The BETA Standard for Horse Riders' Body and Shoulder Protectors: 2000

10.03.2000

To be known as the 'BETA 2000' Standard

The British Equestrian Trade Association Ltd
Stockeld Park
Wetherby
LS22 4AW

The BETA 2000 Standard for Horse Riders

Body and Shoulder Protectors, Issue 1, 10.03.200

Foreword to the BETA Standard (1995)

This Standard has been prepared under the direction of the British Equestrian Trade Association Limited, by Dr R.I. Woods of the Protective Clothing Research Facility in the Physiological Laboratory of Cambridge University. It is intended that protective clothing conforming to this Standard will comply with the Basic Health and Safety Requirements in Annex II of the Personal Protective Equipment Directive 89/686/EEC.

Foreword to The BETA 2000 Standard, Issue 1.

The main provisions of the BETA Standard (1995) have been incorporated in EN 13158:2000 *Protective Clothing – Protective jackets, body and shoulder protectors for horse riders – Requirements and test methods***.** There are some differences between the two standards therefore the BETA Standard has been revised to include EN 13158:2000 as a Normative Reference and to delete all conflicting text. Products complying with the BETA 2000 Standard will thus also meet the requirements of EN 13158.

Amendments

Number	Date	Page and reference

1. Introduction

This Standard is intended to replace the BETA Standard, 24th April 1995. It contains Normative Reference to EN 13158 and requirements for testing and labelling of products for compliance with the Certification scheme for horse riders' protective equipment operated by the British Equestrian Trade Association Limited. The details of the operation of the scheme are given in informative Annex B which will be re-issued periodically by BETA.

2. Scope

This standard incorporates EN13158:2000 by Normative Reference. It also contains details of the British Equestrian Trade Association Certification scheme for horse riders' protective equipment.

3. Implementation dates

- The first BETA Standard (1991) was withdrawn on 1.1.97.
- The Revised BETA Standard (1995) shall be withdrawn on 1.9.00.
- The BETA 2000 Standard shall be implemented from 10.3.00.

4. Normative References

This Standard incorporates by dated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and are listed hereafter. For a dated reference, subsequent amendments to or revisions of it, apply to this Standard only when incorporated in it by amendment or revision.

EN 13158:2000 *Protective Clothing – Protective jackets, body and shoulder protectors for horse riders – Requirements and test methods***.**

5. Requirements

Products for certification under the British Equestrian Trade Association Limited scheme shall meet all the requirements of **EN 13158:2000.** The certificates shall be valid until the following 1st of July . Renewal of the Certificate shall require re-testing of the product to show that it complies with **EN 13158:2000.**

6. Labelling

Products shall be labelled with BETA 2000 labels as described in Annex A according to the Performance Levels in EN13158:2000 that the products meet.

LEVEL 1 (Vests for Jockeys only)	**Black on white, 2000** Label.
LEVEL 2 (Lower protection for low risk situations)	**Brown on white, 2000** Label.
LEVEL 3 (Normal products)	**Purple on white, 2000** Label

7. Marking

In addition to the requirements in EN13158:2000, and the number of that Standard, products shall be marked with the appropriate Official BETA 2000 Label obtained only from the British Equestrian Trade Association Limited. It is recommended that the BETA 2000 label be placed on the outside of the garment.

8. Information for Users

Protectors conforming to this BETA 2000 Standard and claiming such conformity with permission from the British Equestrian Trade Association Limited shall have attached an authorised swing ticket, the text of which is given in **Annex A**.

ANNEX A

Swing Ticket Wording

The BETA Body and Shoulder Protector Standard

This garment is made to the BETA Standard for Horse Riders' Body and Shoulder Protectors (2000) and EN13158:2000. The BETA Standard provides a minimum industry standard for performance for this type of garment, including guidance on the level of shock-absorbing protection provided. **IT IS NOT A GUARANTEE OF SAFETY**. Any alteration to the protector may mean that it no longer conforms to the BETA Standard.

By certification and classification of this product, BETA does not guarantee that body or shoulder protectors will prevent serious injury.

Three classes are specified.

BETA Level 1: Black 2000	Protectors providing a lower level of protection that is only considered appropriate for licensed jockeys. **"WARNING: This level 1 garment is designed to meet the weight restrictions that apply to licensed jockeys while racing. It is not intended for use in general horse riding as it provides significantly less protection than a level 2 garment, which is the minimum recommended for normal riding."**
BETA Level 2: Brown 2000	Protectors providing a lower than normal level of protection that is only considered appropriate for use in low risk situations.
BETA Level 3: Purple 2000	Protectors providing a level of protection that is considered appropriate for normal horse riding, competitions and for working with horses.

Most riding organisations will accept garments conforming to Level 2 or 3, but purchasers should contact the relevant riding organisation if in doubt.

