

Please Note: These Preferred Facility Standards should be read in conjunction with the Specifications towards the end of this document. Competition, practice and training areas are outdoors unless otherwise stated.

## Tier 1 International

Facility Standard Requirements	Dressage (Olympics, World Equestrian Games)	Jumping (Olympics, World Equestrian Games)	Eventing (Olympics, World Equestrian Games)	Driving (World Equestrian Games)	Vaulting (World Equestrian Games)	Show Horse
Competition Area/s	Min 100mx80m (8,000m <sup>2</sup> ) within a stadium	Min 100mx80m (8,000m <sup>2</sup> ) within a stadium	Min 100mx80m (8,000m <sup>2</sup> ) within a stadium for dressage or jumping Cross country 6,270m-6,840m long (10-15m wide track) 40-45 obstacles with water and over undulating ground, primarily turf	Min 120mx70m (8,400m <sup>2</sup> ) within a stadium Allows for driven dressage and obstacle/cones driving (allows for dressage arena 100mx40m plus an extra 10m either side and 20m at the entry end at A)	Championships competition circle min 26m diameter Indoor arena, the height to the ceiling must be at least 5m The public must be at least 15m away from the centre of the vaulting circle <a href="#">See FEI Vaulting rules</a>	N/A
Practice / Training Area/s	Min 2,000m <sup>2</sup> with competition surface	Min 2,000m <sup>2</sup> with competition surface	Dressage/jumping min 2,000m <sup>2</sup> with competition surface Cross country training area min 6,000m <sup>2</sup> Gallop track 800-1,000m	Min 100mx100m (10,000m <sup>2</sup> ), (practice dressage arena 100mx40m provided and set of cones for practicing obstacle driving) Large area, either a circuit or an area of roads or tracks, at least 5km of tracks is advisable	1 practice arena is compulsory to be as the competition arena Min 3 indoor circles with min 18m diameter Min 1 suitable area for riding near the competition/practice arenas (available during the times that Vaulting arenas are open to athletes for practice and warm-up)	N/A
Surface	All-weather sand based equestrian artificial footing	All-weather sand based equestrian artificial footing	All-weather sand based equestrian artificial footing for Dressage/jumping arena Primarily turf undulating track with water obstacles for cross country	All-weather sand based equestrian artificial footing for Dressage/Cones (surface must be specific for Driving requirements) Primarily turf undulating track with water obstacle for Marathon	All-weather sand based equestrian artificial footing	N/A
Lunging Area	Min 3 round yards	Min 3 round yards	Min 3 round yards	Min 3 round yards	Designated safe area for min 3 circles (min 18m diameter)	N/A
Admin / Officials / Scoring Rooms	Extensive administration facilities	Extensive administration facilities	Extensive administration facilities	Extensive administration facilities	Extensive administration facilities	N/A
Competitors	Olympics - 60 athletes and 60 horses WEG - 70+ athletes and 70+ horses WEG para - 60+ athletes and 60+ horses	Olympics - 75 athletes and 75 horses WEG - 100+ athletes and 100+ horses	Olympics - 65 athletes and 65 horses WEG - 70+ athletes and 70+ horses	WEG - 15+ teams and 90+ horses	WEG - 50+ athletes and 20+ horses	N/A
Spectators	20,000+	20,000+	20,000+	20,000+	20,000+	N/A
Lighting / Sound / Media	Min 1,000 lux lighting and sound system suitable for broadcasting	Min 1,000 lux lighting and sound suitable for broadcasting	Min 1,000 lux lighting and sound suitable for broadcasting	Min 1,000 lux lighting and sound suitable for broadcasting	Min 1,000 lux lighting and sound suitable for broadcasting	N/A
Horse Inspection / Holding Areas	Inspection strip min 50m long (firm level surface), 2m wide Horse inspection holding box and practice strip Veterinary clinic and min 6 treatment boxes	Inspection strip min 50m long (firm level surface), 2m wide Horse inspection holding box and practice strip Veterinary clinic and min 6 treatment boxes	Inspection strip min 50m long (firm level surface), 2m wide Horse inspection holding box and practice strip Veterinary clinic and min 6 treatment boxes	Inspection strip min 50m long (firm level surface), 2m wide Horse inspection holding box and practice strip Veterinary clinic and min 6 treatment boxes	Inspection strip min 50m long (firm level surface), 2m wide Horse inspection holding box and practice strip Veterinary clinic and min 6 treatment boxes	N/A
Stabling / Yards	60+ stables Min 4 stables for isolation Min 4 stables for medication control (swabbing) Min 2 horse space for farrier	75+ stables Min 4 stables for isolation Min 4 stables for medication control (swabbing) Min 2 horse space for farrier	65+ stables Min 4 stables for isolation Min 4 stables for medication control (swabbing) Min 2 horse space for farrier	90+ stables 1 additional stable for use by athletes as harness room - 1 per team of horses, 1 per two pairs and 1 per three singles (preferable size 9m2) Min 4 stables for isolation Min 4 stables for medication control (swabbing) Min 2 horse space for farrier	20+ stables Min 4 stables for isolation Min 4 stables for medication control (swabbing) Min 2 horse space for farrier	N/A
Camping	Required + grooms' accommodation	Required + grooms' accommodation	Required + grooms' accommodation	Required + grooms' accommodation	Required + grooms' accommodation	N/A
Water	Min 1 tap/20 horses within stable complex 1 wash bay per 30 horses, each bay min 12m <sup>2</sup> Irrigation	Min 1 tap/20 horses within stable complex 1 wash bay per 30 horses, each bay min 12m <sup>2</sup> Irrigation	Min 1 tap/20 horses within stable complex 1 wash bay per 30 horses, each bay min 12m <sup>2</sup> Irrigation	Min 1 tap/20 horses within stable complex 1 wash bay per 30 horses, each bay min 12m <sup>2</sup> Irrigation	Min 1 tap/20 horses within stable complex 1 wash bay per 30 horses, each bay min 12m <sup>2</sup> Irrigation	N/A

