Société Nationale de
Certification et d'Homologation

Société à responsabilité limitée

EC TYPE EXAMINATION CERTIFICATE

The Société Nationale de Certification et d'Homologation s.à r.l. (SNCH) Luxembourg certifies in accordance with SNCH procedures that the Manufacturer named in column 1 fulfils the provisions of the Directive 89/686/EC

1. Manufacturer:	BaoAn QingGong (ShiYan) Hung Fat Production Plant Tangtou Foreign Trade Light Industry Development Industrial Zone, Shiyan Town Bao'an District, Shenzhen City, P.R. China
2. EC Conformity Certificate No:	SNCH*89/686*96/58*0058*00
3. Certificate Holder:	BaoAn QingGong (ShiYan) Hung Fat Production Plant Tangtou Foreign Trade Light Industry Development Industrial Zone, Shiyan Town Bao'an District, Shenzhen City, P.R. China
4. Notified body, delivering the certificate:	Société Nationale de Certification et d'Homologation No. 0499
5. EC Directive Applicable:	89/686/EC amended by 96/58/EC, Annex II EN 1077: 2007
6. Number of test report:	85-EN1077-684/09
7. Description of Equipment: **- Type of equipment:** **- Trade mark:** **- Type N°:** **- Helmet Class:** **- Sizes:**	 **Helmets for alpine skiers and snowboarders** HFP HF002-L Cass B 60 to 63 cm
8. Statement of Conformity: TÜV	It has been verified that the manufacturer meets the provisions of the Directive. Periodical inspections are carried out by TÜV Rheinland Italia S.r.l.
9. Certificate valid: **Place:** **Date:** **Stamp and Signature:**	06.07.2014 Sandweiler July 07th, 2009 Société Nationale de Certification et d'Homologation snch Claude LIESCH Directeur
Remarks:	None

Technischer Dienst TÜVRheinland C Typprüfstelle Fahrzeuge/Fahrzeugteile

Adresse:
BP 23
L-5201 Sandweiler

Siège social:
11, route de Luxembourg
L-5230 Sandweiler

Capital social: 1.000.000 €
R.C. B 27180
N° TVA: LU 13770825

Tél.: (+352) 35 72 14 - 250
Fax: (+352) 35 72 14 - 244
E-mail: info@snch.lu
Home page: www.snch.lu

TEST REPORT

Verification of the compliance of a helmet with the requirements regarding

89/686/EEC
(including all amendments up to 96/58/EEC)

and

EN 1077:2007

Helmets for alpine skiers and snowboarders

Previously granted	
EC Conformity Certificate	: --

Structure of report :

0. General
1. Test object(s)
2. Test minutes
3. Comments to test object
4. Appendices
5. Statement of conformity

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

0. General

0.1.	Trade name or mark	:	HFP
0.2.	Type	:	HF002-L
	Version	:	---
0.3.	Name and address of the manufacturer	:	BaoAn QingGong (ShiYan) Hung Fat Production Plant Tangtou Foreign Trade Light Industry Development Industrial Zone, Shiyan Town, Bao'an District, Shenzhen City, P.R. China
	of the authorized representative	:	Not applicable
0.4.	Number of information folder	:	HFP-HF002-L-00
	Date	:	June 29, 2009
	Revision status	:	not applicable

1. Test object(s)

1.1.	Description		
	Identification number	:	without, Prototype
	Type	:	HF002-L
1.1.1.	Structure of the helmet	:	The helmet HF002-L is composed of a PC shell. The protective padding is made of one EPS (Expanded Poly Styrene) size liner. The adoption to the different head sizes in the size range is done by the adjustment of fit system.
1.1.2.	Structure of visor	:	not applicable

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

1.1.3	List of parts	:	See information document of the manufacturer
1.1.4	Location of the marking	:	inside of the protective padding
1.1.5.	Helmet sizes	:	60-63CM
1.1.6.	material of the outer shell	:	PC
1.1.7.	material of the visor	:	not applicable
1.1.8.	marking of the visor	:	not applicable
1.2.	Remarks	:	Without

2. Test minutes

2.1.	Test equipment	:	The measurement equipment used was in compliance with the test requirements.
2.2.	Test results		
2.2.1.	Summary of test results	:	See test minutes Appendix 1
2.3.	General information about the tests		
2.3.1.	Test object received on	:	June 09, 2009
2.3.2.	Test date	:	June 09, 2009
2.3.3.	Test site	:	TÜV Rheinland (Guangdong) Ltd. Guangzhou Helmet Laboratory Guangzhou Auto Market Yuan Gang Section of Guangshan Road Guangzhou 510650, P.R. China
2.3.4.	Remark	:	The results of the test refer exclusively to the object(s) mentioned at point 1 of this report.