ANNEX B

The BETA Body Protector and shoulder protector certification Scheme

B1 Introduction

These Instructions form part of the terms of participation in the BETA Body Protector and Shoulder Protector certification Scheme. They may be amended by the Standing Committee from time to time as it sees fit. You should read these instructions in conjunction with the BETA 2000 Standard for Horse Riders' Body and Shoulder Protectors, a copy of which may be obtained from BETA.

B2 Testing and Registration procedure

Manufacturers wishing to take part in the scheme should contact a Test House and BETA to arrange for type approval testing. The following are currently participating in the scheme:

- SATRA Footwear Technology Centre, SATRA House, Rockingham Road, Kettering, Northants NN16 9JH Tel: 01536 410000 Fax: 01536 410626

- Protective Clothing Research Facility, (Cambridge University), Physiological Laboratory, Downing Street, Cambridge CB2 3EG.
  Contact Dr R I Woods, Tel: 01223 333845 (reception 333899)
  Fax: 01223 333840 e-mail riw1000@cam.ac.uk

The manufacturer shall agree with the Test House the sizes of the product that will be supplied for testing and the fee for such testing. A completed Product Examination Form 121 for each model of each product, plus the agreed testing fee, shall be sent to BETA who will then authorise the test house to carry out the testing.

When a garment has been approved the Manufacturer may apply to join the scheme. Application shall be made to BETA enclosing the License fee, a signed form of Indemnity and an order for Swing tickets and Labels.

B3 Notes on Testing

- A Technical File shall be supplied with the products.
- Normally body protectors of a size to fit a user with a chest girth within the range of 85 – 100 cm should be submitted for testing.
- The model name or number must be on Form 121.

- For a **Survey Test to determine the Performance Class of a body protector** (Complete Box A on Form 121).
  Submit 1 body protector sample within the range 85 - 100 cm chest girth, or 2 examples if only smaller or childrens sizes are available.
  Submit a complete Technical File.

- For an **Initial Test including Type Approval Testing** to a stated Class (Complete Box B on Form 121)

Submit 1 body protector sample within the range 85 - 100 cm chest girth, or 2 examples if only smaller or childrens sizes are available.
State the Performance Level of test required.
Submit 2 pairs of Shoulder Protectors.
Submit a complete Technical File.

- **Annual Re-testing** (Complete Box C on Form 121)
  Submit 1 Body Protector identical to the certification sample.
  Submit 1 pair Shoulder Protectors identical to the certification sample.
  Submit, current labels, user instructions and packaging.
  Submit all amendments made to the Technical File in the preceding year.

Tested garments that meet the requirements of the BETA 2000 Standard will be kept by the Test House for eighteen months or until completion of the next Annual re-test, whichever is the shorter period. BETA will not store reference garments.

B4 Approved garments

The Test House will notify the applicant and BETA of the results of the tests which will remain confidential. BETA will issue a Certificate for approved garments valid for the production run of the product or for one year, whichever is the shorter. The names of certified models and of the Manufacturers will be published in Equestrian Trade News.

B5 Indemnity

All Manufacturers participating in the scheme will be required to sign a form to indemnify BETA in the event of any legal action or claims against them.

B6 Renewal of registration

Samples of all products shall be submitted for re-test annually. The renewal date is July 1st. Garments may be submitted for testing from 1st May until June 30th. Any garment not tested and meeting all requirements at 1st September will be deemed no longer approved.

- If any alteration is made to the design or construction of a garment during its period of Certification it shall be submitted for re-testing.

B7 Fees

The level of testing fees shall be announced annually not later than lst of January of the year to which they apply. All fees for testing at the Protective Clothing Research Facility, Cambridge University, shall be paid to BETA who shall be responsible for paying the Test House.
Test House fees are given in Annex C.
The BETA license fee for each producer is £1050 in the first year and £100 thereafter, plus VAT. BETA will issue an invoice for the License and annual registration fees when the test results have been received.

- The scheme is not restricted to members of BETA Manufacturers may use the scheme on payment of the license fees.

- **Non European companies**, are not liable to pay UK VAT. Companies in the EU are required to pay VAT at their local rate.
  Payment shall be made by either cheque in sterling drawn on a British Bank, or by sterling bank transfer to: National Westminster Bank plc, PO Box 7628, 119 High Street, Hungerford, Berkshire RG17 OFW. Account: BETA Ltd No 79243932 Sort Code: 60-11-28
  Foreign currency cheques or cheques in sterling drawn on a foreign bank **will not be accepted.**

B8 Labels and swing tickets

It is a requirement of the BETA 2000 Standard that all garments made to the Standard carry an official BETA label and a swing ticket. These Official Labels and Swing Tickets may only be bought from BETA. The colours of the labels and Swing Ticket are:

Black, 2000 for class 1
Brown, 2000 for class 2
Purple, 2000 for class 3.

