

MULTI-SPORT GAMES - EQUESTRIAN VENUE REQUIREMENTS/MINIMUM STANDARDS

INTRODUCTIONS

This document has been created by the FEI and contains a description of the **minimum** requirements for an Equestrian venue for Multi-sport Games including specifically the three Olympic disciplines which can be adapted accordingly to specific competition levels and to include other disciplines if necessary. Additional information and details can be provided on request.

The FEI strongly promotes the development of venues adapted to competition standards in the relevant region, and cost-effective infrastructure for sustainable future use.

The FEI Veterinary Department will provide specific information regarding international movement of horses for the specific region where the Multi-sport Games are held on request.

The FEI General Regulations, Statutes, and technical Rules for each discipline organised (Jumping, Dressage, Eventing or other discipline) will apply for all technical matters relating to Equestrian Sports at Multi-sport Games.

The following aspects are included in this document:

1. Minimum requirements for the Equestrian venue (Jumping/Dressage/Eventing)
2. Competition Formats and Timetable
3. Veterinary matters
4. Officials
5. International Movement of Horses

A second part including information relating to competition formats, qualification requirements, entry deadlines and procedures, as well as other detailed information, will be included in the Technical Handbook developed with the respective Continental Equestrian Association and Multi-Sport Game Organiser in view of each Games.

1. MINIMUM REQUIREMENTS FOR THE EQUESTRIAN VENUE (JUMPING/DRESSAGE/EVENTING)

It is strongly recommended the disciplines organised for Equestrian should be accommodated at a single venue. If a discipline or any individual test of a discipline (e.g. Eventing cross country test) is accommodated at a secondary venue, the Organising Committee must agree with the respective Technical Delegate which of the facility/service requirements outlined in this document will need to be installed/provided at the secondary venue.

In considering the overall size/area requirements of the Equestrian venue the key factors include which disciplines are being accommodated and the number of Horses taking part. The larger space requirements include:

- Horse stabling
- Main competition arena (8,000m²) and surrounding space for spectator seating and circulation
- Eventing cross country field of play (as a guide minimum approx. 30 hectares – 300,000m²)
- Warm-up / Training Arenas (15-18,000m²)
- Logistics, compound and operational spaces
- General circulation
- Car parking – on-venue and nearby

COMPETITION FIELDS OF PLAY

1. Main competition arena (FoP) for Jumping, Dressage, Eventing Dressage & Jumping:

Ideally, one single sand arena of minimum 80m x 100m to be used for Dressage and Jumping competitions. Final size to be agreed with Technical Delegate depending on level of competition and local factors.

If different arenas are used, equestrian sand footing is essential for Dressage when a grass arena has been approved for Jumping and Eventing tests.

Spectator seating capacity according to the level of interest in the region.

Footing Expert

A footing expert must be appointed by the Organising Committee to ensure that the ground is installed, prepared and maintained according to the FEI footing performance standard. The FEI can provide further advice.

Once installed, the footing must be maintained in accordance with the advice of the footing expert. The Organising Committee must provide all necessary equipment and personnel.

Field of Play Jumping:

- Equipment for obstacles: must allow the construction of 32 jumps (50% vertical fences & 50% spread obstacles). Spare equipment for obstacles. Include water jump with 4 meter width maximum, including the take-off element.
- Judges' facility: Covered and raised to allow a complete view of the competition arena and the final holding area (see below). The Judges' facility should include Commentator positions and Timekeeping positions. Further space may be required for sound, audio and visual control equipment and personnel.
- Timekeeping and audio visual equipment, and radio communications equipment for the Organising Committee's competition management team, key Officials and personnel.

