



Manufacturing and Engineering

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17% of jobs in Hull and East Yorkshire are in Manufacturing and Engineering

Manufacturing is the production of goods through the conversion of raw materials, parts or components into a finished product, ready for sale. Technology and automation are playing an increasingly important role in manufacturing, ensuring high volumes and consistent quality of products can be achieved.

Engineering is the design and construction of structures such as roads or bridges, and the operation and maintenance of machinery. It is one of the broadest sectors, with many different specialist areas, such as aerospace, automotive, control and instrumentation, electrical, materials, mechanical, process and rail.

Did You Know?

- There are around 44,500 jobs with companies in the manufacturing and engineering sector in Hull and East Yorkshire, making it the largest.
- In our region, the sector employs more than double the number of jobs than the average for Great Britain – 17% compared to 8%.
- There are around 5,825 more jobs working for businesses in this sector in Hull and East Yorkshire than in 2015, the highest increase of any sector and up by 15%.
- Since 2010, the percentage of females working in engineering in the UK has increased from 10.5% to 16.5%,

but we still need many more females to join the sector.

Will there be opportunities available?

- Between January and March 2023, 83% of businesses in the manufacturing sector in the UK reported difficulties in recruiting staff.
- 49% of engineering businesses in the UK are experiencing difficulties finding workers with the skills they need.
- The manufacturing sector is struggling to fill 72,000 vacancies in the UK, costing the UK £7bn in lost economic output.
- Siemens Mobility's new train manufacturing facility and rail village in Goole will create up to 700 direct engineering and manufacturing jobs

| Job Title | National Average Salary |
|--------------------------------|-------------------------|
| Bench Joiner | £17,000 to £38,000 |
| Maintenance Fitter | £23,000 to £38,000 |
| Process Operative | £17,000 to £24,000 |
| Manufacturing Systems Engineer | £20,000 to £48,000 |
| Materials Engineer | £20,000 to £45,000 |
| Production Manager | £24,000 to £65,000 |
| Purchasing Manager | £30,000 to £60,000 |
| Quality Assurance Manager | £23,000 to £55,000 |

and around 1,700 indirect jobs when it opens.

Skills/qualities

- Communication
- Teamwork
- Problem solving
- Attention to detail
- Reliable
- Time management
- Decision making
- Technology

Useful subjects include

- Maths
- Engineering
- Science

Some local employers

- www.baesystems.com
- www.cranswick.plc.uk
- www.croda.com
- www.guardianglass.com
- www.howdens.com
- www.reckitt.com
- www.siemensgamesa.com
- www.mobility.siemens.com/uk/en.html
- www.smith-nephew.com

Good to Know: A lot of exciting jobs in the manufacturing and engineering sector offering a good salary require a science, technology, engineering or maths (STEM) background.

Sources: BRES, DfE, EngineeringUK, British Chamber of Commerce, IET, Make UK, National Careers Service.

For information... www.skillshullandeastyorkshire.co.uk www.logonmoveon.co.uk www.makeuk.org
www.greenporthull.co.uk/jobs-training/women-into-manufacturing-and-engineering <https://nationalcareers.service.gov.uk/>

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The information presented is accurate at the time of publication.

- skills.hullandeastyorkshire@eastriding.gov.uk
- @SkillsHullandEastYorkshire
- @skills_haey
- @skillshullandeastyorkshire
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