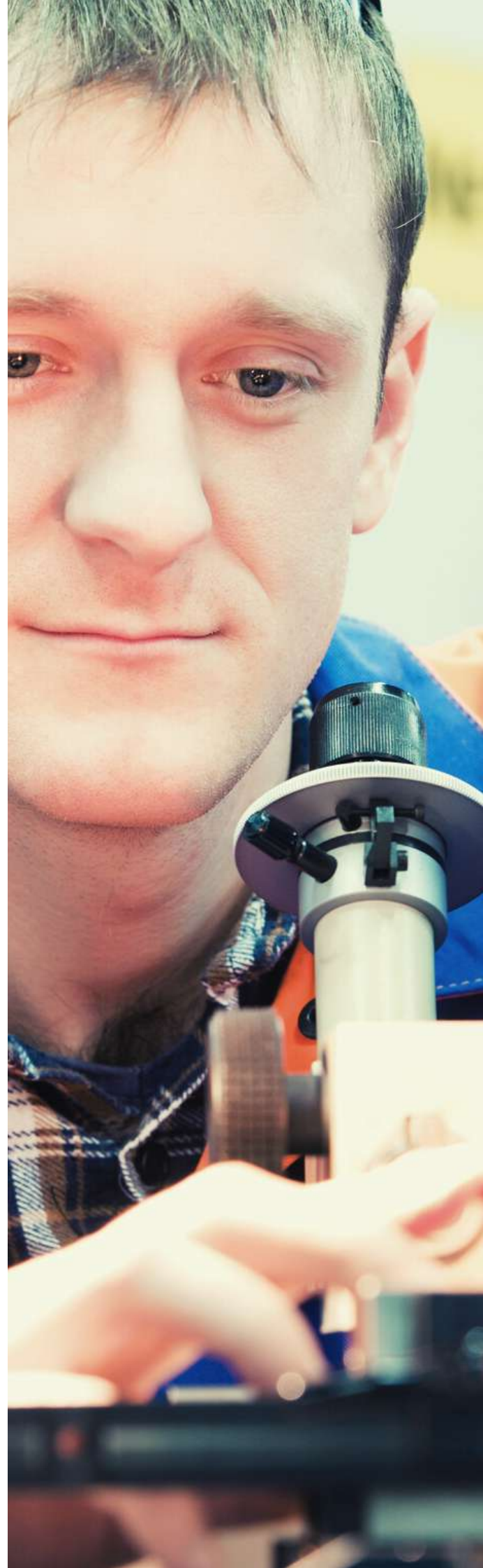
QUALITY ENGINEER

OVERVIEW

The overall aim of a quality engineer is to maintain the quality of a final product by following quality management procedures of a manufacturing process. They ensure the final products are safe and meet customers expectations and requirements while maintaining the efficiency and cost-effectiveness of the entire manufacturing process. Quality engineers typically work alongside design teams, suppliers, manufacturing teams and customers. Some of the tasks involved in this job include creating documentation and quality procedures, devising quality tests and defining the testing criteria and standards for the product to meet.

REGIONAL PRESENCE

The region is home to many companies from various sectors that all require the skills of a quality engineer. Manufacturing companies in the region will all require quality engineers to help increase the efficiency of their processes and production line to help keep produce good on time and within budget. This industry is particularly well known and companies in the region are really excelling with some innovative processes - all of which would have involved the work of quality engineer! There is ample opportunity for quality engineers in the region and as companies grow in their respective industry, they will expand their teams and hire new staff - there are always jobs available for skilled quality engineers!



SKILLS REQUIRED

Some skills you'd need to excel in this role include:

Communication

You'll need to communicate with a variety of people, so being able to speak, listen and write about the ideas and the project is vital.

Mathematics

This job requires a good understanding of engineering principles and mathematics will be used on a regular basis to calculate costs, so being competent in maths is key.

Analytical and critical thinking

You'll need to be able to identify and solve any issues that arise, so being confident in making decisions to solve issues is key.

Detail orientated and Methodical

You'll need to work in a logical order and have a keen eye to stop and prevent any potential errors from occurring along the way.

EDUCATIONAL ROUTES

To gain a job as a quality engineer you'll need a degree in engineering - A foundation degree or an apprenticeship is also enough education to get you on this career path too. Some jobs will require higher level degrees like an undergraduate or postgraduate degree, some of which allow you to specialise in quality. Once you've completed your studies and gain the necessary industrial experience, you can then gain chartered status if you wish. Colleges in the region such as Newcastle, offer various apprenticeships. Universities in the region like Newcastle and Durham, offer fantastic courses in engineering.

FOR MORE INFORMATION

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