The current price for 1000 Labels and Swing tickets is £88. plus VAT plus Carriage. Labels and Swing tickets must be paid for with your order. The design of both is registered by BETA. Labels are woven colour on white taffeta, cut folded and end fused. The Swing Tickets will have a hole but no string or elastic. Allow 4 weeks for delivery

B9 Sanctions

Any garment carrying the BETA 2000 label and suspected of being in breach of the Standard may be reported to BETA. BETA will notify the Standard Committee of each case reported and will warn the manufacturer concerned. No further action will be taken.

If a second report is received on the same garment the Standard Committee will be convened and the manufacturer notified. The Standard Committee will be able to call witnesses and the manufacturer will have the right to submit evidence. The Standard Committee will arrange for testing of the garment. They will do this by purchasing three garments on the open market and submitting them to a Test House for test. The cost of this shall be charged to the manufacturer. If the garment does not meet the requirements of the standard, BETA will issue a press statement notifying the public and the trade that the garment has failed the retest and no longer has BETA approval.

B10 The BETA Body Protector General Committee

The Committee shall consist of the following voting members:

The Chairman of the BETA Retail committee
A representative of the Medical Equestrian Association
A representative of each recognised riding organisation
A riders representative
All manufacturers who are current members of the scheme

There shall also be non-voting members including:
Technical representatives from each of the participating test houses and Notified Body who shall be co-opted.
Co-opted members of interested parties.

The Committee shall meet at least once a year.

! Any manufacturer has the right to submit his own point of view to the committee in writing and may request the committee to discuss any relevant topic

! Any manufacturer or other voting member of the committee has the right to request a meeting of the committee.

B 11 BETA Standard Committee

A Standard Committee can be convened on the initiative of the Chairman in order to resolve a dispute in the General Committee. The Standard Committee shall consist of :

The Chairman
Two representatives of the recognised riding organisations.
A riders representative.
A medical representative.
A manufacturers representative
A technical representative who will be advisory non voting.

B12 Terms of reference of the BETA Body Protector General Committee

The terms of reference of the committee are that it should monitor the performance of the Standard and advise BETA on changes that should be made to it to bring any other relevant matters to the attention of the BETA Council..

B13 BETA Form 121

The format of the BETA form 121 for requesting testing is given below.

BETA BODY & SHOULDER PROTECTOR SCHEME
PRODUCT EXAMINATION FORM 121

Company Name	
Address	
Postcode	e-mail address
Contact Name	

BOX A	**BETA 2000 Standard and CE Type Approval Certification** **Survey testing to determine the highest Performance Level**
Body Protector. Model Name & Number	Technical File identification for the Model.
(Shoulder protectors have one performance level only so do not require survey testing)	

BOX B	**BETA 2000 Standard and CE Type Approval Certification** **Initial testing to the Performance Level stated**		
Body Protector. Model Name & Number (Supply one BP in a size to fit chest girth in the range 94 - 100 cm or 2 if smaller)	Perfor-mance Level	Shoulder Protector. Model Name & Number (Supply two pairs)	Technical file identification for the Model

BOX C	**BETA Standard** **Annual re-testing to the Performance Level previously reached**		
Body Protector Model Name & Number (Supply one BP identical to the initial submission)	Perfor-mance Level	Shoulder Protector Name & Number (Supply one pair identical to the initial submission)	Technical file number, Numbers of any amendments

TURN OVER

TESTING FEES PAYMENT
Test fee payment

Test House	Delete not required * **Dr Woods \ SATRA**	
Survey Testing		**£**
No..... Body Protectors		
Initial Testing		
No ..... Body Protectors		
No ..... Shoulder Protectors		
Annual re-test		
No ..... Body Protectors		
No ..... Shoulder Protectors		
SUB TOTAL		
Plus VAT at 17.5%		
GRAND TOTAL		**£**

I require the above samples to be tested for certification in the BETA 2000 Standard for Horse Riders' Body and Shoulder Protectors. I agree to comply to the Terms as laid down in the Manufacturers Instructions (9th Edition dated 10.03.2000).

I enclose a cheque for £..... .....
*
A Sterling Bank transfer for £.....was made on.....
* DELETE AS NECESSARY

Signed		Name (PRINT)	
Title		Date	

Samples to be sent to either: SATRA Technology Centre, SATRA House, Rockingham Road, Kettering, Northants NN16 9JH

Or Dr R Woods, Tumbleweed, 46 Common Road, Runcton Holme, King's Lynn, PE33 OAA

Send this form, together with your remittance to:
Ms Claire Williams, BETA, Stockeld Park, Wetherby LS22 4AW

PLEASE NOTE Testing will not be authorised until BETA has received Form 121 and the testing fee.
BETA. Will issue an invoice for the License fee and annual registration when the test results have been received.

