



APPRENTICESHIP TRAINING:

Lean Manufacturing Operative Level 2

Understand lean manufacturing processes to streamline workplace productivity, and gain the skills to carry out safe work with the exacting quality standards demanded in a fast paced and efficient processing environment.



NTG
TRAINING

Course Overview



The Lean Manufacturing Operative Apprenticeship is designed for new or established employees with roles such as manufacturing or production operatives, logistics and material handling operatives, and quality and inspection operatives.

The course will give employees the skills required to apply lean manufacturing methodology such as the kaizen method, in order to streamline processes and increase efficiency. Learners will also gain a complete working knowledge of safe working practices, how to operate machinery and tools to supplier standards, and how to ensure the safe disposal of waste in line with environmental systems and regulatory requirements.

Upon completion of the course, learners will have a good working knowledge of:

- How to prepare, control, contribute and complete manufacturing operations.
- Manufacturing processes and standard operating procedures.
- Safe working policies and the correct and appropriate use of PPE.
- The 5Ss to ensure the safe disposal of waste in line with environmental systems and regulatory requirements.
- The correct use of equipment, tools and machinery.
- Continuous improvement practices, including the Kaizen method, lean principles, and problem solving.
- Completing thorough quality checks.

This is a 12-month apprenticeship programme that gives your employees the confidence, skills, knowledge and behaviours to deliver lean manufacturing processes.

The programme is delivered during normal working hours and training can be flexible to meet the needs of your organisation. We use a blend of online, webinar and practical sessions, and the apprentice will receive regular 1-1 sessions and support from their tutor.

What does the Apprenticeship cover?

These are the personal attributes and behaviours expected of all lean manufacturing operatives carrying out their roles:

- Reliable, punctual and responsible.
- Respectful with consideration for equality and diversity.
- Positive attitude to the working environment.
- Ability to work on their own initiative and within a team.
- Ability to produce a high quality of work, even when under pressure.
- Honest and good at communicating with colleagues.
- A confident communicator and open to the opinions of others.
- Positive and respectful.
- Open to following instructions and has a good eye for detail.
- Has a continuous improvement mentality.

This Apprenticeship will develop your employees' knowledge, skills and behaviours in the following areas:

- **Health and Safety:** Learners will understand how to work safely at all times, including identifying risks, working to supplier standards, using PPE correctly and managing COSHH.
- **Environmental:** Learners will understand how to comply to environmental standards and procedures.
- **Production:** Learners will be able to demonstrate their ability to carry out their role effectively, efficiently and flexibly maintaining lean manufacturing principles to meet customer's demands.
- **Lean Manufacturing Operations:** Learners will be able to demonstrate their skill and knowledge following SOPs and building their versatility across a number of processes and process areas.
- **Select and use appropriate tools,** equipment and materials to carry out the manufacturing operation.
- **Quality Control:** Learners will be able to demonstrate appropriate process documentation control.
- **Problem Solving:** Learners will gain the confidence and knowledge to identify and resolve problems within the lean manufacturing environment.
- **Continuous Improvement:** Learners will be encouraged to produce ideas and contribute to process improvement activities, individually or as part of a team through fact finding and analysis to improve the safety, environment, quality, cost or production process. Identifying and eliminating the 7 wastes (defects, over production, transportation, waiting, inventory, motion and processing) .
- **Communication:** Learners will gain the skills to confidently communicate through oral, written or electronic means to effectively share information.
- **Work Place Organisation:** Learners will understand how to maintain and monitor the work site efficiently and effectively at all times using the elements of sifting, sorting, sweeping, spick & span (5's) within the leanmanufacturing environment.

Entry Requirements

- 16 years of age or older
- Work ready
- Interested in developing a career in manufacturing.

What qualifications will you get?

Level 2 Diploma in Manufacturing (Knowledge & Skills)

End Point Assessment

The end-point assessment of the Lean Manufacturing Operative Apprenticeship will include an observation with questions and answers, assessing all knowledge and skills elements in their job role, and a professional discussion using a wide range of evidence collected from their portfolio.

Each assessment is weighted 50/50 and will be graded as a pass, merit or distinction

Develop your manufacturing operatives

We offer a complimentary consultancy service to ensure we find the best qualification for you and your business. Contact us to discuss this opportunity further.

info@ntgtraining.co.uk @

www.ntgtraining.co.uk

01244 678100

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