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

3. Comments to the test object : ---

4. Appendices

0 List of modifications

L Technical description of type and communication concerning the EC Conformity Certificate

1 Test minutes : Appendix 1

Information folder : HFP-HF002-L-00 (12 pages)

5. Statement of conformity

The object submitted to tests complies with the requirements mentioned in the subject as well as the helmet with the accessories covered by the above mentioned information folder.

The directive 89/686/EEC, particular the requirements of annex II, are fulfilled.

It has been verified that the manufacturer meets the provisions of the Directive. Periodical inspections are carried out by TÜV Rheinland Luxemburg GmbH.

The test report comprises - including appendices 0 to 1 – the pages 1 to 10 and shall not be reproduced except in full without the written approval of the testing laboratory.

Luxembourg, July 01, 2009
TYY

M.S. Tony Yan

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

List of modifications

Appendix 0

Correction of	:	---
Modification of	:	---
Addition of	:	---
Deletion of	:	---

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

Technical description of type and communication concerning the EC Conformity Certificate

Appendix L

1.	**Manufacturer**	:	BaoAn QingGong (ShiYan) Hung Fat Production Plant Tangtou Foreign Trade Light Industry Development Industrial Zone, Shiyan Town, Bao'an District, Shenzhen City, P.R. China
2.	**Conformity Certificate No:**	:	SNCH*89/686*96/58*XXXX*00
3.	**Certificate Holder**	:	BaoAn QingGong (ShiYan) Hung Fat Production Plant Tangtou Foreign Trade Light Industry Development Industrial Zone, Shiyan Town, Bao'an District, Shenzhen City, P.R. China
4.	**Body, delivering the certificate**	:	Société Nationale de Certification et d'Homologation
5.	**EC Directive Applicable**	:	89/686/EC amend. by 96/58/EC, Annex II, EN 1077
6.	**Number of test report**	:	85-EN1077-684/09
7.	**Description of Equipment**		
	Type of Equipment	:	Helmets for alpine skiers and snowboarders
	Trade mark	:	HFP
	Type	:	HF002-L
	Versions	:	---
	Helmet Class	:	~~CLASS A~~ / CLASS B
	Sizes	:	60-63CM
8.	**Statement of Conformity**	:	It has been verified that the manufacturer meets the provisions of the Directive. Periodical inspections are carried out by TÜV Rheinland Luxemburg GmbH.
9.	**Certificate valid**		
	Place	:	
	Date	:	
	Signature	:	
	Remark	:	None

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

1. General

Appendix 1

1.1.	Make	:	HFP
1.2.	Type	:	HF002-L
	Version	:	---
	Technical description helmet	:	The helmet HF002-L is composed of a PC shell. The protective padding is made of one EPS (Expanded Poly Styrene) size liner. The adoption to the different head sizes in the size range is done by the adjustment of fit system.
	Technical description visor	:	not applicable
1.3.	Name and address of manufacturer	:	BaoAn QingGong (ShiYan) Hung Fat Production Plant Tangtou Foreign Trade Light Industry Development Industrial Zone, Shiyan Town, Bao'an District, Shenzhen City, P.R. China
1.4.	Name and address of manufacturer's authorized representative	:	Not applicable

2. General arrangement of the helmet

2.1.	General requirements	:	The requirements of the test area, materials, construction are fulfilled for all helmet-sizes. The helmet is equipped with automatic buckle. The free end of the chin strap is adjusted. Means are provided to prevent the retention system being completely undone. The requirements of the marking are fulfilled for all helmet sizes. Manufacturer-information about size ~~and weight~~ are located on the outer shell by adhesive label(s). Additional consumer information, in accordance to the directive 89/686/EEC, is given by the owners manual, which is enclosed to the offered helmet.
2.2.	Shock-absorption-tests	:	The determined values of acceleration were below the limit of 250g at an impact speed of 5,42 m/s on the flat anvil.