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## Tier 2 National

Facility Standard Requirements	Dressage (National Championships, CDI)	Jumping (International, FEI World Cup Qualifiers, National Championships)	Eventing (CCI3* - CCI5*, National Championships)	Driving (National Championships, FEI World Cup Qualifiers, CAI3*, CAIO)	Vaulting (National Championships, CV1*, CV2*)	Show Horse (National Championships)
Competition Area/s	Indoor dressage stadium preferred min 80m x 40m (3,200m <sup>2</sup> ) and multiple outdoor dressage arenas 1 dressage arena/max 60 competitor tests/day	Indoor min 1,200m <sup>2</sup> with short side min 25m Outdoor min 4,000m <sup>2</sup> 1 jumping arena/max 200 competitor rounds/day	1 dressage arena/max 40 competitors/day 1 jumping arena/max 150 competitor rounds/day 2 - 3 jumping arenas - (main jumping arena min 5,000m <sup>2</sup> with short side of min 60m and additional jumping arenas min 4,000m <sup>2</sup> with short side of 50m) Cross country up to 7,000m long undulating terrain with water jump	Min 120m x 70m (8,400m <sup>2</sup> ) to allow for driven dressage and obstacle/cones Allows for driven dressage arena plus an extra 10m either side and 20m at the entry end at A Marathon - CAIO4* 11.8km—18.5km, CAI3* 11.8km-18.5km	Min 18m diameter In the case of a competition held indoors the height to the ceiling must be at least 5m	Indoor stadium Ring size 60m x 30m (1,800m <sup>2</sup> ) Spectators separated by a fence at least 10m, preferably 15m from the competition ring
Practice / Training Area/s	Min 60m x 20m (1,200m <sup>2</sup> ) or similar m <sup>2</sup> size area per competition arena with competition surface	Min 2,000m <sup>2</sup> per competition arena with competition surface	Dressage min 60m x 20m (1,200m <sup>2</sup> ) per competition arena with competition surface Jumping min 40m x 50m (2,000m <sup>2</sup> ) per competition arena with competition surface Cross country training area min 6,000m <sup>2</sup>	Min 100m x 100m (10,000m <sup>2</sup> ), practice driven dressage arena provided, set of cones for practicing obstacle/cones Large area either a circuit or an area of roads or tracks, at least 5km of tracks is advisable	1 practice circle is compulsory with the same specs as the competition arena and 3 additional practice circles min 18m diameter For championships, min 3 indoor circles with min 18m diameter If the competition takes place indoors the possibility for practicing indoors must be available to all athletes Min 1 suitable area for riding, near the competition/practice arenas (available during the times that vaulting arenas are open to athletes for practice and warm-up)	Min 80m x 40m or min 3,000m <sup>2</sup>
Surface	All-weather sand based equestrian artificial footing	All-weather sand based equestrian artificial footing or highly maintained turf	All-weather sand based equestrian artificial footing for dressage and show jumping competition areas Cross country highly maintained turf	Highly maintained turf or all-weather sand based equestrian artificial footing (surface must be specific to Driving requirements) Primarily turf undulating track with water obstacle for marathon	All-weather sand based equestrian artificial footing Indoor preferred	All-weather sand based equestrian artificial footing
Lunging Area	Min 2 round yards and designated safe lunging area	Min 1 round yard and designated safe lunging area	Min 1 round yard and designated safe lunging area	Min 1 round yard and designated safe lunging area	Designated safe area for min 3 circles (min 19m diameter)	Min 1 round yard and designated safe lunging area diameter
Admin / Office Rooms	Multiple administration facilities required for admin, press, scoring and officials	Multiple administration facilities required for admin, press, scoring and officials	Multiple administration facilities required for admin, press, scoring and officials	Multiple administration facilities required for admin, press, scoring and officials	Multiple administration facilities required for admin, press, scoring and officials	Multiple administration facilities required for admin, press, scoring and officials
Competitors	200-400	200-400	200-400	50-100	100-150	100-200
Spectators	500-2,000	500-2,000	500-2,000	100-300	200-500	200-500
Lighting / Sound	Min 500 lux lighting and extensive sound system	Extensive sound system	Extensive system	Extensive sound system	Min 500 lux lighting and extensive sound system	Min 500 lux lighting and extensive sound system
Horse Inspection / Holding Areas	Required	Required	Required	Required	Required	Required Measuring bay
Stabling / Yards	200-500 stables Min 2 for isolation Min 2 for medication control (swabbing)	200-500 stables Min 2 for isolation Min 2 for medication control (swabbing)	200-500 stables Min 2 for isolation Min 2 for medication control (swabbing)	50-200 stables Harness rooms Min 1 for isolation Min 1 for medication control (swabbing)	30-60 stables Min 1 for isolation Min 1 for medication control (swabbing)	100-300 stables Min 2 for isolation Min 2 for medication control (swabbing)
Camping	130+ camp sites required Electricity and water available, toilet/shower facilities Self-catering and laundry facilities	Required Electricity and drinking water available, toilet/shower facilities	Required Electricity and drinking water available, toilet/shower facilities	Required Driving - 25m x 18m (450m <sup>2</sup> ) per athlete Electricity and drinking water available, toilet/shower facilities	Required Electricity and drinking water available, toilet/shower facilities	Required Electricity and drinking water available, toilet/shower facilities
Water	Min 1 tap/20 horses Min 1 wash bay/60 horses Irrigation	Min 1 tap/20 horses Min 1 wash bay/60 horses Irrigation	Min 1 tap/20 horses Min 1 wash bay/60 horses Irrigation	Min 1 tap/20 horses Min 1 wash bay/60 horses Irrigation	Min 1 tap/20 horses Min 1 wash bay/60 horses Irrigation	Min 1 tap/20 horses Min 1 wash bay/60 horses Irrigation

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## Tier 3 State

Facility Standard Requirements	Dressage (Competitive Advanced – Grand Prix, 1* and 2* Championships, State Championships)	Jumping (Royal Agricultural Show, State Championships)	Eventing (EVA45 - CCN3*, State Championships)	Driving (State Championships)	Vaulting (Official Competitions, State Championships)	Show Horse (HOTY)
Competition Area/s	1 dressage arena/max 60 competitor tests/day	Indoor min 1,200m <sup>2</sup> with short side min 25m Outdoor min 4,000m <sup>2</sup> with short side min 50m  1 jumping arena/max 200 competitor rounds/day	1 dressage arena/max 40 competitors/day  1 jumping arena/max 150 competitor rounds/day  Jumping min 4,000m <sup>2</sup> with short side min 50m  Cross country course 650m-3,575m	Min 120mx70m (8,400m <sup>2</sup> ) to allow for driven dressage and obstacle/cones Dressage arena 100mx40m, in some cases a smaller arena 80mx40m may be used Arrangements must be made so spectators cannot approach closer than 5m from the edge of the arena Marathon - CAI2* 10.8km-17km Combined marathon/cones - CAI2* and CAI1* 600m-800m	Min 18m diameter In the case of a competition held indoors the height to the ceiling must be at least 5m	1 main ring 60mx30m (1,800m <sup>2</sup> ) For 2 or more rings min 40mx20m (800m <sup>2</sup> )/ring
Practice / Training Area/s	Min 60mx20m or min 1,200m <sup>2</sup> per 2 competition arenas Competition surface preferred	Min 40mx50m (2,000m <sup>2</sup> ) per competition arena Competition surface preferred	Dressage min 60mx20m (1,200m <sup>2</sup> ) per 2 competition arenas Jumping min 40mx50m (2,000m <sup>2</sup> ) per competition arena Competition surface preferred Cross country training area min 6,000m <sup>2</sup>	Min 100mx100m (10,000m <sup>2</sup> )	Min 2 practice circles (min 18m diameter)	Min 60mx30m or min 1,800m <sup>2</sup>
Surface	All-weather sand based equestrian artificial footing	All-weather sand based equestrian artificial footing or maintained turf	All-weather sand based equestrian artificial footing or maintained turf	Maintained turf or all-weather sand based equestrian artificial footing (surface must be specific to driving requirements) Primarily turf undulating track with water obstacle for marathon	All-weather sand based equestrian artificial footing Indoor preferred	All-weather sand based equestrian artificial footing or maintained turf
Lunging Area	Min 1 round yard and designated safe lunging area	Min 1 round yard or designated safe lunging area	Min 1 round yard or designated safe lunging area	Min 1 round yard or designated safe lunging area	Designated safe area for min 2 practice circles (min 18m diameter)	Min 1 round yard or designated safe lunging area
Admin / Office Rooms	Permanent or temporary, furnished office spaces with electricity and separate scoring office	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity
Competitors	100-200	100-200	100-300	20-100	50-100	100-200
Spectators	100-500	500-2000	100-500	20-200	100-200	100-200
Lighting / Sound	Lighting and PA system Split system for freestyles	PA system	PA system	PA system	PA system	PA system
Horse Inspection / Holding Areas	Required for state championships	Required for state championships	Required for state championships	Required for state championships	Required for state championships	Required for HOTY Measuring bay
Stabling / Yards	Up to 250 for overnight competitions Min 1 for isolation Min 2 for medication control (swabbing)	Up to 250 for overnight competitions Min 1 for isolation Min 1 for medication control (swabbing)	Up to 250 for overnight competitions Min 1 for isolation, Min 1 for medication control (swabbing)	Up to 250 for overnight competitions Min 1 for isolation Min 1 for medication control (swabbing)	Up to 50 for overnight competitions Min 1 for isolation Min 1 for medication control (swabbing)	Up to 150 for overnight competitions Min 1 for isolation Min 1 for medication control (swabbing)
Camping	Required Electricity and water available, toilet/shower facilities	Required Electricity and water available, toilet/shower facilities	Required Electricity and water available, toilet/shower facilities	Water available	Water available	Required Electricity and water available, toilet/shower facilities
Water	Multiple taps Min 1 wash bay/60 horses Irrigation	Multiple taps Min 1 wash bay/60 horses Irrigation	Multiple taps Min 1 wash bay/60 horses Irrigation	Multiple taps Min 1 wash bay/60 horses Irrigation	Multiple taps Min 1 wash bay/60 horses Irrigation	Multiple taps Min 1 wash bay/60 horses Irrigation

