

Integrated strategy Initiative for Strengthening the supply of APPrenticeships in TEXtile sector

TEXAPP

TASK	3.1 – Standard for competences of SMEs - HDTTC
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Prepared by:	HDTTC
Contributors:	Bill Macbeth Ian Macmillan
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Textile Manufacturing Operative: Standard

Occupational Profile:

A textile manufacturing operative is someone who is employed within the textile manufacturing industry and works in an occupation (job role) where they are required to use specific machinery to produce textiles. Typically, this includes Bale Opening, Scouring, Carding, Spinning, Twisting, Winding, Beaming, Warping, Knitting and other roles at the basic/introductory level of the textile manufacturing. These individuals are known as 'operatives' by the sector and would typically report to a Technician, Supervisor or Line Manager. The key responsibility for a Textile Manufacturing Operative is to ensure the consistency of textile production in an industrial environment.

Entry Requirements:

Employers will specify entry requirements. Typically, individuals would be expected to hold English and Maths at GCSE grades C or above.

KNOWLEDGE: <i>(through formal learning and applied according to the business environment)</i>	
Understand the Industry:	Individuals must know and understand the textile manufacturing sector, the history and the importance that textile manufacturing has on the economy. Individuals must know how the industry started, how mechanisation has changed production and have a basic working knowledge of the manufacturing processes that take raw fibres through to a finished product.
Supply Chain / Customer Base:	Individuals must understand the basics of the supply chain, how goods and services arrive at the business and where they go to after being manufactured. Individuals must understand the importance of a positive customer experience.
Health, Safety & Welfare (Legislation):	Individuals must know about how the Health & Safety at Work Act is implemented and the legislation applicable to textile manufacturers including safety processes, safety management, effective risk assessment and hazard identification.
Raw Materials:	Individuals must know and understand the raw materials associated with textile production, from raw fibre processing to completed product. Knowledge of fibre growth, mechanised processing (fibre-yarn-fabric) and end production is required.
Quality Standards:	Individuals must know and understand the quality standards associated with textile manufacturing and production including the process for checking the quality of a manufactured textile product including the difference between standard and non-standard quality testing and be able to read and interpret specifications and test results.
Textile Manufacturing Techniques:	Individuals must know and understand the materials and equipment used to manufacture textile products, understand how manufacturing works in a mechanised environment based on production size and complexity. This will include interpreting job cards, tickets and understanding and interpreting product specifications, tolerance, appearance and production sequencing.
Basic Textile Maintenance:	Individuals must know the basic maintenance routines that affect textile manufacturing performance including routines such as machine setting, checking, repairing and understand where specialist technical advice is required.

Environment:

Individuals must understand the environmental impact of textile manufacturing and understand how manufacturing operations can be adapted to reduce environment impact.

SKILLS (<i>acquired and demonstrated through continuous professional development</i>)	
Interpersonal Skills:	Able to develop working relationships in a team, demonstrate good listening skills, effective communication skills, identify improvements and interact confidently.
Communication:	Able to use appropriate communication techniques including verbal and non-verbal communication to ensure understanding and reduce communication barriers between colleagues.
Textile Machinery Operations:	Able to set up, feed, programme, thread and monitor machine gauges, dials and indicators including stacking, doffing, conveying, packing, replacing broken ends, alignment and monitoring, recording production, cleaning, oiling and lubricating equipment.
Textile Manufacturing Techniques:	Able to characterise common materials for textile production and use mechanised/automated machinery to create textile products.
Textile Manufacturing Maintenance:	Able to perform routine maintenance to ensure the efficiency of machinery meets production expectations. Ensure speed, feed, calculations and material flows are monitored and reported appropriately.
Production Planning & Scheduling:	Able to read and interpret data from production records, specifications, data management, process planning meetings including job cards, tickets, work instructions.
Collaboration & Adaptability:	Able to accept changing priorities and work flexibly to meet company requirements. Work effectively with others in a team whilst maintaining effective working relationships.
Time Management:	Able to ensure efficient and effective use of time. Manage time to meet business priorities.
BEHAVIOURS (<i>developed and exhibited in the workplace</i>)	
Ownership & Responsibility:	Takes ownership of the role. Recognises the value of the role within the organisation and the value of the role others perform. Demonstrate the drive needed to achieve in all aspects of work.
Mindset:	Individuals must adopt the right 'mind-set' for work within textile manufacturing, recognising the importance of growth, ambition, attitude, dedication and hard work.
Customer Service & Communication	Demonstrate patience, calmness and vigilance when dealing with customers. Be able to communicate effectively with colleagues and customers.
Safety Culture:	Exhibit behaviour that demonstrates recognition of safe working practices appropriate to the manufacturing environment. Be able to identify and articulate safety findings and improvements to colleagues.
ADDITIONAL INFORMATION	
<u>Duration</u>	12 to 18 months (minimum timescale 12 months).
<u>Review</u>	After 3 years