

SSTRR05 Textile Remanufacturing Operator

Disclaimer

These Occupational Frameworks and Skill Profiles have been developed as workforce planning, occupational mapping and skills reference resources for the Australian textile, clothing and footwear (TCF) industry. They are intended to describe the typical functions, responsibilities, skills and capabilities associated with occupations across the industry.

These documents are not intended to replace or override industrial instruments or employment arrangements, including awards, enterprise agreements, employment contracts, position descriptions, classification structures, licensing or regulatory requirements, or other statutory obligations. Where differences arise, the relevant industrial, legislative or regulatory requirements take precedence. The Skill Profiles should be used as complementary reference documents to support workforce planning, career development, training and skills recognition.

1. Job role

TCF sub-sector	Textile Recycling and Remanufacturing
Functional area	Recycling and Remanufacturing Operations
Job role	SSTRR05 Textile Remanufacturing Operator
Job role description	Manufactures new products from recycled or recovered textile materials. Operates production equipment and undertakes fabrication, assembly, finishing and quality inspection activities to produce commercially viable products from recycled materials. This role is identified as a core occupation within the Textile Remanufacturing function in the national occupational structure. It is responsible for transforming recycled, recovered and reclaimed textile materials into finished products such as nonwoven products, insulation materials, acoustic products, composite materials and other remanufactured textile goods. The role involves preparing materials, operating manufacturing equipment, monitoring production parameters and undertaking fabrication, assembly, finishing and quality inspection to ensure products meet quality, customer and sustainability requirements. The position works closely with textile recycling operators, quality assurance personnel, maintenance technicians and supervisors to ensure efficient production, minimal waste and high-quality finished products aligned with circular economy objectives.
Performance expectations	• Operating remanufacturing equipment safely and efficiently. • Producing finished products that meet quality and specification requirements. • Maintaining production efficiency and minimising waste. • Monitoring machine performance and adjusting settings as required. • Maintaining product quality and consistency. • Maintaining accurate production and batch records. • Following WHS and environmental procedures. • Supporting continuous improvement in remanufacturing processes.

Specialisation	Textile remanufacturing, product fabrication, nonwoven manufacturing, composite materials production, assembly and finishing.
Application in other TCF sectors	Waste management, plastics recycling, paper recycling, nonwoven manufacturing, composite materials production.

2. Key tasks and critical work functions

Key tasks	• Preparing recycled and recovered textile materials for manufacture. • Operating remanufacturing and production equipment. • Fabricating and assembling products from recycled materials. • Monitoring production parameters and adjusting equipment settings. • Inspecting products for quality and specification compliance. • Performing finishing activities. • Performing basic equipment cleaning and maintenance. • Recording production and batch traceability information. • Following operational, safety and environmental procedures.
Critical work functions	• Manufacturing finished products that meet customer and quality requirements. • Maintaining product consistency and performance. • Minimising production waste. • Ensuring safe operation of manufacturing equipment. • Maintaining traceability of materials and finished products. • Supporting efficient production workflows. • Contributing to circular economy outcomes.

3. Technical skills

Machine operation	Operating remanufacturing and production equipment.
Material handling	Preparing and handling recycled and recovered textile materials.
Process control	Monitoring and adjusting manufacturing parameters.
Product quality assessment	Inspecting finished products against quality specifications.
Equipment maintenance	Performing cleaning and minor maintenance tasks.
Data recording	Maintaining production and traceability records.
Quality awareness	Understanding product specifications and customer requirements.
Safety practices	Applying WHS procedures for machinery operation.

4. Generic Skills

Attention to detail	Ensuring fibre quality and process consistency.
Observation skills	Monitoring equipment performance and product quality.

Communication	Working with team members and supervisors.
Problem solving	Identifying and resolving production issues.
Teamwork	Supporting integrated remanufacturing operations.
Time management	Maintaining throughput and production targets.
Adaptability	Responding to varied material inputs.
Reliability	Maintaining consistent operational performance.

5. Emerging skills

Emerging skills	- Automation and digital manufacturing systems. - Advanced remanufacturing technologies. - Digital process monitoring and data analytics. - Sustainable manufacturing methods. - Advanced nonwoven and composite manufacturing. - Circular economy optimisation and material traceability systems.
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6. VET Qualifications and Skill Sets

Entry-level preparation	MSM20216 Certificate II in Manufacturing Technology or equivalent.
Advanced development	MSA30208 Certificate III in Manufacturing Technology or equivalent.

7. Job progression

Possible job progression	Production Assistant → Textile Remanufacturing Operator → Senior Operator → Textile Remanufacturing Team Leader → Production Manager.
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8. Classification

Australian Qualifications Framework	Level 2.
Australian Bureau of Statistics (ABS) Skill Levels	Skill Level 4.
Open Source Classification of Occupations for Australia (OSCA)	731432 Textile or Footwear Production Machine Operator.



Skills Insight is a Jobs and Skills Council funded by the Australian Government Department of Employment and Workplace Relations.