



Derry City & Strabane
District Council

Comhairle
**Chathair Dhoire &
Cheantar an tSratha Báin**

Derry Cittie & Stràbane
Destrict Council



Derry City & Strabane District Council
Environmental Health Service

Officer's Guidance Horse Riding Hats

European Equestrian Riding Helmet
standard withdraw (1384)

Horse riding hats safety information

www.derrystrabane.com

Horse riding hats safety information

Modern technology has enabled manufacturers to produce hats which are very strong, lightweight and extremely comfortable to wear. All hats and skulls must be fitted with an integral adjustable nylon harness, must bear the CE mark showing compliance with the basic health and safety requirements shown in the PPE Directive. This compliance is usually shown by meeting one of a range of **standard**, having passed the required test.

If **that** hat suffers a severe impact – which can include dropping it on a hard surface from height, it should be thrown away and a new one purchased. **It is easy to replace a hat, but impossible to replace a head!**

European Equestrian Riding Helmet standard withdraw (1384)

EU Commission that the European Equestrian Riding Helmet standard (BS)EN1384 were withdrawn from the Official Journal of the European Union (OJ). The EN1384 and thus the BSEN1384 specifications have proved to be a popular standard throughout Europe.

Why the changes?

The existing EN1384 standard is currently in the process of revision. In the future, CE marked riding hats will have to be successfully tested and certified against an alternative specification to allow CE certification to continue. Companies can choose which they use and could include the new VG1 specification, the revised version of EN1384 once published, PAS015. Riding hats cannot be CE marked solely to Snell, ASTM F1163 or the AS/NZ3838(2006) without additional testing.

Current Standards

European standards are put together by a technical committee comprising representatives of every EU state. These are reviewed every five years or following a complaint about its efficacy and although a review does not necessarily lead to a new standard, history has shown that a new standard emerges every ten years or so. PAS standards are managed by the BSI and are reviewed every two years.

PrEN1384 2016

This revision of the above standard is currently going through voting but is not expected to be available to the market until 2016/17. No hats are being made to this draft specification.

VG1 (with or without Kitemark or IC Mark)

Developed by Vertical Group 1, comprising the notified bodies who test and certify hats around Europe, this testing specification is based on the EN1384 with additions to the requirements and testing procedures to bring it up to a level similar to PAS015. As this is an interim specification it is not expected to exist longer than the time it takes to prepare the new EU standard

PAS015: 1998/ PAS015: 2011 (with or without Kitemark mark or IC Mark)

This stands for Product Approval Specification and was developed by the British Standards Institute (BSI) in response to concerns about the time it was taking to develop what would become the EN1384. The first version was formulated by looking at drafts for the European standard and taking the highest option in each case.

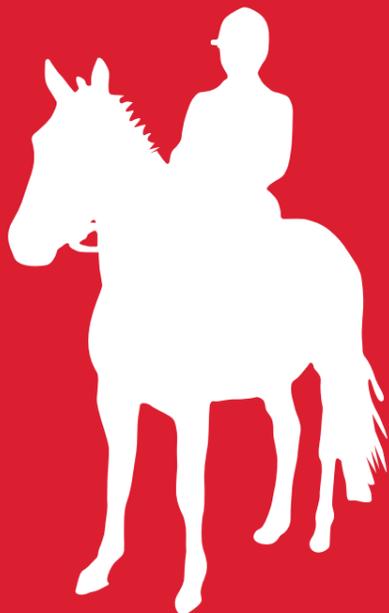
The 1998 revision of the PAS015 addressed new areas of protection



Derry City & Strabane
District Council

Comhairle
Chathair Dhoire &
Cheantar an tSrátha Báin

Derry Cittie & Stràbane
Destrict Coouncil



such as crush resistance and protection against injury when landing on an edged surface. As the test line is lower at the front it tends to lead to slightly bulkier helmets. A stability test is also included to limit excessive movement during wearing or a fall. This has been revised in 2011 with an increased drop height and several other amendments affecting the performance of hats. The 1998 version is no longer manufactured.

ASTM F1163: 2004a/ 2015 (with SEI mark)

This is the American standard for riding hats and is similar to PAS015:1998 although it does not include a lateral rigidity (crushing) test nor a penetration test, meaning these hats often have quite large ventilation holes or slots. There is much debate about the ventilation holes and whether they do help to cool the head or put the rider at more risk of penetration type injuries. There are many helmets on the market however with ventilation holes that do pass the PAS and EN1384 penetration tests as well as the ASTM standard.



Snell E2001

This standard was developed in America by the Snell Institute. It is a higher performance standard which includes all aspects of ASTM and PAS 015 but with a sharper horseshoe anvil (to replicate a horse kick or impact with a sharp surface), higher impacts and an additional hemispherical anvil to represent an uneven but not sharp surface such as a tree, fence or cobbled surface.



AS/NZS 3838: 2006 (with SAI global mark)

This Australasian standard is comparable to the EN1384 but testing includes the hazard anvil from PAS 015 but does not include a penetration test.

Quality Symbols



IC Mark

A quality mark operated by Inspec and applied to PAS015 and VG1 compliant helmets.



SEI - Safety Equipment Institute

The SEI quality mark is the American equivalent of the Kitemark for ASTM standard hats. The SEI is an organization similar to the BSI, set up to test the claims of manufacturers that their product meets the claimed standard. Its system of regulation includes design approval and audit testing of product. Hats must be tested a minimum of annually, however the company must also show an internal auditing and quality control system of regular testing that may include batch testing.



SAI Global

The “five ticks” Standards Mark for the Quality Assurance Scheme of Australia shows certification to their version of the Kitemark, requiring batch testing and company auditing



Who will allow Which hat?

Riders competing under the rules of a Discipline or the Pony Club or Riding Clubs should refer the respective rule books as to the standards allowed under such rules.

This Project funded by department of business skills and innovations horse riding hats 2016/2017



Useful links:

<http://www.bhs.org.uk/our-charity/press-centre/news/july-to-dec-2014/bsen1384-helmet-hat-standard-withdrawn-beta-safety>

<http://www.bef.co.uk/News-Detail.aspx?news=European-Equestrian-Riding-Helmet-standard>

This information is available upon request in a number of formats including large print, Braille, PDF, audio formats (CD, MP3, DAISY) and other minority languages.

For further information on alternative formats please contact

tel: 028 71 253 253

text phone: 028 71 376 646 or

e-mail: equality@derrystrabane.com



www.derrystrabane.com