Field of Play Dressage:

- Boarded dressage arena of 60 m by 20 m situated at least 10 metres from the public.
- The boarded dressage arena consists of a low white fence (rails that must not be solid) about 30 cm high, with marker letters, placed approximately 50 cm from the fence.
- Judge Huts for the Ground Jury: Separate huts with space for three people, raised from the ground (at least 50 cm) and placed 3m to 5m outside the fenced arena. Three huts on the short side(C-M-H) and two huts on each long side (B & E). For Eventing Dressage only 3 Judges huts are required (two on the short side – one on the long side)

Field of Play Dressage & Eventing Dressage:

- Same requirements and arrangements as for Jumping Dressage

2. Eventing Cross Country course:

Cross Country course – depending on the level of the competition, the minimum distance, obstacle and requirements are as follows:

Level of competition	2star	3star
XC distances	3640-4680m	4400-5500m
Number of fences	25-30	30-35
Water Jump	Minimum one	Minimum one

- Level, distance and format to be reviewed between the FEI, Organising Committee and Continental Association.
- The FEI Eventing Course Designer appointed by the Organising Committee to be involved as early in the planning as possible.
- At the start/finish area/s of Cross Country: sufficiently large area to facilitate warm-up for

the cross country (see below), start, finish and cooling areas.

TRAINING FACILITIES FOR JUMPING, DRESSAGE AND EVENTING

The size and number of the training arenas needs to take into consideration the number of horses and disciplines based on-venue at any one time, as well as the length of day available for training depending on climate and daylight hours and/or floodlight provision.

The size, number and layout of training facilities (including final warm-up) must be discussed with and approved by the Technical Delegate/s. In doing so the following should be considered:

- Depending of the factors outlined above the total space required may be in the region of 15-18,000m² for training arenas, including warm-up (see below).
- A covered training area of at least 60m x 20m (can be covered with a temporary structure) – requirement can be reviewed by Technical Delegate depending on climate
- A minimum of two lunging arenas of 20m diameter.
- An area of approx 500m² should be adjacent to the FoP for final Athlete preparation, dismounting following competition and the required Horse equipment checks.

Footing of the training arenas will either be equestrian sand footing or grass depending on footing of the FoPs, to be agreed with the Technical Delegate/s.

It is essential to provide a grassed area/s for Horses to be grazed in-hand, and preferably paths/areas of venue suitable for general riding out/hacking.

Eventing - Cross Country training & Final Warm-up:

- Eventing cross country training area of approximately 6,000m² with 4 varied cross-country obstacles ideally to be located adjacent/near to the cross country start.
- A gallop track of approximately 800 metres

Final warm-up arena for Jumping, Dressage, Eventing Dressage & Jumping Tests:

- A final warm-up of at least 65m x 30m (can also be used as a training area), to accommodate a minimum of 3 jumps, and allow for a boarded dressage arena of 60m x 20m (with markers) for the Dressage training.

OTHER FACILITIES AND SERVICES

Scoring and Results

Scoring for the Games shall be in accordance with the Rules and Regulations for the relevant Discipline and the FEI Results and Information Services Guidance in force at the time of the Games, including FEI-homologated timekeeping equipment.

Stables and associated facilities and services:

- Provision of suitable stables/loose boxes for all horses with good lighting and ventilation/airflow (60 m³ air space for each horse). Stables must be of at least 3m x 3 m. 20% of the stables must be at least 3m x 4m and be used to accommodate the larger horses. Stables must be of sound and safe construction. They must be fully cleaned and disinfected before arrival of the horses.
- Each Team requires the equivalent of an additional 1 stable for every 4 horses for tack and equipment storage (or temporary cabins located adjacent to each team's stables area).
- **The stables area must include/consider the following:**
 - Supply of drinking water and drinking buckets, at least one outlet per 10 stables
 - Horse wash-down/shower areas at a rate of at least one per 30 horses. Hot water, cold water hoses and ice readily available.

