



# **FIH Approved Field Equipment**

## **Technical officials' booths**

## 1 INTRODUCTION

As part of the FIH's strategy to develop the game and provide reassurance to those investing in hockey facilities, the FIH Quality Programme has developed this guide that defines the quality requirements for FIH Approved Technical Officials Booths.

## 2 APPROVAL PROCESS

For a Technical Officials Booth to be registered as an FIH Approved product the following process needs to be followed:

1. The manufacturer (or supplier) shall become a member of the FIH Quality Programme (see Appendix A and contact [facilities@FIH.ch](mailto:facilities@FIH.ch) for details).
2. The manufacturer should arrange for an example of the Technical Officials Booth to be inspected by a suitable inspection agency, agreed in advance with the FIH, that is able to undertake the necessary checks to verify compliance with this document. Ideally the inspection agency will operate an ISO accredited quality management programme.
3. The results obtained should be reported in English, and be sent to the FIH, by the inspection agency, for review.
4. If the Technical Officials Booth is found to meet the quality levels detailed in this guide, it shall be granted the right to be designated an *FIH Approved* Technical Officials Booth
5. A Technical Officials Booth shall remain approved, providing the manufacturer remains a member of the FIH Quality Programme; no examples of the booth are found to be non-compliant with this guide; and the specification and construction of the Booth does not change.

## 3 REQUIREMENTS

3.1 There are two classes of FIH *Approved* Technical Officials Booth.

Class 1 Technical Officials Booths are used for top level hockey events, such as those organised by the FIH.

Class 2 Technical Officials Booths are smaller than Class 1 booths and are used at lower tier international, national, and club level hockey events.

### 3.2 Design requirements

	Class 1 booth	Class 2 booth
Length	Min. 4.0 m	Min. 2.5 m
Depth (width)	Min. 3.0 m	Min. 1.5 m
Doors	Lockable sliding doors at either side of the booth	Min. 1 side-access door
Celling height	Min 2. 2 m	Min. 2.0 m
Floor height above ground	300 – 350 mm	N/A

- 3.3 The design of the booth should allow the fitting of an internal bench top (nominally full width by 0.8m deep) at a suitable height to allow match officials to sit at it using office chairs. This bench may either be supplied as part of the booth or as a separate item, by others.
- 3.4 The design of the booth shall be water tight.
- 3.5 The lower panels (approximately 0.75 m high) of the booth walls should be impact resistant non-transparent panelling.
- 3.6 The design of the booth shall allow the provision of waterproof mains electrical power outlets and LAN internet connection.
- 3.7 Floors (when supplied) should have an anti-slip finish.

## 4 **Materials**

### 4.1 General

The booth should be made from materials selected so that the structural integrity of the booth is not affected during use or the climatic conditions that can be anticipated for the location the booth is to be supplied to.

Materials should be non-toxic and comply with any national regulations.

When selecting materials, consideration should be given to the eventual disposal of the team shelter having regard to future recycling where possible, and to any possible environmental impact through disposal.

Powder coating should be undertaken in accordance with EN 12206 or EN 13438, as appropriate.

Galvanized treatments to steel components should be applied in accordance with EN ISO 1461.

#### 4.2 Roof and side panels

Translucent roofing and side glazing shall be made from impact resistant polycarbonate, polyester (PetG), or other suitable materials. Minimum thickness 3 mm.

Metallic roof and side panels should be non-corrosive (aluminum) or galvanized steel, etc.

Composite fibreglass and polyester resin shelter constructions should be impact resistant and have with a smooth gel coat finish.

#### 4.3 Support frame

The booth's support frame should be made from non-corrosive (aluminum or galvanized steel, etc) metal extrusion, minimum profile 50 mm x 50 mm.

#### 4.4 Ground anchoring systems

The ground anchoring systems should be protected against corrosion (e.g. galvanized).

## 5 SAFETY IN USE

5.1 The manufacturer's specified method of fitting should ensure the shelter cannot lift from the ground through the actions of wind or users (including mis-use).

5.2 The booth should be designed and constructed so that during use, there is no risk of finger entrapment, crushing or shearing. This should be assessed using the procedures given in EN 913, Annex A.

## 6 ASSEMBLY, INSTALLATION, AND MAINTENANCE INSTRUCTIONS

The manufacturer should provide comprehensive written instructions for assembly, installation (including details of necessary concrete mounting plinths, etc). They should also provide details of all necessary maintenance to ensure the life expectancy of the shelter is achieved.

## 7 WARRANTY

The booth should be supplied with a manufacturer's warranty that provides cover against manufacturing defects and the premature failure (excluding misuse or vandalism) of materials. The minimum duration of the warranty shall be two years (noting manufacturers may include a disclaimer against premature failure due to abuse, misuse, and lack of maintenance).

## APPENDIX A – MEMBERSHIP OF FIH QUALITY PROGRAMME MANUFACTURERS OF FIELD EQUIPMENT

The **FIH Quality Programme** provides consistent and dependable industry standards for a range of equipment and facilities used by the game of hockey.

As a manufacturer of FIH Approved field equipment a company becomes part of an exclusive group that is working in partnership with the FIH to ensure the quality and performance of Hockey equipment.

In addition to demonstrating their commitment to hockey and showcasing industry best practices, they benefit from:

- FIH Certificate of Approval





- The right to use FIH Approved logos on their approved Technical Officials Booths.



- Input into industry development through attendance at FIH technical meetings and the ability to provide feedback on any changes made to the *FIH Hockey Equipment Standards*.
- Increased worldwide exposure and marketing through recognition by the FIH of their products and their presence on the FIH's website. Information will include company name, website, and a list of FIH Approved equipment they manufacture.

### Membership criteria

Either manufacturers or brand owners<sup>1</sup> of hockey field equipment satisfying the qualification requirements of the FIH Quality Programme may apply to join, subject to the following conditions:

1. The product is manufactured under a quality management system (ISO 9001 or similar) at the time of application and for the duration of the product's approval.
2. The manufacturing company complies with all national and local employment laws and the *United Nations Convention on the Rights of the Child*.

3. Payment of the appropriate annual licensing fee, as advised by the FIH.

Suppliers of white label products that have previously been shown to comply with this Standard may also apply for FIH Approval of the product under their own name, subject to them entering a separate licensing contract to the manufacturer and payment of the appropriate licensing fee.

Notes:

1. Brand owners are defined as companies that own the intellectual properties rights to a product but outsource the manufacturing to a third-party company.

## FIH Field Equipment Standards

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Whilst every effort has been made to ensure the accuracy of the information contained in this series of publications, any party who makes use of any part of the Standard in the development of a hockey facility shall indemnify the International Hockey Federation (FIH), its servants, consultants or agents against all claims, proceedings, actions, damages, costs, expenses and any other liabilities for loss or damage to any property, or injury or death to any person that may be made against or incurred by the FIH arising out of or in connection with such use.

Compliance with the requirements detailed in the Standard by a User does not of itself confer on that User immunity from their legal obligations.

Compliance with the requirements detailed in the Standards by a User constitutes acceptance of the terms of this disclaimer by that User.

FIH reserve the right to amend, update or delete sections of the Standard at any time, as they deem necessary.

Any questions about this document should be addressed to:

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