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## Tier 4 Regional

Facility Standard Requirements	Dressage (Competitive, Participant, Club Competitions - Prep to Medium)	Jumping (Agricultural Shows, Participant, Club Competitions)	Eventing (Express Eventing, Hunter Trials, Derby, Training Days)	Driving (Participant, Club Competitions)	Vaulting (Participant, Club Competitions)	Show Horse (Hack Day)
Competition Area/s	Min 1 dressage arena 1 dressage arena/max 60 competitor tests/day	Indoor min 1,200m <sup>2</sup> with short side min 25m or Outdoor min 4,000m <sup>2</sup> with short side min 50m 1 jumping arena/max 200 competitor rounds/day	1 dressage arena/max 40 competitors/day 1 jumping arena/max 150 competitor rounds/day Jumping/ express eventing arena min 4,000m <sup>2</sup> with short side min 50m Cross country course 650m-3,575m	Dressage arena 100m x 40m (4,000m <sup>2</sup> ), in some cases a smaller arena 80m x 40m (3,200m <sup>2</sup> ) may be used Arrangements must be made so spectators cannot approach closer than 5m from the edge of the arena	Min 18m diameter circle	Min 40m x 20m or min 800m <sup>2</sup> per ring
Practice / Training Area/s	Min 60m x 20m (1,200m <sup>2</sup> ) or min 60m x 20m per 2 competition arenas competition surface preferred	Min 50m x 30m (1,500m <sup>2</sup> )	Dressage 60m x 20m or min 1,200m <sup>2</sup> Jumping min 40m x 30m or min 1,200m <sup>2</sup> Cross country min 2,000m <sup>2</sup>	Min 100m x 40m or min 4,000m <sup>2</sup> area	Min 1 practice circle (min 18m diameter)	Min 40m x 20m or min 800m <sup>2</sup> per competition ring
Surface	All-weather sand based equestrian artificial footing or maintained turf	All-weather sand based equestrian artificial footing or maintained turf	All-weather sand based equestrian artificial footing or maintained turf	Maintained turf	All-weather sand based equestrian artificial footing or maintained turf	All-weather sand based equestrian artificial footing or maintained turf
Lunging Area	Designated safe lunging area	Designated safe lunging area	Designated safe lunging area	Designated safe lunging area	Designated safe area for min 2 circles	Designated safe lunging area
Admin / Office Rooms	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity
Competitors	10-100	10-100	10-100	10-50	10-50	10-100
Spectators	20-100	20-500	20-300	10-50	20-100	20-100
Lighting / Sound	PA system	PA system	PA system	Not required	PA system	PA system
Horse Inspection / Holding Areas	Not required	Not required	Not required	Not required	Not required	Measuring bay recommended
Stabling / Yards	Not required, day yards recommended	Required for agricultural shows, day yards recommended	Not required, day yards recommended	Not required, day yards recommended	Not required, day yards recommended	Not required, day yards recommended
Camping	Not required	Required for agricultural shows	Not required	Not required	Not required	Not required
Water	Multiple taps Min 1 wash bay	Multiple taps Min 1 wash bay	Multiple taps Min 1 wash bay	Multiple taps Min 1 wash bay	Multiple taps Min 1 wash bay	Multiple taps Min 1 wash bay

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## Base (Basic requirements for all facilities)