OFFICE USE ONLY:	Received:	Forwarded:

Annex C
Testing Fees for the year from January 2007

Dr R I Woods (Previously of Cambridge University)
Blue Hibiscus Limited
(Protective Clothing Performance Consultancy)

46 Common Road
Runcton Holme
King's Lynn PE33 0AA

E-mail
riw1000@cam.ac.uk
Mobile +44 7718 867866
Tel 01553 811702

Fee excluding VAT (£)				
Type of test	Garment or protector			
	Body protector without shoulder protectors	Shoulder protectors without associated body protector	Body protector with attached shoulder protectors	Additional size of body protector for size verification
Initial Test of New Product	525	290	650	115
Annual re-test of unmodified products	230	115	290	115
Annual 'Re-test' of revised products with amendments to the Technical File	350	175	410	115
New foams	105	70	175	--

Notes:

Technical File

Test reports to be used in the Certification process have to show that the Technical File details are correct. Products submitted for survey or initial testing without adequate Technical Files may require complete re-testing with their Technical File in order to issue a Test Report usable for the certification process.

Failures

The fees for testing garments that fail to meet the requirements will be charged on the time spent ascertaining that a pass will not be achieved and in detailing the causes. If appropriate a credit will be noted on the Report to BETA.

Completion of testing of initial failures

The fees for continued testing of submissions that initially do not meet the requirements of the Standard, will be at the current hourly rate (£70/hour) charged by **Blue Hibiscus Ltd** for testing. **Blue Hibiscus Ltd** will invoice the Company directly.

Annual re-tests with product modifications

Product modifications and Technical File revisions have been found to cause the Annual re-test process for some manufacturers to become unduly lengthy. Any additional time beyond this will be charged at the current hourly rate (£70/hour) charged by **Blue Hibiscus Ltd** for testing. **Blue Hibiscus Ltd** will invoice the Company directly.

Other costs

Garments in extreme sizes will possibly be subject to surcharge. Transport costs, customs and any other obligatory costs will be charged to the manufacturer by Blue Hibiscus Ltd.

S G S Yarsley ICS Ltd

Contact:

Mr M Christie
SGS United Kingdom Limited
Consumer Products Division
Gaw House
Alperton Lane
Wembley
Middlesex HA0 1WU

Tel. 0208 991 4985
FAX 0208 997 9723
e-mail mchristie@sgsgroup.com

Certificates are issued from the following address which is required to appear in the Manufacturer's Information for Users:

SGS House,
217 - 221 London Road,
Camberley,
Surrey GU15 3EY

Certification Fees

Initial Certification:	Not more than £450.00
Subsequent Certification:	£300.00
Re-certification of a change of design:	By negotiation

SATRA FOOTWEAR TECHNOLOGY CENTRE

SATRA House
Rockingham Road
Kettering.
Northants NN16 9JH

Tel: 01536 410000
Fax: 01536 410626
E-mail austins@satra.co.uk

BETA 2000 Standard test fees applicable after 1st January 2008

The cost for **New Testing** to SATRA Non –Members is as follows:

1. Body Protectors (per style/ model in one size at one impact level only) = £ 651.00
   (+ VAT, cost of innocuousness & cost of EC type examination)
   Each additional impact level: £232 + vat
   Each additional size: £198 + vat, Optional 30˚C impact test : £232

2. Shoulder Protectors (per style/ model in one size at one impact level only) = £ 336.00
   (+ VAT, cost of innocuousness & cost for EC type examination)

   Each additional impact level: £232 + vat
   Each additional size: £198 + vat Optional 30˚C impact test : £232

3. Please be advised that we are unable to provide accurate quotes for innocuousness testing until samples have been received and an initial examination of the submitted products has been carried out. In order to satisfy the EC Type Examination requirements, additional EN 340: 2003 innocuousness testing MUST be carried out, in addition to that testing required by EN 13158: 2000 before the product can be certified.

   An examination of the products will be carried out upon receipt of the samples to determine the number of materials that will need to be tested, and an accurate quote will be provided.

   In cases where one or more styles and more than two additional sizes are supplied we may be able to offer some bulk testing discounts.

4. **Annual Re-tests**:
   Body Protector (per model at one impact level only and at ambient temperature only) £524 + VAT

   Shoulder Protector (per model at one impact level only and at ambient temperature only) £303+ VAT

   Additional impact levels or high temperature impact testing will be charged at £232 per level/ temperature.

5. All other non standard testing - POA
   All charges subject to VAT at the current rate.

Note: All tests are accredited by the United Kingdom Accreditation Service (UKAS)