

Hockey is a team-based sport where players use hockey sticks to propel a small ball at high speeds with aim of directing the ball into the netted goals. The team with the highest number of goals at the end of the time period wins. To facilitate the speed of the game, high level fixtures are played on level synthetic surfaces.

HIERARCHY						
Element	State		Regional	Local - Category A	Local - Category B	Notes
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Hockey Queensland Hierarchy	Super League, Opens and Level 2 (State Champ U18+)		Level 3 – (State Champs U13 to 15) and Level 5 (regional competition)	-	-	
Total Site Area	5 ha		4 ha	2 ha	1 ha	
PLAYING AREA						
Orientation	Playing fields should ideally be developed with a north-south orientation to avoid players having to look into the sun.			E	Refer to Notes	NE Recommended north-south orientation, with an optimum orientation of 15° east of north. Limits are between 45° west of north and 45° east of north.
No. and size of playing areas	2 synthetic pitches (min. 1 water-based, other may be hybrid) plus 3 grass pitches	E	Min. 1 synthetic pitch (water based or hybrid) plus 3 grass pitches	E	Min. 2 pitches (1 synthetic hybrid desirable)	E Min. 5,000m <sup>2</sup> of lit grassed space for multipurpose use Senior Field: 91.4m x 55.0m Hockey 5's court: 48.0m x 31.7m Junior Field (up to U10): 65 to 75m length x 40 to 45m width Access to separate training area or pitch on the same site as the main pitch is required for overflow training and pre-game warm up.
Coaches boxes				-		No separate structure required.
Player interchange benches	5m long x 1.2m wide (Accommodate 8 people)			E	Temporary seating suitable	E Permanent, heavy duty, vandal resistant structures that have three fixed sides to provide shelter and UV protection, form part of the boundary fence and seat club officials and interchange players. Ideally the facilities should not impede viewing of the ground and have side panels and back panels to allow for ventilation. Metal bench seating should be fixed within the shelter on a concrete pad.
Goals	Portable. 3.66m wide x 1.2m deep.					E Portable goals provide for flexible spaces, including hiring out to other activities.

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Interchange steward/ umpires/ officials box	Covered technical benches with seating for 4 officials		E	Covered or uncovered technical benches with seating for 4 officials	NE	-		Seating for temporarily suspended players must be provided adjacent to the technical bench.	
Playing area fencing	Min. 1.2m high chainmesh fencing, with 7m high safety netting behind goals				E	Refer to Notes	NE	Height of fence to suit local conditions and likelihood of damage to persons and/or property from stray balls travelling at high speeds. Ambulance access directly to the field of play is essential.	
Playing area surfaces	Synthetic surfaces may be water-based or Federation of International Hockey (FIH) approved hybrid.		E	Grass playing fields, may be synthetic	E	Grass area	E	Synthetic surfaces shall be a single uniform green, single uniform blue or other FIH approved colour, with run-off and colour. Wintergreen couch is the recommended turf for grass playing areas.	
Playing area drainage	Gradients: Longitudinal - <0.2% (preferred), 1.0% (maximum) Lateral - <0.4% (preferred), 1.0% (maximum)				E	Flat to single cross-fall 1% max. gradient, swale drains on perimeter of total playing area	NE	Profile may be single cross-fall (sideways, lengthways or diagonal) or turtle back design, however, the latter must not adversely affect ball movement, for participant safety.	
Playing area marking	All lines shall be 75mm wide in white or yellow colour, permanent yarn in synthetic fields or paint line marked on grass.				E	75mm wide white lines painted	NE	Growth retardant may be mixed with the paint to lengthen the life of the application. Herbicides or oils must not be used, as these will kill the grass.	
Playing area perimeter/ run-off	End of field: Min. 3.0m, prefer 5.0m Side of field: Min. 2.0m, prefer 3.0m						E	Minimum run-offs suitable for Hockey 5's court.	
Scoreboard, including clock	Electronic	CR	Electronic	CR	-		To be positioned for optimal visibility for spectators and players and, if includes LED, consider the impact of afternoon sun on readability.		
LED sports lighting (average minimum lux)	Min. 300 lux	E	Min. 250 lux	E	Min. 250 lux	E	Min. 250 lux. Nil if daytime use only	E	To comply with AS2560.2.7:1994 Guide to Sports Lighting – Specific Recommendations - Outdoor Hockey
Irrigation	Sprinklers in line across the field and additional sprinklers around the outside and corners of the fields			Sprinklers in line across the field			E	Irrigation of the playing area must be provided to ensure continued growth of the turf. An automatic watering system is required. The preferred controller is Toro Custom Command Series and the preferred rotors are Toro T-7 Series stainless steel. Refer to Recommended Sport Field Construction Specifications for Logan City. Water is applied to synthetic grass prior to matches to reduce the friction between the surface and players and to increase the speed of the ball.	
SURROUNDS									
Storage (grounds maintenance)	22.5m <sup>2</sup>				E	22.5m <sup>2</sup> if responsible for maintenance	E	Size dependent on the equipment required to maintain the playing surfaces. Grass surfaces require mowers and line markers, synthetic surfaces may require grooming and sanitisation equipment	

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Storage (playing equipment)	22.5m <sup>2</sup> with shelving for team gear			E		Included in clubhouse	May be included in the clubhouse. If multi-using fields, may require secure storage for portable goals (7.5m x 3m bay).	
Siren	Fixed		E	Fixed, only if playing matches	E	Portable	E	
Spectator seating	Grandstand or tiered seating for 200 persons on main field, bench seating or area for foldable chairs for 50 persons for other fields	NE	Bench seats or tiered seating for 100 persons on main field, bench seating or area for foldable chairs for 50 persons for other fields	NE	Bench seating or area for foldable chairs for 50 persons per field	NE	-	Grandstand or tiered seating, bench seating is preferred with some covered.

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