Facility Standard Requirements	Dressage	Jumping	Eventing	Driving	Vaulting	Show Horse
Competition Area/s	60mx20m (1,200m <sup>2</sup> )	4,000m <sup>2</sup> with short side of 50m	Dressage 60mx20m (1,200m <sup>2</sup> ) Jumping 4,000m <sup>2</sup> with short side min 50m Cross country area or track over undulating ground, primarily turf	100mx40m (4,000m <sup>2</sup> )	Min 18m diameter circle	40mx20m (800m <sup>2</sup> )
Practice / Training Area/s	Min 60mx20m or min 1,200m <sup>2</sup>	Min 40mx30m or min 1,200m <sup>2</sup>	Dressage/jumping min 2,000m <sup>2</sup> Cross country min 2,000m <sup>2</sup>	Min 80mx40m or min 3,000m <sup>2</sup>	1 practice circle (min 18m diameter)	Min 40mx20m (800m <sup>2</sup> )
Surface	Maintained turf	Maintained turf	Maintained turf	Maintained turf	Maintained turf	Maintained turf
Lunging Area	Designated safe lunging area	Designated safe lunging area	Designated safe lunging area	Designated safe lunging area	Designated safe lunging area	Designated safe lunging area
Fencing	Livestock proof perimeter fencing, well maintained, safe and adequate to prevent injury Competition and training area/s and venue enclosed with suitable fencing Preferably no electric fencing and/or star pickets	Livestock proof perimeter fencing, well maintained, safe and adequate to prevent injury Competition and training area/s and venue enclosed with suitable fencing Preferably no electric fencing and/or star pickets	Livestock proof perimeter fencing, well maintained, safe and adequate to prevent injury Competition and training area/s and venue enclosed with suitable fencing Preferably no electric fencing and/or star pickets	Livestock proof perimeter fencing, well maintained, safe and adequate to prevent injury Competition and training area/s and venue enclosed with suitable fencing Preferably no electric fencing and/or star pickets	Livestock proof perimeter fencing, well maintained, safe and adequate to prevent injury Competition and training area/s and venue enclosed with suitable fencing Preferably no electric fencing and/or star pickets	Livestock proof perimeter fencing, well maintained, safe and adequate to prevent injury Competition and training area/s and venue enclosed with suitable fencing Preferably no electric fencing and/or star pickets
Admin / Office Rooms	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity	Permanent or temporary, furnished office space with electricity
Horse Inspection / Holding Areas	Not required	Not required	Not required	Not required	Not required	Not required
Stabling / Yards	Not required	Not required	Not required	Not required	Not required	Not required
Camping / Parking	Safe and controlled area with easy access for vehicles and trucks Sufficient toilets (clean, hygienic and in good working order) Electricity connected, appropriate indoor/outdoor lighting Camping is not required	Safe and controlled area with easy access for vehicles and trucks Sufficient toilets (clean, hygienic and in good working order) Electricity connected, appropriate indoor/outdoor lighting Camping is not required	Safe and controlled area with easy access for vehicles and trucks Sufficient toilets (clean, hygienic and in good working order) Electricity connected, appropriate indoor/outdoor lighting Camping is not required	Safe and controlled area with easy access for vehicles and trucks Sufficient toilets (clean, hygienic and in good working order) Electricity connected, appropriate indoor/outdoor lighting Camping is not required	Safe and controlled area with easy access for vehicles and trucks Sufficient toilets (clean, hygienic and in good working order) Electricity connected, appropriate indoor/outdoor lighting Camping is not required	Safe and controlled area with easy access for vehicles and trucks Sufficient toilets (clean, hygienic and in good working order) Electricity connected, appropriate indoor/outdoor lighting Camping is not required
Water	Min 1 tap/20 horses Min 1 wash bay Adequate water pressure	Min 1 tap/20 horses Min 1 wash bay Adequate water pressure	Min 1 tap/20 horses Min 1 wash bay Adequate water pressure	Min 1 tap/20 horses Min 1 wash bay Adequate water pressure	Min 1 tap/20 horses Min 1 wash bay Adequate water pressure	Min 1 tap/20 horses Min 1 wash bay Adequate water pressure
Catering	Suitable catering must be supplied for competitors, spectators and judges	Suitable catering must be supplied for competitors, spectators and judges	Suitable catering must be supplied for competitors, spectators and judges	Suitable catering must be supplied for competitors, spectators and judges	Suitable catering must be supplied for competitors, spectators and judges	Suitable catering must be supplied for competitors, spectators and judges
Para / Disabled Facilities	Recommended	Recommended	Recommended	Recommended	Recommended	Recommended
Equipment	Safe and suitable for activity, well maintained, correctly fitted As per EA national rules	Safe and suitable for activity, well maintained, correctly fitted As per EA national rules	Safe and suitable for activity, well maintained, correctly fitted As per EA national rules	Safe and suitable for activity, well maintained, correctly fitted As per EA national rules	Safe and suitable for activity, well maintained, correctly fitted As per EA national rules	Safe and suitable for activity, well maintained, correctly fitted As per EA national rules
Emergency	Easy access for an ambulance or emergency services to competition, training and stable/yard areas	Easy access for an ambulance or emergency services to competition, training and stable/yard areas	Easy access for an ambulance or emergency services to competition, training and stable/yard areas Compulsory ambulance on site for cross country	Easy access for an ambulance or emergency services to competition, training and stable/yard areas First aid officer for Tier 2 and 3	Easy access for an ambulance or emergency services to competition, training and stable/yard areas First aid officer for Tier 2 and 3	Easy access for an ambulance or emergency services to competition, training and stable/yard areas