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

helmet size : 60-63CM
test-head-size : 605
anvil type : flat

Conditioning	Impact point	Res. acceleration [g]
Helmet 1 Ambient Temp.	1st point	168
	2nd point	206
Helmet 2 Low Temp. (-25°C)	1st point	185
	2nd point	217
Helmet 3 High Temp. (+70°C) + Artificial aging	1st point	183
	2nd point	114

helmet size : 60-63CM
test-head-size : 625
anvil type : flat

Conditioning	Impact point	Res. acceleration [g]
Helmet 5 Ambient Temp.	1st point	182
	2nd point	156
Helmet 6 Low Temp. (-25°C)	1st point	181
	2nd point	156
Helmet 7 High Temp. (+70°C) + Artificial aging	1st point	117
	2nd point	171

2.3. Dynamical Test of the retention system

Helmet size	60-63CM		Limits
Test head size	605	625	
Sample No.	Helmet 4	Helmet 8	
Dynamic movement (mm)	22.3	24.0	≤ 35 mm
Permanent movement after 2 min. (mm)	16.3	20.5	≤ 25 mm
Remark: after the test with the load still applied, the release system can be opened with one hand.			

2.4. Test of field of vision

Helmet size	60-63CM		Limits
Test head size	605	625	
Sample No.	Helmet 1	Helmet 5	
Vertical angle of vision (°)			
Upwards	30	30	≥ 25°
Downwards	> 45	> 45	≥ 45°
Horizontal angle of vision (°)	> 210	> 210	≥ 210°

2.5. Retention (detaching) test

Helmet size	60-63CM		Limits
Test head size	605	625	
Sample No.	Helmet 1	Helmet 5	
Movement of the reference line (°)	23	30	the sample shall not come off the headform

2.6. Penetration test

Helmet size	60-63CM		Results
Test head size	605	625	
Sample No.	Helmet 4	Helmet 8	positive

2.7. Helmet inspection and determination of mass

Inspection items	Results	Limits
Helmet size	60-63CM	
Chin strap width	15.0	≥ 15 mm
Helmet mass	450 g	Rounded off to the nearest 10 g

