

Manufacturing jobs and skills

Manufacturing jobs involve changing (chemically or physically) raw materials, substances or components into new products. They are often known as 'production jobs'. There are opportunities in many career areas at all levels. Examples of places you could work include:

- Chemical plants
- Laboratories
- Printing works
- Textile mills
- Machinist workshops
- Factory production lines
- Offices

You could work within a number of different career areas including the manufacture of:

- **Basic metals**
- **Chemicals and chemical products**
- **Computer and electronic products**
- **Electrical equipment**
- **Food and drink**
- **Furniture**
- **Machinery and equipment**
- **Motor vehicles**
- **Pharmaceutical products**
- **Rubber and plastic products**
- **Textiles and clothing**

Progression example

Electrical food and drink engineer (L5)

Food and drink advanced engineer (L6)

Food and drink technical operator (L3)

Progress with advanced manufacturing processes mean that future growth areas could include:

Research and innovation



Sustainable manufacturing



Robotics and artificial intelligence



Industrial digitalisation



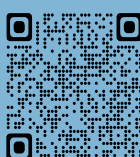
DID YOU KNOW?

There are also non-manufacturing roles in manufacturing organisations such as:

- Accountant
- Admin assistant
- E-commerce manager
- Health and safety adviser
- Logistics manager
- Sales manager

Apprenticeship examples







| | |
|---|----------------|
| Furniture manufacturer | Level 2 |
| Lean manufacturing operative | Level 2 |
| Battery manufacturing technician | Level 3 |
| Science manufacturing technician | Level 3 |
| Process leader | Level 4 |
| Materials science technologist - degree | Level 6 |
| Advanced robotics engineer | Level 7 |



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Jobs in demand

| | |
|---|--|
|  Manufacturing machine operator 840 |  Quality control systems mgr 250 |
|  Production worker 360 |  Quality inspector/technician 240 |
|  Welder/solderer 260 |  Production supervisor 210 |

* Rounded Number of online job postings, June 2023-May 2024, Hull and East Riding of Yorkshire.

Some employers in the area



Recruitment agencies also advertise for manufacturing jobs.

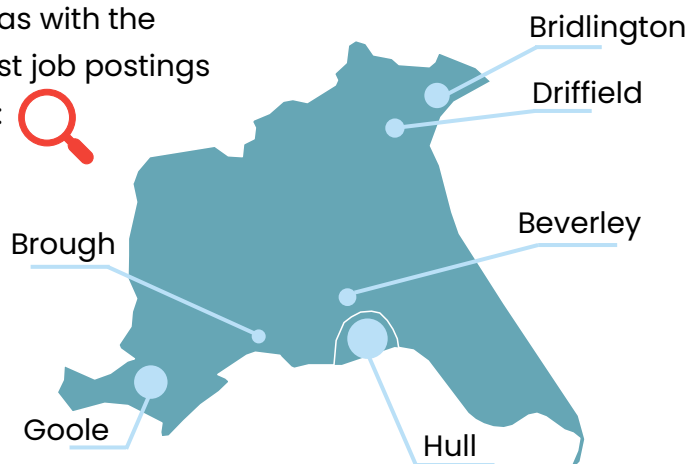
Skills in demand

Common skills in demand in manufacturing and production over the last 12 months include:

| | |
|--|---|
|  Communication |  Operations |
|  Attention to detail |  Problem solving |
|  Management |  Quality control |

Where most jobs are advertised

Areas with the most job postings are:



Note: Areas with the most job postings

For further information visit:



tastycareers.org.uk/



[www.makeuk.org/
future-makers](https://www.makeuk.org/future-makers)

THE MANUFACTURER

www.themanufacturer.com/

Sources: ONS, onsdigital.github.io/dp-classification-tools/standard-industrial-classification/data/SICmetadata.html?sic=Cxxxx, site accessed 10/06/2024 / Institute for Apprenticeships and Technical Education (website accessed 10/06/2024) / UK Research and Innovation, www.ukri.org/news/hubs-launched-to-create-a-sustainable-future-for-manufacturing, site accessed 10/06/2024 / GOV.UK, www.gov.uk/government/news/billions-of-investment-for-british-manufacturing-to-boost-economic-growth, site accessed 10/06/2024, Lightcast, Online job postings, Hull and East Yorkshire, Manufacturing and Production career area, June 2023-May 2024, (data accessed 10/06/2024)