- A regular routine for the collection and disposal of used bedding and manure.
- Provision of commonly used horse feeds including hay, bran, oats, barley, sweet feed, pellets or cubes, corn, linseed and carrots, certified free of prohibited substances
- A supply of straw and shavings for bedding material
The following must be made available as a minimum:
 - Hay/haylage - High quality hay free of contaminants, dust and mould. Timothy hay is preferable. Bagged haylage.
 - Bedding - Wood shavings, dust free wheat straw and shredded paper/cardboard must be available. The bedding must be of high quality, low in dust and free of mould. The majority of Horses will use shavings (approximately 80%).
 - Feed - Must include oats, whole and crimped, wheat bran, mixed feeds and pelleted formulas. All must be fresh (within recommended usage time frame as indicated by manufacturer), dust free and certified free of prohibited substances. A supply of fresh carrots and/or apples must also be available.
- Fire precautions and a plan for emergencies (important to keep passage ways free of obstructing material/tack in case of emergencies)
- A security system designed to keep all unauthorised persons out of the stable areas and a service of surveillance during the night.
- Tying up facilities in the stables and the passage ways.
- Ideally one electrical power point for every two stables but at least one per team, out of reach of the horses.
- Vector and insect control (i.e. screening for insect control, sand around stables for tick control)
- Storage facilities for feed and bedding.

Other stables facilities:

- Isolation stables: A small isolation unit, consisting not less than four (4) stables should be provided at some distance (min. 200m) from the stable area to provide isolation for horses thought to be suffering from a contagious infection.
- Testing boxes: Not less than four 4 stables for horse anti-doping sample collection with adjoining service area.
- Treatment Boxes: Two (2) stables must be provided as designated treatment boxes for supervised treatments by Team Veterinarians (unless otherwise advised by Foreign Veterinary Delegate). These must be regularly cleaned and have dedicated facilities for hand washing and disposal of used veterinary consumables.

Other facility and service requirements:

- Farriery installation: and qualified farrier with sufficient assistants to provide quick and reliable service at all times of day and night.
- Horse inspection runway: for all three disciplines, of non-slippery tarmac of minimum 30m in length and at least 2m wide, with access for spectators.
- Covered and open storage areas: for jumps, dressage equipment, arena decoration and footing maintenance equipment.
- Offices and meeting rooms: must be available for the Organising Committee, Host NF and IF, and a briefing room accommodating at least 100 people for all Chef d'Equipe/Technical Meetings with materials such as microphones, projector and screen.
- Athlete anti-doping control facility
- Ambulances: for transport of injured persons during all competition and training sessions.
- Athlete and spectator medical facilities: including Athlete physiotherapy facilities
- Media facilities: including mixed zone, press work and press conference areas.

2. VETERINARY MATTERS

- Two horse ambulances: for all competition days and one for training sessions for all disciplines must be on the venue.
- Two horse ambulance trailers: for Eventing Cross Country day: of which one must be of four-wheel drive / off-road capability.
- Emergency veterinary posts: for Eventing Cross Country Course: provision for emergency veterinary posts around the course including shade and ice. At the finish of the cross-country, ice for cooling horses and misting fans in hot climates.

Veterinary Equine Clinic:

There must either be an operational Veterinary Clinic within maximum 1.5 hours distance of the competition venue or an on-venue Veterinary Clinic which may be temporary or permanent. This must be discussed and agreed with the Foreign Veterinary Delegate. Whether at one or the other, full surgical facilities and a suitably experienced surgical team must be available to carry out procedures under general anaesthetic including abdominal/colic surgery.

Details and updated information on the design of veterinary facilities can be obtained from the FEI Veterinary Department who will also advise on any requirements or considerations relating to specific local quarantine and health status considerations.

There must be an experienced equine veterinary team based on-venue capable of providing emergency veterinary treatment 24 hours a day.

An on-venue Clinic, whether temporary or permanent, must be such that regardless of external climate good working conditions can be maintained and the welfare of horses under treatment protected at all times. This may necessitate the requirement for air-conditioning.

All equipment may be leased or obtained through value-in-kind sponsorship in order to minimise cost. The clinic must have at least the following facilities/equipment and accommodate the following:

- large central space for clinical evaluation, including stocks, imaging equipment e.g. x-ray machine, ultrasound and ideally a basic blood analysis machine
- smaller room for storage of medicines and bandaging materials
- small room for clinical chemistry equipment (i.e. portable laboratory)
- office/reception, (beds, showers, toilets are desirable)
- access by horse trailers (concrete or stone dust ramp) is necessary, power, water supply and sewer connection
- suitable facilities including not less than 4 boxes must be provided for injured horses and horses needing veterinary attention

Preferably off the venue a veterinary pathology facility must be identified where an expert pathologist could carry out a post mortem examination in the event of an equine fatality.

