

SSCAR19 Synthetic Turf Maintenance Technician

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	Carpet and Textile Floor Covering Manufacturing
Functional area	Artificial Grass [Synthetic Turf] Design, Manufacturing and Installation
Job role	SSCAR19 Synthetic Turf Maintenance Technician
Job role description	Maintains and services installed synthetic turf systems to ensure ongoing performance, safety and durability in sports, commercial and recreational environments. In the synthetic turf sector, the Synthetic Turf Maintenance Technician is responsible for inspecting, cleaning, repairing and restoring turf surfaces in accordance with industry standards and manufacturer specifications. This includes maintaining infill levels, surface integrity, drainage performance and playability characteristics. The role supports asset longevity and compliance with performance standards (e.g. FIFA, World Rugby, local standards) and works closely with facility managers, installers and testing technicians to ensure surfaces remain safe and fit for purpose.
Performance expectations	• Maintaining turf surfaces to required performance and safety standards. • Conducting regular inspections and maintenance activities. • Restoring infill levels and surface consistency. • Identifying and repairing defects and damage. • Ensuring compliance with relevant sports and safety standards. • Minimising surface degradation and extending asset life. • Maintaining accurate maintenance records and reports. • Following WHS and environmental procedures.
Specialisation	Sports field maintenance, infill management, surface rejuvenation, seam repair, compliance-based maintenance programs.
Application in other sectors	• Sports facility maintenance. • Landscaping and grounds maintenance.

	• Facilities management. • Civil and infrastructure maintenance. • Surface and flooring maintenance industries.
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2. Key tasks and critical work functions

Key tasks	• Inspecting turf surfaces for wear, damage and performance issues. • Brushing and grooming turf fibres. • Measuring and replenishing infill levels. • Cleaning debris and contaminants from surfaces. • Repairing seams, edges and damaged areas. • Conducting minor surface restoration works. • Recording maintenance activities and findings. • Coordinating with facility managers and service providers.
Critical work functions	• Maintaining safe and compliant playing surfaces. • Preserving surface performance characteristics. • Preventing long-term damage and degradation. • Supporting asset lifecycle management. • Ensuring consistency across maintenance activities. • Responding to issues proactively. • Maintaining accurate documentation and traceability.

3. Technical skills

Surface inspection	Assessing turf condition and identifying issues.
Maintenance techniques	Brushing, grooming and cleaning turf.
Infill management	Measuring and replenishing infill materials.
Repair techniques	Fixing seams, edges and damaged areas.
Equipment operation	Using maintenance machinery and tools.
Standards compliance	Applying sports surface maintenance standards.
Data recording	Documenting maintenance activities and outcomes.
Preventative maintenance	Planning and executing maintenance schedules.

4. Generic Skills

Attention to detail	Ensuring thorough inspection and maintenance.
Problem solving	Addressing surface issues and defects.
Physical capability	Performing manual maintenance tasks.
Communication	Working with facility managers and teams.
Time management	Scheduling and completing maintenance tasks.
Teamwork	Working within maintenance teams.
Safety awareness	Applying WHS and environmental practices.

5. Emerging skills

Emerging skills	• Smart turf monitoring systems and sensors. • Data-driven maintenance scheduling. • Sustainable infill materials and recycling practices. • Advanced maintenance equipment and automation. • Integration with digital asset management systems. • Predictive maintenance analytics.
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6. VET Qualifications and Skill Sets

Entry-level preparation	AHC21621 Certificate II in Landscaping or equivalent.
Advanced development	AHC31324 Certificate III in Sports Turf Management or equivalent in landscaping or civil construction.

7. Job progression

Possible job progression	Grounds Assistant → Maintenance Technician → SSCAR19 Synthetic Turf Maintenance Technician → Senior Technician → Facility Manager / Operations Manager.
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8. Classification

Australian Qualifications Framework	Level 2-4.
Australian Bureau of Statistics (ABS) Skill Levels	Skill Level 4.
Open Source Classification of Occupations for Australia (OSCA)	332111 – Floor Finisher.



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