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## Specification

Facility Standard Requirements	Dressage	Jumping	Eventing	Driving	Vaulting	Show Horse
<b>Competition Area/s</b>	<p>Flat area for dressage arena/s 60mx20m (1,200m<sup>2</sup>) separated from the public (incl photographers and video operators) by a buffer all round of 15m if possible but at least 10m</p> <p>The edge of the arena must consist of a low continuous surround about 0.3m high with a 2m-4m entrance. Dressage arenas can be placed at least 10m apart, preferably 15m</p> <p>For more details refer to EA national dressage rules 01/01/2019 section 3.6</p> <p>Buffer min distance between any point of the boarded competition arena and spectator seating in a stadium must be at least 15m</p> <p>There must be a barrier/fence separating spectators from a 3m zone and the main arena</p>	<p>Min 4,000m<sup>2</sup> with short side of 50m</p> <p>Oval arenas or rectangles with rounded edges are more appropriate for jumping and are easier to maintain (see maintenance)</p>	<p>Flat area for dressage arena/s 60mx20m (1,200m<sup>2</sup>), show jumping area</p> <p>Separated from the public (incl photographers and video operators) by a buffer all round of 15m if possible but at least 10m</p> <p>The edge of the arena must consist of a low continuous surround about 0.3m high with a 2m-4m entrance.</p> <p>Dressage arenas can be placed at least 10m apart, preferably 15m</p> <p>For more details refer to EA national dressage rules 01/01/2019 section 3.6</p> <p>Buffer min distance between any point of the boarded competition arena and spectator seating in a stadium must be at least 15m</p> <p>There must be a barrier/fence separating spectators between a 3m zone and the main arena</p> <p>Jumping min 4,000m<sup>2</sup> with short side min 50m</p> <p>Cross country up to 7,000m long over undulating ground with water jumps, primarily turf footing</p>	<p>Preferably 130mx70m (9,100m<sup>2</sup>) to allow for driven dressage arena 100mx40m (4,000m<sup>2</sup>)</p> <p>Spectators separated by a fence at least 10m from the competition arena (min 20m at entry end to allow for sufficient space for a straight entrance by a four-in hand of horses at A)</p>	<p>Min 18m diameter</p> <p>Spectators must be a min of 2m away from the circle and min 13m away from the centre of the vaulting circle, in championships min 15m</p> <p>Preferably the edge of the vaulting circle to consist of a low continuous surround about 0.3m high with a 2m-4m entrance</p> <p>Indoor arena is preferred</p> <p>In the case of a competition held indoors the height to the ceiling must be at least 5 m</p>	<p>Main competition ring min 60mx30m (1,800m<sup>2</sup>)</p> <p>Smaller rings can be 40mx20m or min 800m<sup>2</sup> per ring</p> <p>The edge of the ring should consist of markers or a low continuous surround about 0.3m high with a 2m-4m entrance</p> <p>Spectators separated by a fence at least 10m, preferably 15m from the competition ring</p>
<b>Lunging Area</b>	<p>Fixed round yard min 16m diameter with sand based equestrian artificial footing or designated safe lunging area with flat maintained turf</p>	<p>Fixed round yard min 16m diameter with sand based equestrian artificial footing or designated safe lunging area with flat maintained turf</p>	<p>Fixed round yard min 16m diameter with sand based equestrian artificial footing or designated safe lunging area with flat maintained turf</p>	<p>Fixed round yard min 16m diameter with sand based equestrian artificial footing or designated safe lunging area with flat maintained turf</p>	<p>Designated safe lunging area/s, sand based equestrian artificial footing is preferred</p> <p>Lunging circle for vaulting min 18m diameter</p> <p>If the competition takes place indoors the possibility for practicing and lunging indoors must be available to all athletes</p>	<p>Fixed round yard min 16m diameter with sand based equestrian artificial footing or designated safe lunging area with flat maintained turf</p>
<b>Footing</b>	<p>Horses must be trained and compete on suitable and safe surfaces. All ground surfaces on which horses walk, train or compete must be designed and maintained to reduce factors that could lead to injury</p> <p>Sand arenas should be offered to all classes from novice to grand prix</p> <p>Turf arenas for the lower level competitions may be an option provided that they are flat, with even turf coverage and must not be hard</p> <p>All-weather sand based equestrian artificial footing - sand top layer/middle layer/subbase/drainage</p> <p>The top layer should be rebounding, shock absorbing, flat/smooth and not slippery with minimal to no dust</p> <p>Adequate drainage must be installed to ensure the surface recovers quickly from rainfall</p> <p>Additives to sand i.e. fibre has been used in riding surfaces for more than 25 years, with the aim of improving functional properties, increasing shear strength and stability and reducing maintenance requirements</p> <p>Historically high-level competitions on established sites used a turf surface, but the difficulty in maintenance and days lost due to bad weather alongside the development of synthetic surfaces has meant there has been a shift towards other solutions</p> <p>Some venues have opted for all-weather surfaces, which are usually based on sand</p> <p>Experience from international events including championships such as the Olympics or World Cup finals with dressage and jumping held in parallel show that the two disciplines can share the same arena</p> <p>Traditionally, jumping riders expect a surface with more impact resistance</p> <p>This is achieved mainly through rolling the surface and increasing moisture content by more watering, starting a few days before the event so that all layers of the surface become thoroughly moist</p> <p>Turf is to be maintained in good health with a strong root system and seasonal leaf growth</p> <p>All surfaces are to be smooth, free of scalping, clippings and a have a low weed population</p> <p>Mowing should be conducted to ensure that clippings are not left on the surface</p>	<p>Horses must be trained and compete on suitable and safe surfaces. All ground surfaces on which horses walk, train or compete must be designed and maintained to reduce factors that could lead to injury</p> <p>All-weather sand based equestrian artificial footing - sand based sand top layer/middle layer/subbase/drainage</p> <p>The top layer should be a rebounding, shock absorbing, flat/smooth and not slippery with minimal to no dust</p> <p>Adequate drainage must be installed to ensure the surface recovers quickly from rainfall</p> <p>Additives to sand i.e. fibre has been used in riding surfaces for more than 25 years, with the aim of improving functional properties, increasing shear strength and stability and reducing maintenance requirements</p> <p>Historically high-level competitions on established sites used a turf surface, but the difficulty in maintenance and days lost due to bad weather alongside the development of synthetic surfaces has meant there has been a shift towards other solutions</p> <p>Some venues have opted for all-weather surfaces, which are usually based on sand</p> <p>Experience from international events including championships such as the Olympics or World Cup finals with dressage and jumping held in parallel show that the two disciplines can share the same arena</p> <p>Traditionally, jumping riders expect a surface with more impact resistance</p> <p>This is achieved mainly through rolling the surface and increasing moisture content by more watering, starting a few days before the event so that all layers of the surface become thoroughly moist</p> <p>Turf is to be maintained in good health with a strong root system and seasonal leaf growth</p> <p>All surfaces are to be smooth, free of scalping, clippings and a have a low weed population</p> <p>Mowing should be conducted to ensure that clippings are not left on the surface</p>	<p>Horses must be trained and compete on suitable and safe surfaces. All ground surfaces on which horses walk, train or compete must be designed and maintained to reduce factors that could lead to injury</p> <p>Sand arenas should be offered to FEI classes</p> <p>Turf arenas for the lower level competitions may be an option provided that they are flat, with even turf coverage and must not be hard</p> <p>All-weather sand based equestrian artificial footing - sand top layer/middle layer/subbase/drainage</p> <p>The top layer for dressage and jumping should be rebounding, shock absorbing, flat/smooth and not slippery with minimal to no dust</p> <p>Adequate drainage must be installed to ensure the surface recovers quickly from rainfall</p> <p>Additives to sand i.e. fibre has been used in riding surfaces for more than 25 years, with the aim of improving functional properties, increasing shear strength and stability and reducing maintenance requirements</p> <p>Historically high-level competitions on established sites used a turf surface, but the difficulty in maintenance and days lost due to bad weather alongside the development of synthetic surfaces has meant there has been a shift towards other solutions</p> <p>Some venues have opted for all-weather surfaces, which are usually based on sand</p> <p>Experience from international events including championships such as the Olympics or World Cup finals with dressage and jumping held in parallel show that the two disciplines can share the same arena</p> <p>Traditionally, jumping riders expect a surface with more impact resistance</p> <p>This is achieved mainly through rolling the surface and increasing moisture content by more watering, starting a few days before the event so that all layers of the surface become thoroughly moist</p> <p>Turf is to be maintained in good health with a strong root system and seasonal leaf growth</p> <p>All surfaces are to be smooth, free of scalping, clippings and a have a low weed population</p> <p>Mowing should be conducted to ensure that clippings are not left on the surface</p> <p>The importance of the best possible footing for cross country cannot be underestimated</p> <p>Good footing gives horses confidence and security</p> <p>Poor footing makes horses suspicious and can lead to a lack of confidence</p> <p>Cross country take-off and landing areas must be safe</p>	<p>Horses must be trained and compete on suitable and safe surfaces. All ground surfaces on which horses walk, train or compete must be designed and maintained to reduce factors that could lead to injury</p> <p>Turf arenas are preferred due to most sand-based arenas not having driving specifications</p> <p>All-weather sand based equestrian artificial footing - sand top layer/middle layer/subbase/drainage</p> <p>The top layer for driving must be flat/smooth and not slippery with minimal to no dust</p> <p>The depth needed is less than required for jumping and dressage to allow for traction</p> <p>Adequate drainage must be installed to ensure the surface recovers quickly from rainfall</p> <p>Historically high-level competitions on established sites used a turf surface, but the difficulty in maintenance and days lost due to bad weather alongside the development of synthetic surfaces has meant there has been a shift towards other solutions</p> <p>Some venues have opted for all-weather surfaces, which are usually based on sand</p> <p>Traditionally, a surface that requires more resistance can be achieved mainly through rolling the surface and increasing moisture content by more watering, starting a few days before the event so that all layers of the surface become thoroughly moist</p> <p>Turf is to be maintained in good health with a strong root system and seasonal leaf growth</p> <p>All surfaces are to be smooth, free of scalping, clippings and a have a low weed population</p> <p>Mowing should be conducted to ensure that clippings are not left on the surface</p>	<p>Horses must be trained and compete on suitable and safe surfaces. All ground surfaces on which horses walk, train or compete must be designed and maintained to reduce factors that could lead to injury</p> <p>The arena must be of a soft and springy material</p> <p>An all-weather sand surface and indoors is preferred - sand top layer/middle layer/subbase/drainage</p> <p>The top layer should be rebounding, shock absorbing, flat/smooth and not slippery with minimal to no dust</p> <p>The depth required is similar for dressage</p> <p>Adequate drainage must be installed to ensure the surface recovers quickly from rainfall</p> <p>Turf arenas for the lower level competitions or training days may be an option, providing they are flat and smooth</p> <p>Turf is to be maintained in good health with a strong root system and seasonal leaf growth</p> <p>All surfaces are to be smooth, free of scalping, clippings and a have a low weed population</p> <p>Mowing should be conducted to ensure that clippings are not left on the surface</p>	<p>All-weather sand based equestrian artificial footing - sand top layer/middle layer/subbase/drainage</p> <p>The top layer should be rebounding, shock absorbing, flat/smooth and not slippery</p> <p>The depth required is similar for dressage</p> <p>Adequate drainage must be installed to ensure the surface recovers quickly from rainfall</p> <p>Additives to sand i.e. fibre has been used in riding surfaces for more than 25 years, with the aim of improving functional properties, increasing shear strength and stability and reducing maintenance requirements</p> <p>Historically high-level competitions on established sites used a turf surface, but the difficulty in maintenance and days lost due to bad weather alongside the development of synthetic surfaces has meant there has been a shift towards other solutions</p> <p>Some venues have opted for all-weather surfaces, which are usually based on sand</p> <p>Traditionally, a surface that requires more resistance can be achieved mainly through rolling the surface and increasing moisture content by more watering, starting a few days before the event so that all layers of the surface become thoroughly moist</p> <p>Turf is to be maintained in good health with a strong root system and seasonal leaf growth</p> <p>All surfaces are to be smooth, free of scalping, clippings and a have a low weed population</p> <p>Mowing should be conducted to ensure that clippings are not left on the surface</p>

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## Specification Cont.

