

SSCAR18 Synthetic Turf Installer

1. Job role

TCF sub-sector	Carpet and Textile Floor Covering Manufacturing
Functional area	Artificial Grass [Synthetic Turf] Design, Manufacturing and Installation
Job role	SSCAR18 Synthetic Turf Installer
Job role description	Installs synthetic turf systems for sports, landscaping and commercial applications, ensuring surfaces meet performance, safety and durability requirements. In the synthetic turf sector, the Synthetic Turf Installer is responsible for preparing sites, laying turf, installing infill and ensuring correct system construction according to specifications and standards. The role bridges manufacturing and end-use application, ensuring that products perform as intended in real-world environments. The installer works with construction teams, project managers and clients to deliver high-quality installations aligned with project requirements and relevant standards.
Performance expectations	• Installing turf systems to specification and quality standards • Ensuring correct base preparation and drainage • Achieving accurate turf alignment and seam joining • Maintaining surface performance and safety requirements • Minimising installation defects and rework • Operating tools and equipment safely • Meeting project timelines and client expectations • Following WHS and site procedures
Specialisation	Sports field installation, landscaping turf, shockpad installation, seam joining, infill application
Application in other sectors	• Landscaping and construction • Sports facility development • Civil infrastructure projects • Flooring and surface installation industries • Outdoor recreation and leisure environments

2. Key tasks and critical work functions

Key tasks	• Preparing ground surfaces and base layers • Installing drainage and sub-base systems • Laying and aligning synthetic turf rolls • Cutting and joining seams • Applying infill materials • Securing turf edges and fixtures • Inspecting finished installations • Maintaining tools and equipment
Critical work functions	• Ensuring correct system installation and alignment

	• Maintaining surface safety and performance • Preventing installation defects and uneven surfaces • Supporting durability and longevity of installations • Ensuring compliance with project specifications • Maintaining efficient and safe site operations • Delivering quality outcomes for clients
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3. Technical skills

Site preparation	Preparing ground and base layers
Turf installation	Laying and aligning turf materials
Seam joining	Cutting and joining turf sections
Infill application	Applying sand or rubber infill
Tool operation	Using installation tools and equipment
Measurement and alignment	Ensuring accurate layout and dimensions
Quality inspection	Checking installation quality and finish
Documentation	Recording installation details and reports

4. Generic Skills

Attention to detail	Ensuring precise installation
Problem solving	Addressing site and installation issues
Physical capability	Performing manual installation tasks
Communication	Working with teams and clients
Time management	Meeting project deadlines
Teamwork	Working on installation crews
Safety awareness	Applying WHS on construction sites

5. Emerging skills

Emerging skills	• Advanced installation techniques and machinery • Sustainable and recyclable turf systems • Smart surfaces with embedded sensors • Digital project management tools • Improved ergonomic and safety practices • Integration with high-performance sports standards
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6. VET Qualifications and Skill Sets

Entry-level preparation	AHC21621 Certificate II in Landscaping or equivalent
Advanced development	AHC30916 Certificate III in Landscape Construction or equivalent

7. Job progression

Possible job progression	Labourer → Installer → Synthetic Turf Installer → Senior Installer → Site Supervisor → Project 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)	Construction Worker / Surface Installer - Synthetic Turf



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