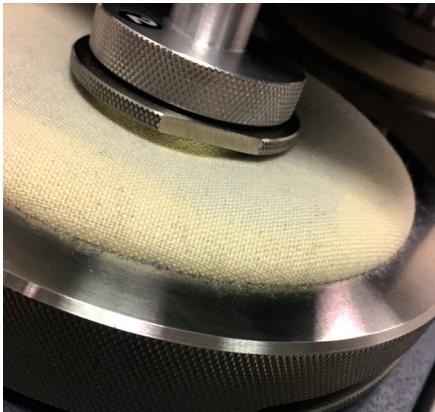
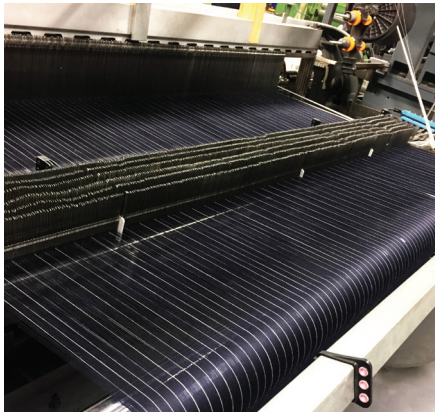


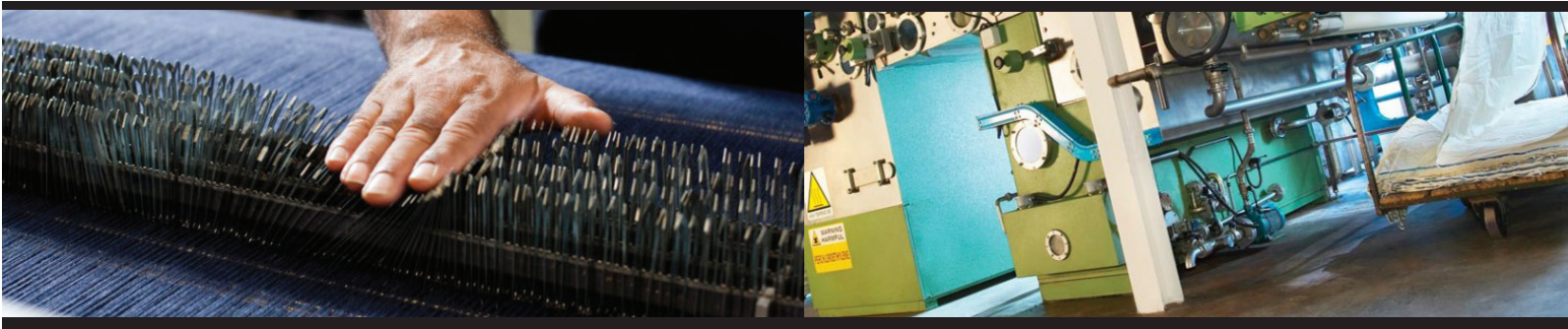
The Textile Manufacturing Operative programme covers the following areas of the textile manufacturing process:

Understand the Industry <ul style="list-style-type: none">Sector history, heritage and the economyIndustrial mechanisationTextile manufacturing processesAdvancements in innovation and technology	Supply Chain/ Customer Base <ul style="list-style-type: none">Basics of the supply chainGoods and servicesCustomer experienceMulti-skilling the workforce
Health, Safety & Welfare (Legislation) <ul style="list-style-type: none">Safety legislation in textile manufacturingSafety processes and safety management.Effective risk assessment and hazard identification	Textiles Machinery <ul style="list-style-type: none">Textile machine maintenance that affects performance.Fault conditions and levels of responsibility.When and how to seek specialist technical advice.
Raw Materials <ul style="list-style-type: none">Raw materials associated with textile productionFibre growth and processing (fibre-yarn-fabric)	Environment <ul style="list-style-type: none">Environmental impact of textile manufacturingThe ISO 14001 regulations.The importance of waste reduction and recycling.
Quality Standards <ul style="list-style-type: none">Quality standards & quality of product.Standard and non-standard quality testingTextile specific quality standards & measurements	Textile Manufacturing Techniques <ul style="list-style-type: none">Materials/Equipment used in textile manufacturing.How mechanisation worksInterpret documentation, specifications, tolerances, measurements, appearances and routines.
Interpersonal Skills <ul style="list-style-type: none">Develop working relationships in a manufacturing environment.Effective communication skills with colleaguesIdentify improvements and interact confidently to ensure that production is achieved.	Textile Machinery Operations <ul style="list-style-type: none">Set up/feed/programme/monitor machine gauges, dials & indicators, ensuring product monitoringRecording productionCleaning, oiling and lubrication based on the requirements of their own machinery responsibility.
Textile Manufacturing Maintenance <ul style="list-style-type: none">Perform maintenance to ensure efficiency.Ensure speed, feed, calculations and material flows are monitored and reported appropriately.	Collaboration & Adaptability <ul style="list-style-type: none">Changing priorities flexible workingWork effectively with others in a team
Interpret Data & Instructions <ul style="list-style-type: none">Read and interpret data including job documentation and appropriate work instructions.Precision, focus, ownership & responsibility.	Time Management: <ul style="list-style-type: none">Efficient and effective use of time at shift changeover and during machinery downtime/changeoversManage time to meet business priorities.
Customer Care <ul style="list-style-type: none">Face to Face / Telephone / E-mailSocial Media / Internal CustomersUnderstanding expectations of customers.	Core Behaviours <ul style="list-style-type: none">Ownership & ResponsibilityMind-setCommunication and service to Customers



TEXTILE MANUFACTURING OPERATIVE APPRENTICESHIP PROGRAMME (LEVEL 2)

The new apprenticeship standard for textile manufacturing employees.



What's New?

The Textile Manufacturing Operative apprenticeship standard has been specifically designed by the industry's leading businesses and supported by the sector's Livery companies to provide the next generation of textile employees with the skills they need in textile production and manufacturing. The programme covers the main requirements of working in textile production and includes elements of off-the-job learning, blended with on-the-job practical learning.

Who is this programme aimed at?

The course is ideal for learners who are new to textiles, such as recruits from school or college as well as existing employees who have had little or no formal textile training. The programme is aimed at machine/task operator job roles such as Carder, Spinner, Twister, Weaver, Winder, Creeler, Warper, Dyer or Finisher and will teach the basic principles of textiles, from understanding raw fibres, through to finished materials.

How long does it take to complete?

This apprenticeship is a level 2 programme and will take a minimum of 12 months to complete.

When does it start?

Programmes run throughout the year and dates will be published on the Centre's website. Enrolment points will be circulated at various times throughout the year. Typically, programme enrolment will be twice per year, in September and April.

What can learners progress onto?

This apprenticeship will allow learners to progress onto the new Level 4 'Technical' apprenticeships, where appropriate. Technical apprenticeships are available in a variety of occupational roles, including weaving, dyeing, colouration, finishing, laboratory science, engineering and leadership/management. Further details are available from the Centre.

How do I book my staff onto this course?

It's really simple, contact the Centre and ask for Lee Harrison, Head of Training Operations.

What are the entry criteria?

There is a requirement to have (or work towards) appropriate levels of English and Maths. Typically, employers will look to recruit learners that already hold GCSE grades A-C in English & Maths. Where new or existing learners do not hold the appropriate qualifications, they will be required to undertake them on the programme. There are no other formal entry criteria, as all textile related input is taught on the job and through the programme.

How is the programme structured/assessed?

Learners will attend knowledge sessions throughout the programme and will develop practical skills on-the-job. By working closely with their team, their supervisor/mentor and with their Tutor/Assessor, they will work towards an ‘end point assessment’, where they will be tested against industry criteria for competence. The programme is divided into 4 elements:

1) Knowledge Modules

Learners undertake classroom based knowledge sessions at the Centre of Excellence over a fixed period of time. This provides learners with the understanding of fibres, yarns and fabrics throughout the whole of the textile supply chain.