<b>Fencing</b>	<p>Livestock proof perimeter fencing, well maintained, safe and adequate to prevent injury Competition and training area/s and venue enclosed with suitable fencing Preferably no electric fencing and/or star pickets</p> <p>Security fencing around stabling area must be adequate for the level of the event</p>					
<b>Spectator Areas</b>	<p>Public surrounding area safe, separate from horses and controlled with easy access Seating and shade available</p>					
<b>Admin / Office Rooms</b>	<p>Permanent or temporary, furnished office space with electricity</p> <p>Tier 1 - multiple office rooms, media areas, video and repeater boards, electronic live scoreboard Sports info reception min 50m<sup>2</sup>, sports info back office 25m<sup>2</sup>, stable management min 15m<sup>2</sup>, equine logistics office min 20m<sup>2</sup>, horse feed/bedding supplies office min 15m<sup>2</sup>, saddlery repair/supplies service, wheelchair/orthotic repair service, athlete/NOC/NPC catering and lounge facilities, athlete medical, physio, doping control facilities, grooms' accommodation</p>	<p>Permanent or temporary, furnished office space with electricity</p> <p>Tier 1 - multiple office rooms, media areas, video and repeater boards, electronic live scoreboard Sports info reception min 50m<sup>2</sup>, sports info back office 25m<sup>2</sup>, stable management min 15m<sup>2</sup>, equine logistics office min 20m<sup>2</sup>, horse feed/bedding supplies office min 15m<sup>2</sup>, saddlery repair/supplies service, wheelchair/orthotic repair service, athlete/NOC/NPC catering and lounge facilities, athlete medical, physio, doping control facilities, grooms' accommodation</p>	<p>Permanent or temporary, furnished office space with electricity</p> <p>Tier 1 – (see also dressage and jumping admin/office rooms) Cross country: CCTV, tents or covered structures for start/finish, sector bases and control 9m<sup>2</sup> tents for NOC teams at cross country finish area for teams and first aid tent/area, 3 cooling tents (min 150m<sup>2</sup> each), 9m<sup>2</sup> vet tent, 150m<sup>2</sup> athlete TV tent and 25m<sup>2</sup> information area Compulsory ambulance on site for cross country</p>	<p>Permanent or temporary, furnished office space with electricity</p> <p>Tier 1 - multiple office rooms, media areas, video and repeater boards, electronic live scoreboard Sports info reception min 50m<sup>2</sup>, sports info back office 25m<sup>2</sup>, stable management min 15m<sup>2</sup>, equine logistics office min 20m<sup>2</sup>, horse feed/bedding supplies office min 15m<sup>2</sup>, saddlery repair/supplies service, wheelchair/orthotic repair service, athlete/NOC/NPC catering and lounge facilities, athlete medical, physio, doping control facilities, grooms' accommodation</p>	<p>Permanent or temporary, furnished office space with electricity</p> <p>Tier 1 - multiple office rooms, media areas, video and repeater boards, electronic live scoreboard Sports info reception min 50m<sup>2</sup>, sports info back office 25m<sup>2</sup>, stable management min 15m<sup>2</sup>, equine logistics office min 20m<sup>2</sup>, horse feed/bedding supplies office min 15m<sup>2</sup>, saddlery repair/supplies service, wheelchair/orthotic repair service, athlete/NOC/NPC catering and lounge facilities, athlete medical, physio, doping control facilities, grooms' accommodation</p>	<p>Permanent or temporary, furnished office space with electricity</p>
<b>Equipment</b>	<p>The edge of the competition arena/s must consist of low continuous surrounds (rectangular white PVC boards, not chain or rope) about 0.3m high with 2-4m entrance Dressage arenas can be placed at least 10m apart, preferably 15m For more details refer to EA national dressage rules 01/01/2019 section 3.6</p> <p>12 dressage letters (AFBMCHEKRSVP) per competition arena, made to be visible at all angles Arena numbers</p> <p>Judges boxes designed with space for 3 people with weather protection and raised floor (min 50cm)</p>	<p>The obstacles must be inviting in their overall shape and appearance, varied and match their surroundings Both the obstacles themselves and their constituent parts must be such that they can be knocked down, while not being so light that they fall at the slightest touch or so heavy that they may cause Horses to fall or be injured The obstacles must be designed with horsemanship and fairness in mind Poles and other parts of the obstacles are held up by supports (cups) The pole must be able to roll on its support; in this case the support must have a depth of min 18 mm and a depth of max 30 mm For planks, balustrades, barriers, gates etc, the diameter of the supports must be more open or even flat Approved safety cups must be used in the competition arena and schooling areas FEI approved safety cups must be used for FEI events Judges box / tents with table and chairs for officials</p>	<p>See equipment section for dressage and jumping</p> <p>For more details refer to EA national eventing rules 01/01/2019</p> <p>Cross country fences</p> <p>Portable fence anchors or securing system</p> <p>Frangible deformable devices</p> <p>Ice for cooling horses and misting fans in hot climate</p>	<p>The edge of the driven dressage arena (100mx40m) must consist of low continuous surrounds (e.g. rectangular white PVC boards, not chain or rope) about 0.3m high with 2-4m entrance Dressage arenas can be placed at least 10m apart, preferably 15m For more details refer to EA national dressage rules 01/01/2019 section 3.6</p> <p>12 dressage letters (AFBMCHEKRSVP) made to be visible at all angles Red and white flags, yellow direction markers, numbers, cones, weighbridge</p> <p>Judges boxes designed with space for 3 people with weather protection and raised floor (min 50cm) (5m from competition arena)</p>	<p>The edge of the competition ring must consist of low continuous surrounds or markers Continuous surrounds should be rectangular white PVC boards (not chain or rope) about 0.3m high with 2-4m entrance</p> <p>ABCD letters Judges tables and raised platforms Plants</p>	<p>The edge of the competition rings must consist of low continuous surrounds or markers Continuous surrounds should be rectangular white PVC boards (not chain or rope) about 0.3m high with 2-4m entrance</p> <p>Arena numbers</p> <p>Judges box or tent/s with table and chairs for officials</p> <p>Presentation topiaries and flags</p> <p>Jumping equipment for working hunter classes (see jumping equipment specifications)</p>
<b>Lighting / Sound</b>	<p>General lighting in camping and yard/stables areas Competition arena 500-1,000 lux lighting PA system or split sound system recommended, one for public and one for competitors which can be heard in camping and stable areas Split sound system is also required for freestyle dressage competitions</p>					
<b>Horse Inspection / Veterinary</b>	<p>Trot up area - 50m long with firm flat surface, 2m wide, horse inspection holding box and practice strip Tier 1 - veterinary clinic required with min 6 treatment boxes Medication control (swabbing) - Tier 1 - min 4 stables, Tier 2 - min 2 stables, Tier 3 - min 1 stable/yard</p>	<p>Trot up area - 50m long with firm flat surface, 2m wide, horse inspection holding box and practice strip Tier 1 - veterinary clinic required with min 6 treatment boxes Medication control (swabbing) - Tier 1 - min 4 stables, Tier 2 - min 2 stables, Tier 3 - min 1 stable/yard</p>	<p>Trot up area - 50m long with firm flat surface, 2m wide, horse inspection holding box and practice strip Tier 1 - veterinary clinic required with min 6 treatment boxes Medication control (swabbing) - Tier 1 - min 4 stables, Tier 2 - min 2 stables, Tier 3 - min 1 stable/yard</p>	<p>Trot up area - 50m long with firm flat surface, 2m wide, horse inspection holding box and practice strip Tier 1 - veterinary clinic required with min 6 treatment boxes Medication control (swabbing) - Tier 1 - min 4 stables, Tier 2 - min 2 stables, Tier 3 - min 1 stable/yard</p>	<p>Trot up area - 50m long with firm flat surface, 2m wide, horse inspection holding box and practice strip Tier 1 - veterinary clinic required with min 6 treatment boxes Medication control (swabbing) - Tier 1 - min 4 stables, Tier 2 - min 2 stables, Tier 3 - min 1 stable/yard</p>	<p>Measuring bay - flat concrete surface, must be laid in a horizontal plane (flat to within 6mm) <a href="#">Refer to EA measuring rules</a> Medication control (swabbing) - Tier 2 - min 2 stables, Tier 3 - min 1 stable/yard</p>
<b>Holding Areas</b>	<p>Min 500m<sup>2</sup> Tier 1 - holding area min 500m<sup>2</sup> with equipment check area min 6mx3m</p>					