Content

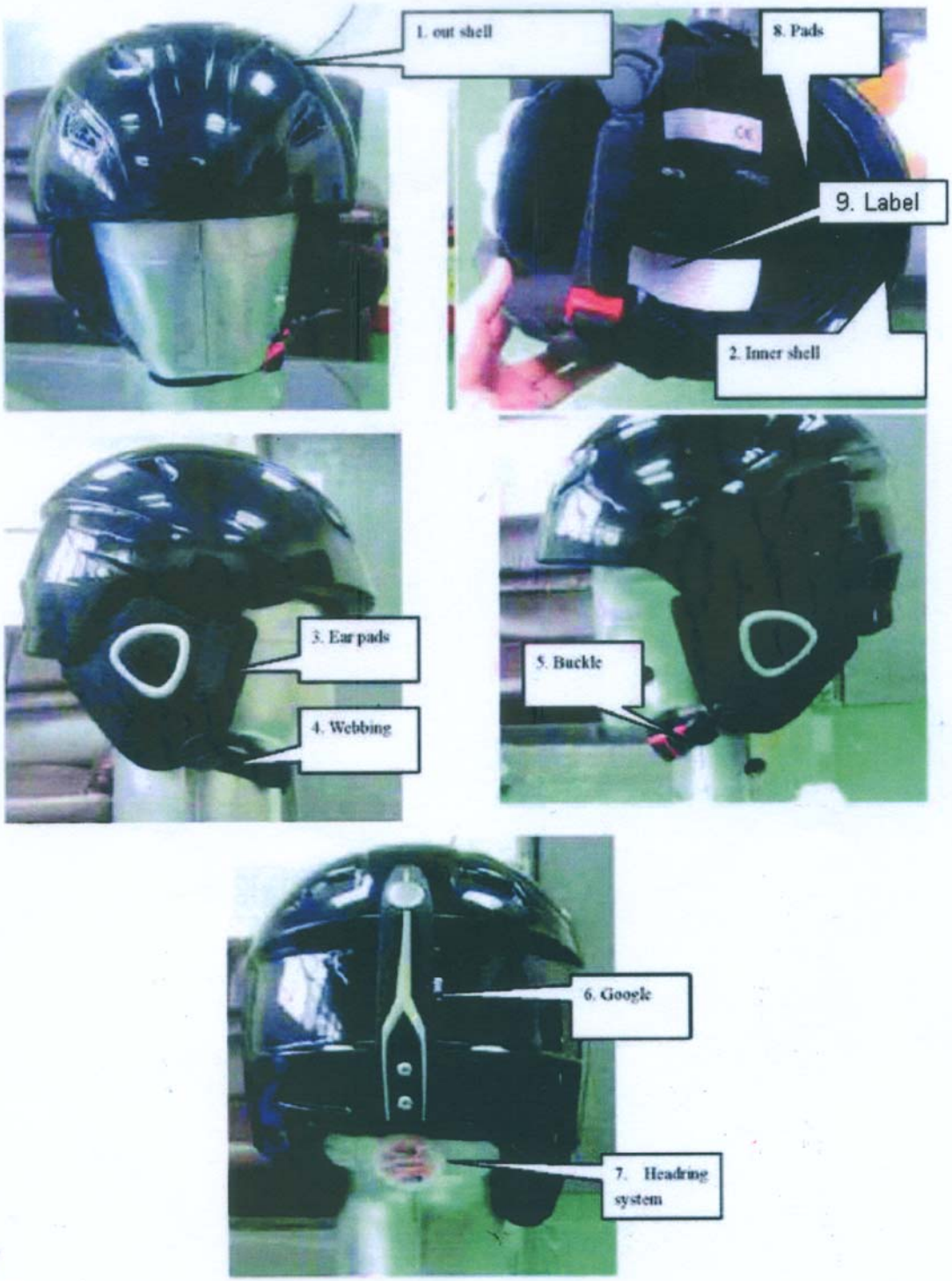
DOCUMENT	PAGE
Technical description	2
Assembly drawing	3
Material list of parts	4
Helmet section view	5
Constructional data	6
EPS details	7
Retention system	8
Label(s)	9
User manual	10-11
Helmet assembly pictures	12

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

INFORMATION DOCUMENT FOR EC TYPE EXAMINATION CERTIFICATE OF HELMETS FOR ALPINE SKIERS AND SNOWBOARDERS

1.	Make (trade name or mark of the manufacturer)	: HFP
	Commercial mark(s)	: ---
2.	Type	: HF002-L
	Commercial description(s)	: ---
	Version	: ---
3.	Sizes	: 60-63CM
4.	Helmet class	: ~~CLASS A~~ / CLASS B
5.	Name and address of the applicant	: BAOAN QINGGONG (SHIYAN) HUNG FAT PRODUCTION PLANT Tangtou Foreign Trade Light Industry Development Industrial Zone, Shiyan Town, Bao'an District, Shenzhen City, P.R. China
6.	Name and address of the manufacturer	: BAOAN QINGGONG (SHIYAN) HUNG FAT PRODUCTION PLANT Tangtou Foreign Trade Light Industry Development Industrial Zone, Shiyan Town, Bao'an District, Shenzhen City, P.R. China
7.	Name and address of the manufacturer's representative	: not applicable
8.	Brief description of the helmet	: Helmets for alpine skiers and snowboarders
9.	Name and address of assembly plant	: BAOAN QINGGONG (SHIYAN) HUNG FAT PRODUCTION PLANT Tangtou Foreign Trade Light Industry Development Industrial Zone, Shiyan Town, Bao'an District, Shenzhen City, P.R. China
10.	Applicable regulation	: 89/686/EEC (including all amendments up to 96/58/EEC) and EN 1077:2007