2) On-Programme Assessment

Assessment happens in the workplace. Every month, the Centre’s Tutor/Assessor will visit your learners and formally review their progress against agreed targets and milestones. These sessions will be engaging and thought-provoking for learners, steering them towards self-directed learning, gathering evidence, trying new things, using equipment, practicing a skill or a task and gradually working towards beoming occupationally competent.

3) Portfolio of Evidence

During the 12 months on-programme, learners will gather information that helps to demonstrate their competence. This will form the basis of a portfolio, used to supplement and reinforce their learning. The portfolio will be used as a reference guide after the apprenticeship – where learners can refer to their portfolio for guidance and for checking processes and techniques. In addition to the portfolio, learners may use photos, videos, diaries, logs, case studies, checklists etc, to support their ongoing learning.

4) End Point Assessment (EPA)

The end point assessment takes place when all the other tasks are complete and the learner is ready to take their textile manufacturing ‘exam’. The end point assessment includes:

- The Knowledge Test (KT)
- The Practical Skills Assessment & Discussion (PSAD)

The end test is graded, either **fail, pass or distinction**. Learners must pass the Knowledge Test before going on to the practical test on an appropriate piece of machinery/equipment in their occupation (i.e. a warping mill, a loom, a dye vessel and so on). Employers must sign a declaration to say their employee is ready for the end point assessment.

Once achieved, learners will be formally recognised as a competent ‘Textile Manufacturing Operative’.

The Classroom Sessions

Session	Course Content (all sessions start at 9.00am and finish at 4.00pm)
1	Welcome, introduction, registration, background, history, heritage, and manufacturing.
2	Health, safety, welfare and legislation in textile manufacturing (Qualsafe).
3	The textile supply chain, goods, procurement and customers and effective working relationships.
4	Understanding fibres, yarns and fabrics - Session A (fibre classification).
5	Understanding fibres, yarns and fabrics - Session B (fibre practical and testing).
6	Fibre revision, mock testing and analysis.
7	Understanding textile processes (scouring, blending, carding, spinning, twisting & winding).
8	Quality systems - standards of performance, measuring and analysing quality.
9	Understanding textile processes: (warping, weaving, mending, finishing and inspection).
10	Understanding textile processes: (nonwoven, carpet, dyeing and finishing).
11	AM: Environmental impact of textiles. PM: Mock exams, gateway prep (tests and trials).
ADVANCE TO END POINT ASSESMENT - GATEWAY OPENS (Opens an 8 week EPA window)	
STAGE ONE ASSESSMENT Knowledge Test (KT)	STAGE TWO ASSESSMENT Practical Skills & Assessment Discussion (PSAD)
Learners are required to undertake a multiple choice knowledge test on textile manufacturing as outlined in the EPA Plan. The test lasts for a maximum of one hour (under exam conditions). The test must be completed before progressing to stage 2. Pass: 60%. Distinction: 80%.	Learners are required to undertake a practical demonstration using appropriate textile machinery to demonstrate their knowledge, skills and competences in their field, as outlines in the EPA Plan. Scenarios will be provided to learners prior to the PSAD and questions will be asked to test knowledge while observing skills.

Funding (Levy/Non-Levy)

The Funding Band for this programme is £4,000.

Levy paying employers

If you’re an employer with a pay bill over £3 million each year, you must pay the apprenticeship levy from 6 April 2017. You will use this to fund the apprenticeship.

Employers who don’t pay the levy

Non-levy paying employers will share the cost of training and assessing their apprentices with government - this is called ‘co-investment’. You will pay 10% towards to the cost of apprenticeship training and the government will pay the rest (90%), up to the funding band maximum.

Eligibility

You can recruit new employees for this apprenticeship programme, providing they do not have a degree or equivalent in the same subject area. Existing employees are also eligible for the programme (same rules apply).