3. COMPETITION FORMATS & TIMETABLE

Competition formats, and qualification systems will be reviewed for each Continental / Regional Games with the FEI Technical Committees to adapt to the level of the development of the sport in the Region as well as qualification opportunities.

The Competition timetable will be developed together with the Organising Committee, FEI Technical Delegates and FEI Headquarters in relation to the competition formats.

4. OFFICIALS

The following FEI listed Officials are necessary for the functioning of Equestrian sport at the level of Regional/Continental Games:

Category of Officials	Number	Appointed by:
Technical Delegates - Jumping - Eventing - Veterinary - Dressage	4	FEI <i>Pre-visits to be organised for the Veterinary, Jumping and Eventing Technical Delegate once appointed. The number of pre-visits will be determined depending if the venue already exists or is being developed.</i>
Course Designers - Jumping - Eventing	2	Appointed by Organising Committee according to FEI Rules – to be approved by FEI
International Judges - Jumping: 5 - Dressage: 5 - Eventing: 3	13	FEI
Veterinary Commission President + 2 Official Veterinarians	3	FEI
Veterinary Service manager	1	OC
Footing Specialist	1	To be appointed by OC
Chief Steward (1 per discipline including one overall)	3	To be adapted according to number of disciplines organised
International Stewards	8	Exact number to be determined with Chief Steward according to number of disciplines organised and number of horses participating
FEI EADMC	1	Equine Anti-Doping control – appointed by FEI
Medical Officer	1	To be appointed by OC

More information about Officials appointments can be obtained directly from the FEI.

National Officials	
National Judges/Referees - Eventing Country Controllers: 2 - Judges Obstacles (Eventing): 35 - Treating Veterinarians: 20	approx. 100 Exact number to be determined with Chief Steward according to number of disciplines organised and number of horses participating
Footing Specialist/maintenance Crew for maintenance.	2 2

Officials Travel, Accommodation and per diem:

The Overall Multisports Games Organiser will be responsible for setting the travel, accommodation and per diem policy to apply to all sports and Officials involved.

Accreditation procedures will be dealt with by the FEI / Continental Equestrian Association accordingly, in accordance with procedures established / implemented by the Organising Committee.

5. INTERNATIONAL MOVEMENT OF HORSES

General

The National Veterinary Authority (NVA) of the host nation will be the competent authority which will work with the OC, NVAs of all potential countries of origin, and the FEI to facilitate the import and export of Horses. The OC is advised to appoint a specialist equine transport / health / quarantine / logistics provider who will work proactively with all border / airport / port authorities to ensure a swift & smooth transfer of all Horses, their attendants, Horse equipment, veterinary supplies, feed & supplements between the port of entry and venue. All policies and procedures must be in place as soon as possible.

Equine health, quarantine, import and export considerations

All health, import, export and quarantine arrangements must be agreed well in advance (approximately 18 months prior to Games) with the National Veterinary Authority of the host country and must consider the following:

- if required (subject to a risk assessment), the length of any required post-arrival quarantine period (in the event of quarantine Horses must be allowed to undergo normal routine including exercise/training and therefore all necessary personnel must be permitted access e.g. grooms, Athletes and team vets)
- disease test types to be carried out during any quarantine period, and stated justification for each
- protocol to manage any Horses testing positive for these tests during the quarantine period and for Horses in contact with these
- any additional tests required by the NVA of the country of origin before departure and re-export to the country of origin
- if relevant, distance from quarantine facility to the Equestrian venue and distance from airport to quarantine facilities, and any precautions to be undertaken during movement between these locations (unless in the exceptional circumstances of host nation legislation requiring post-arrival quarantine, this should be accommodated at the Equestrian venue)
- details of customs' formalities and required border points of entry and exit
- protocols that respect customs and border formalities in a way that prioritises welfare of the Horse and will ensure the smooth and efficient entry and exit of Horses and associated equipment