

1 Existing Rule (reminder: valid 2012/13)

6. Crash helmets

The use of crash helmets is compulsory for all events. Only helmets are permitted whose shell and padding cover the head and ears. The National Ski Associations are advised to provide their teams only with crash helmets which satisfy the minimum requirements for the respective event and which have been certified by recognised institutes.

Helmets with spoilers or edges that protrude are not permitted. Certain helmets must show a smooth top surface for safety reasons. Helmets used in FIS Snowsports shall be specifically designed and manufactured for the respective discipline and shall bear a CE mark and conform to recognized and appropriate standards such as CEE 1077 or US 2040, ASTM F2040, SNELL S98 or RS 98, etc. Soft ear protections are only allowed for SL events.

For World Cup events (DH/Super-G), the helmets must fulfil the following specific additional requirement: the maximum deceleration measured during the impact established based on the test described in the norm EN 1077 Class A must be equal or lower to 230g (NB: according to standard

EN 1077 Class A: equal or lower to 250g). The helmet must bear a specific label / marking of minimum 1sqcm applied by the manufacturer on the outside shell and stating "DH/SG" confirming that such requirement is fulfilled.

2 New Rule from 2013/14

2.1 General Principles

The use of crash helmets is compulsory at all FIS alpine ski events.

The crash helmets shall have no spoilers nor protruding parts.

The crash helmets models shall comply with safety standards set forth below in regard to the specific disciplines.

2.2 Safety standards

The crash helmets used in the respective alpine ski disciplines shall satisfy the following safety standards:

2.2.1 GS/SG/DH

Requirements:

- Helmet model to fulfill and to be certified under **both** ASTM 2040 and EN 1077 (class A)

- **In addition** Helmet model to pass an additional specific test under EN 1077 test procedure but at higher test speed of 6.8m/s
 - **Additional test to be effected through CEN laboratories. The laboratory shall issue a test protocol showing that the tested model passed the EN test requirements at the increased speed.**

Label attesting conformity with FIS specifications for racing helmets (GS/SG/DH):

Fulfilment of requirements is to be attested by a specific standardised conformity label affixed in a non removable way at the back of the helmet in a location which is and shall remain visible. The label shall in particular not be covered by the goggle strap. The conformity label is shown in the attachment. It shall include the following text: «Racing helmet conform to FIS specifications 2013». Labels affixed by manufacturers shall comply with the specifications set forth in the attachment.

The conformity label attests that the manufacturer has obtained the required certifications (EN 1077 A and ASTM 2040) and obtained a test protocol confirming that the concerned helmet model fulfils the requirements set forth above under 2.2.1. Upon request, the certification documentation and test protocol shall be provided to the FIS.

2.2.2 SL

Requirements:

- Helmet model to be certified under EN 1077 (class B) or ASTM 2040 as minimum standards
 - NB1: soft ear padding is allowed
 - NB2: crash helmets fulfilling higher safety standards can be used a fortiori in SL. This includes:
 - EN 1077 (Class A), SNELL 98 and all helmets fulfilling the GS/SG/DH specific standard described above.

Labels:

Compliance with the above requirements is attested by the corresponding certification label (e.g. CE label) and/or by the conformity label set forth above under 2.2.1.

2.2.3 General reminders

It is reminded that the manufacturers remain the only entities liable in regard of product liability in connection with manufactured helmets. It is further reminded that crash helmets must be worn in strict compliance with instructions of use and do not offer an absolute protection against the consequences of accidents.

2.3 Implementation - Transitory regulations

2.3.1 Season 2012/2013

Helm models fulfilling the specific standard GS/SG/DH described above can already be used in all events.

Label attesting conformity with FIS specifications for racing helmets

(GS/SG/DH):

Fulfilment of requirements is to be attested by a specific standardised conformity label affixed in a non removable way at the back of the helmet in a location which is and shall remain visible. The label shall in particular not be covered by the goggle strap. The conformity label is shown in the attachment. It shall include the following text: «Racing helmet conform to FIS specifications 2013». Labels affixed by manufacturers shall comply with the specifications set forth in the attachment.

The conformity label attests that the manufacturer has obtained the required certifications (EN 1077 A and ASTM 2040) and obtained a test protocol confirming that the concerned helmet model fulfils the requirements set forth above under 2.2.1. Upon request, the certification documentation and test protocol shall be provided to the FIS.

2.3.2 Season 2013/2014

- In FIS level races, the helmets fulfilling the requirements valid in 2012/13 may still be used during season 2013/14.

2.3.3 Season 2014/15

- New regulation (2013/14) applicable at all levels without exception.



Minimum Width : **10 Mm**

Minimum height : **15 Mm**