

SSCAR004 Creel Loader

1. Job role

TCF sub-sector	Carpet and Textile Floor Covering Manufacturing
Functional area	Carpet Manufacturing Operations
Job role	SSCAR004 Creel Loader
Job role description	Prepares and loads yarn packages onto creel systems that supply tufting machines, ensuring continuous and consistent yarn feed during carpet production. In Australia's carpet manufacturing industry, the Creel Loader plays a critical support role in tufting operations by ensuring that yarn is correctly loaded, threaded and maintained across large creel frames. The role directly impacts machine efficiency, product quality and production continuity. The Creel Loader works closely with tufting operators and yarn preparation functions, maintaining yarn supply, preventing breaks and ensuring correct yarn types and colours are used in accordance with production specifications.
Performance expectations	• Ensuring correct yarn is loaded according to production requirements • Maintaining continuous yarn supply to tufting machines • Minimising yarn breaks, tangles and feed issues • Loading creels safely and efficiently • Maintaining accurate yarn identification and traceability • Supporting uninterrupted production flow • Following WHS and manual handling procedures • Keeping work areas clean and organised
Specialisation	High-capacity creel systems, colour sequencing for patterned carpets, automated creel loading systems
Application in other sectors	• Textile manufacturing yarn preparation roles • Synthetic turf production • Industrial textile production • Apparel and fabric production environments • Any process requiring continuous yarn feed systems

2. Key tasks and critical work functions

Key tasks	• Loading yarn packages onto creel frames • Threading yarn through guides and tension devices • Checking yarn types, colours and batch details • Monitoring yarn feed during operation • Replacing empty or faulty yarn packages • Identifying and resolving yarn feed issues • Maintaining yarn storage and handling areas • Recording yarn usage and issues
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Critical work functions	• Ensuring continuous yarn supply to tufting machines • Preventing yarn breaks and production interruptions • Maintaining correct yarn sequencing and identification • Supporting efficient machine operation and productivity • Minimising material waste and handling damage • Ensuring safe manual handling of yarn packages • Maintaining coordination with tufting operations
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3. Technical skills

Creel loading	Loading yarn packages onto creel systems
Yarn threading	Threading yarn through guides and tension systems
Material identification	Identifying yarn types, colours and specifications
Yarn handling	Handling yarn packages to prevent damage
Process monitoring	Monitoring yarn feed and detecting issues
Basic troubleshooting	Resolving yarn breaks and feed problems
Manual handling	Safely lifting and positioning yarn packages
Production documentation	Recording yarn usage and issues

4. Generic Skills

Attention to detail	Ensuring correct yarn selection and setup
Problem solving	Responding to yarn feed issues
Time management	Maintaining supply to avoid downtime
Physical capability	Handling yarn packages safely
Communication	Coordinating with tufting operators
Teamwork	Working within production teams
Safety awareness	Applying WHS and manual handling practices

5. Emerging skills

Emerging skills	• Automated creel loading systems • Digital yarn tracking and inventory systems • Integration with production control systems • Use of lightweight and sustainable yarn materials • Data-driven monitoring of yarn performance • Improved ergonomic handling systems
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6. VET Qualifications and Skill Sets

Entry-level preparation	MSM20116 Certificate II in Process Manufacturing or equivalent
Advanced development	MSM30116 Certificate III in Process Manufacturing or equivalent

7. Job progression

Possible job progression	Production Assistant → Creel Loader → Production Operator - Tufting → Senior Operator → Team Leader
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8. Classification

Australian Qualifications Framework	Level 2
Australian Bureau of Statistics (ABS) Skill Levels	Skill Level 5
Open Source Classification of Occupations for Australia (OSCA)	Textile Production Worker - Yarn Preparation / Creel Loading



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