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## Specification Cont.

<p><b>Stables / Yards</b></p>	<p>Stables or yards must be safe, hygienic, comfortable, well ventilated and of sufficient size for the type and disposition of the horse  <b>Stables</b> - can be either permanent or temporary 3.5mx3.5m (12.25m<sup>2</sup>) made of solid fixed material or portable panels  Stallions must be adequately catered for within stable facilities  Adequate lighting and electricity  Additional stables can be required for tack or feed  Surveillance and security fencing around stabling area must be adequate for the level of the event  <b>Medication control</b> (swabbing)  Tier 1 - min 4, Tier 2 - min 2, Tier 3 - min 1 (stables are preferred and adjoining administrative area)  <b>Yards</b> - can be either permanent or temporary 3.5mx3.5m (12.25m<sup>2</sup>) made of solid fixed material or portable panels  The use of electrified tape, strings, ropes or chains are not permitted at EA events  Championships - approximately 100-140 stables will be required if OC's expect to stable all competitors on the grounds (min 75 must be available on the grounds and preference should be given to competitors travelling long distances, those staying for longer periods and for FEI horses and stallions)  2* - the event must be at least a two-day event - if adequate stabling is not available, it is recommended the event be run over two separate weekends  <b>As per FEI rules from 2020, shade is required over enclosures (also known as yards)</b></p>	<p>Stables or yards must be safe, hygienic, comfortable, well ventilated and of sufficient size for the type and disposition of the horse  <b>Stables</b> - can be either permanent or temporary 3.5mx3.5m (12.25m<sup>2</sup>) made of solid fixed material or portable panels  Stallions must be adequately catered for within stable facilities  Adequate lighting and electricity  Additional stables can be required for tack or feed  Surveillance and security fencing around stabling area must be adequate for the level of the event  <b>Medication control</b> (swabbing)  Tier 1 - min 4  Tier 2 - min 2  Tier 3 - min 1 (stables are preferred and adjoining administrative area)  <b>Yards</b> - can be either permanent or temporary 3.5mx3.5m (12.25m<sup>2</sup>) made of solid fixed material or portable panels  The use of electrified tape, strings, ropes or chains are not permitted at EA events  <b>As per FEI rules from 2020, shade is required over enclosures (also known as yards)</b></p>	<p>Stables or yards must be safe, hygienic, comfortable, well ventilated and of sufficient size for the type and disposition of the horse  <b>Stables</b> - 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<p><b>Storage</b></p>	<p>Suitable area for manure that will enable regular removal  Tier 1 - tack/equipment storage min 4m<sup>2</sup> per horse and 6m<sup>2</sup> for paralympic athletes  Tier 1 and 2 - horse feed and bedding storage areas</p>					
<p><b>Camping</b></p>	<p>Powered camping area/s suitable for large semi-trailers, horse trucks and goosenecks  Approximately 100-200m<sup>2</sup>/campsite  Electricity and water available, toilet/shower facilities  &lt;500 people - requires 1 male toilet, + 2 urinals + 2 hand basins  Min 1 disabled amenities  Min 1 shower per 30 campsites  Tier 2 - self-catering and laundry facilities are recommended</p>					
<p><b>Water</b></p>	<p>Taps - min 1 tap/20 horses  Wash bays - min 1 wash bay min 6m<sup>2</sup> (tier 1 - wash bay min 12m<sup>2</sup>)  Preferred min 1 wash bay/60 horses  Good water pressure at all times  Wash bays and water must always be available  Drinking water available (for humans)</p>					
<p><b>Para / Disabled Facilities</b></p>	<p>Disabled amenities  Ramp and mounting area for para athletes  Disabled access for spectators</p>					
<p><b>Environmental</b></p>	<p>Environmental sustainability  All facilities should consider the effect on the environment i.e. re-using grey water, solar panels, shade, capturing rain water etc  All facilities should have a biosecurity plan, risk management plan and pest management</p>					
<p><b>All Weather</b></p>	<p>Indoor arenas are desirable in areas with extreme weather i.e. high UV / heat / day length / rain which may affect participation levels</p>					
<p><b>Interschool</b></p>	<p>Refer to each discipline for all specifications and tiers  For showman competitions refer to dressage, show horse and jumping sections  For combined training refer to dressage and jumping</p>					
<p><b>Other</b></p>	<p>For all other equestrian disciplines, relevant requirements from the specifications and base tier can be applied to optimise a facility</p>					