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

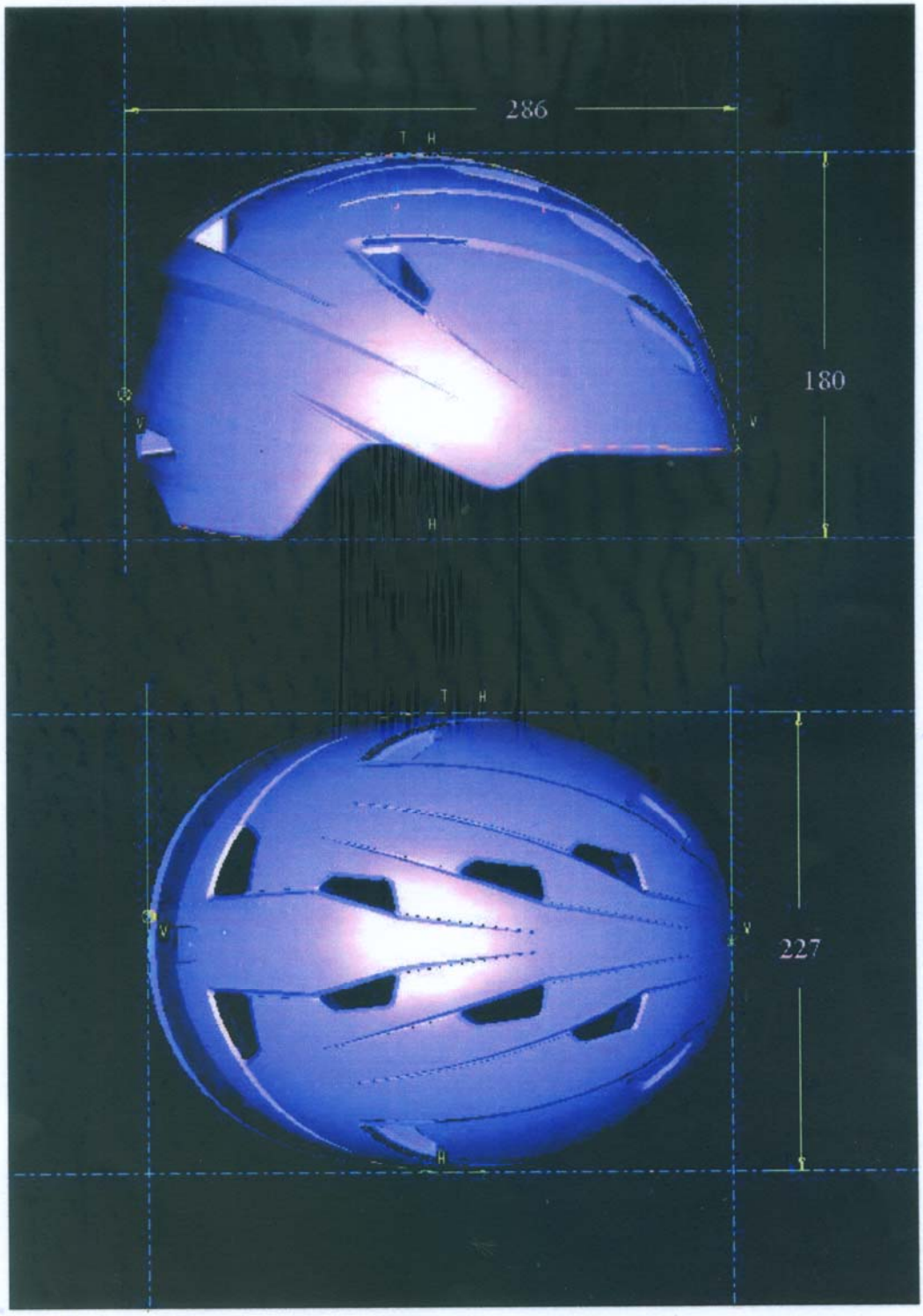


DRW.	HF002-L-01	Assembly Drawing

Part No.	Subject or name	Material
1	Outer shell	PC
2	Inner shell	EPS
3	Ear pads	Velvet + foam
4	Webbing	Nylon
5	Buckle	Nylon+Pom
6	Goggle base	Silica
7	Head ring system	PE+PP+POM
8	Pads	Foam + velvet
9	Label	Paper