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## Maintenance

Facility Standard Requirements	Dressage	Jumping	Eventing	Driving	Vaulting	Show Horse
<b>Irrigation / Watering</b>	<p><b>For sand based equestrian artificial footing -</b> Water is the single most important factor that influences the properties you want from an arena Moisture to a high degree determines the properties of the sand, and therefore also of the arena The moisture level in the soil directly affects the horses' ability to move, turn, jump and stop A good supply of water and a good watering system are, therefore, very important to consider when installing an arena If the facility has a limited water supply there are alternative solutions: Buy water in a tank, organise collection of surface water for example rain water (in some areas this can be subject to laws and regulations), consider a waxed sand surface which requires less added moisture, subsurface watering also called "Ebb and Flood" systems save water by adding the water under the arena surface and thus reducing evaporation Suitable and even application of moisture – good access to water (for irrigation) is very important for arena maintenance e.g. ceiling sprinklers, wall sprinklers, water trucks, moveable sprinklers, water hoses</p>					
<b>Turf Management</b>	<p>After competitions or training days divots must be replaced/repaid as soon as possible (immediately when possible will avoid the divot drying out) and sufficient maintenance conducted to enable the track to rejuvenate after use Rolling the field after use can help to keep a smooth surface and protects mowers from scalping the mounds that each divot creates Patching works should be completed with a suitable material that matches the soil profile and encourages rejuvenation Sod however is not recommended as a horse may slip if un-rooted, therefore seeds are better Sufficient water should be applied to the track to ensure plant health and soil profile is maintained An integrated pest, weed and disease management program is recommended to be undertaken Programs implemented should ensure compliance with the legal requirements of the site and relevant legislation etc All products used should be selected for the least residual effects on the colour, root depth and plant health of the turf cultivar A mowing program should accord with prevailing growing conditions and frequency of competitions or training days Mowing should be conducted to ensure that clippings are not left on the surface The moisture level in the soil directly affects the horses' ability to run, turn and stop (see Irrigation/watering) Land and pasture degradation management, weed management plan Aerating management plan</p>					
<b>Sand Arena Management / Maintenance</b>	<p><b>Suitable machinery</b> – different top layer materials require different equipment e.g. tractor, light farm type tractor, drags, harrows, aerators, rollers <b>Frequent maintenance</b> – daily management plan for optimum results <b>Avoid manure contamination</b> – or replacing the top layer is required more frequently <b>Annual renovation</b>  It is important to remember that the final cost of an arena is not only determined by materials and the construction, but also maintenance, including work time and equipment/machinery, renovations and expected "lifetime" or length of use No arena will meet expectations without correct maintenance and the "lifetime" will be shorter without appropriate maintenance Longevity of an arena surface can vary and is often dependent on its makeup, location (particularly indoor or outdoor) and maintenance  Maintaining an arena surface correctly are to reduce compaction and to improve or maintain consistency around the arena Uneven surfaces with varying moisture content, compaction and composition result in inconsistent forces acting upon the horse Oval arenas or rectangles with rounded edges are more appropriate for jumping and are easier to maintain i.e. drag/harrow etc  FEI Recommendation: On the day of competition, it is important to keep the surface uniform to meet riders' expectations (and potentially prevent injury) This must be achieved with little yet sufficient maintenance during the class e.g. with up to 40 starters in a Jumping class the surface can be raked by hand between horses Classes with more than 40 starters should have intervals of 10-20 minutes to allow for further raking or the use of a tractor, in order to ensure consistent properties of the surface for all participants</p>					

## References:

### Dressage:

FEI Dressage Rules 2019

National Dressage Rules 2019

12 Procedures Manual As of 26<sup>th</sup> January 2018 – Section 5, pg8-11 - Event Classification and Site Requirements.

12 Procedures Manual As of 26<sup>th</sup> January 2018 – Section 21, pg29-31 – Guidelines for Organising Committees (OCs) of Queensland State Dressage Championships

### Jumping

FEI Jumping Rules 2019

National Jumping Rules 2019

Jumping Queensland Event Manual – Section 1, pg4-6 – Are you ready to run a jumping event? Event Facilities

Jumping Footing - <https://www.sciencedirect.com/science/article/pii/S1090023317301673>

### Eventing

National Eventing Rules 2019

FEI Eventing Rules 2019

FEI Eventing Rules 2019 Chapter 7 General Competitions Rules Article 535.4 Practice Areas

FEI Eventing Rules 2019 Chapter 9 Cross Country Test – Article 546 Courses

FEI Eventing Rules 2019 – The FEI Code of Conduct for the Welfare of the Horse – pg11 - 3. Events must not prejudice Horse welfare.

Eventing Queensland – Rules for Lower Level Events

Eventing Rules - Annex E – Organising Requirements for Eventing 4 Star Level Events

### Carriage Driving

FEI Driving Rules 2019

National Driving Rules 2019

### Vaulting

FEI Vaulting Rules 2019

National Vaulting Rules 2019

### Show Horse

Show Horse EA National Rules

[http://www.equestrian.org.au/sites/default/files/EA\\_Show\\_Horse\\_Rule\\_Book\\_CLEAN%2001012019.pdf](http://www.equestrian.org.au/sites/default/files/EA_Show_Horse_Rule_Book_CLEAN%2001012019.pdf)

EA Measuring Rules - [http://www.equestrian.org.au/sites/default/files/EA\\_Measuring\\_Rules\\_updated01072017.pdf](http://www.equestrian.org.au/sites/default/files/EA_Measuring_Rules_updated01072017.pdf)

### General

FEI Olympic Regulations Tokyo 2020 – Chapter I General – Article 604 – QUOTA

FEI Olympic Regulations Tokyo 2020 – Chapter II Eventing – Article 624 – Rules for the Eventing Competition

Olympic and Paralympic Venue Operational Requirements 1<sup>st</sup> Edition, January 2015

Racing Queensland - Minimum Venue and Equipment Standards, Thoroughbred Venues – Country A

Managing Grazing Lands in Queensland (Department of Environment and Resource Management)

Equine Surfaces White Paper, Sarah Jane Hobbs, Ph.D., University of Central Lancashire, UK/ Alison J. Northrop, M.Sc., Anglia Ruskin University, UK/ Christie Mahaffey, Ph.D., Racing Surfaces Testing Laboratory, USA/ Jaime H.

Martin, Ph.D., Myerscough College, UK/ Hilary M. Clayton, BVMS, Ph.D., MRCVS, Michigan State University, USA/ Rachel Murray, MA VetMB MS Ph.D., MRCVS, Animal Health Trust, UK/ Lars Roepstorff, DVM, Ph.D., Swedish

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Equestrian Surfaces A Guide, Swedish Equestrian Federation, Ridsportens Hus, 734 94 Strömsholm, [www.ridsport.se](http://www.ridsport.se)

AUSTRALIAN RULES OF POLO Effective 20th August 2018 As adopted by Australian POLO Federation, Annex A, <https://www.polorules.com/>

### Glossary

Aerator	A tool designed to create holes in the soil in order to help grasses grow. In compacted surfaces, aeration improves soil drainage and encourages worms, microfauna and microflora which require oxygen.
CCTV	Closed circuit television (CCTV) is the use of video cameras to transmit a signal to a specific place
Drag	A heavy type of flat harrow for dragging, used to smooth and even out surfaces
CAI	Concours de Dressage International (International Dressage Event) and recognized by the world governing body of equestrian sports, the Fédération Equestre Internationale (FEI)
CCI	Concours de Eventing International (International Eventing Event) and recognized by the world governing body of equestrian sports, the Fédération Equestre Internationale (FEI)
CCN	Australian National Eventing Event (higher levels)
CDI	Concours de Driving International (International Driving Event) and recognized by the world governing body of equestrian sports, the Fédération Equestre Internationale (FEI)
CVI	Concours de Vaulting International (International Vaulting Event) and recognized by the world governing body of equestrian sports, the Fédération Equestre Internationale (FEI)
EA	Equestrian Australia – National governing body for equestrian sports in Australia
Ebb and Flood (Also known as Ebb and Flow or flood drain)	An under-surface watering system. Two phases of movement of water - the ebb is the outgoing phase, when water drains away and the flow is the incoming phase
EQ	Equestrian Queensland - State branch of Equestrian Australia
EvA	Australian National Eventing Event (lower levels)
FEI	Fédération Equestre Internationale, the International Federation for Equestrian Sports
FoP	Field of play
Harrow	An agricultural implement consisting of many spikes, tines or discs for dragging across surfaces
HOTY	Horse of the year
Lux	Lighting
NOC	National Olympic Committee
NPC	National Paralympic Committee
OC	Organising Committee
PA	Public address system, an electronic system comprising microphones, amplifiers, loudspeakers and related equipment
PARA	Equestrian sport for athletes with a range of disabilities
PVC	Plastic polyvinyl chloride
WEG	FEI World Equestrian Games