Material list of parts

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)



DRW.	HF002-L-02	Helmet section view

Constructional Data

1. Dimension of the shell:

SIZE	Length (mm)	Width (mm)	Height (mm)
L	286	227	180

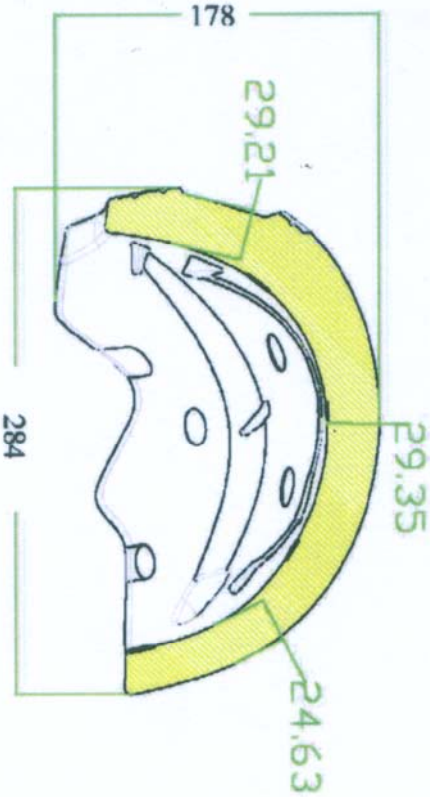
2. Total weight of the helmet:

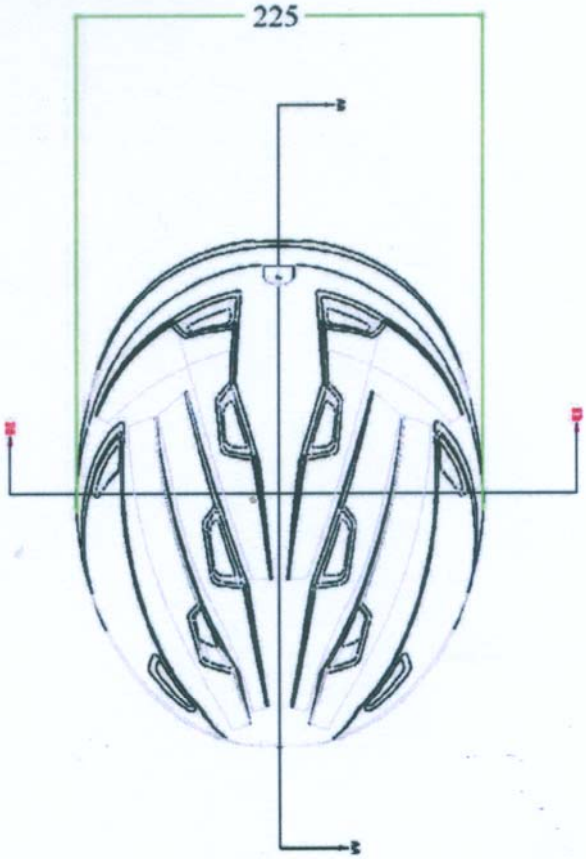
Size	Weight (g)	Tolerance (g)
L	450	±15

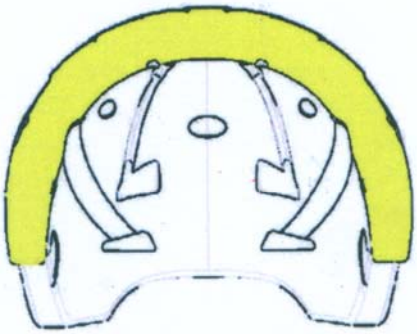
3. constructional details:

Item	Length [mm]	Width [mm]	Height [mm]	Thickness [mm]	Material
Inner shell	284	225	178	75G/L	EPS
Outer shell	286	227	180	1.0	PC
Webbing	1020	15	-	1.35	Nylon
Pads	-	-	-	7	Foam
Head ring system	-	-	-	-	PE+PP+POM
Buckle	47	22.5	14	-	POM

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

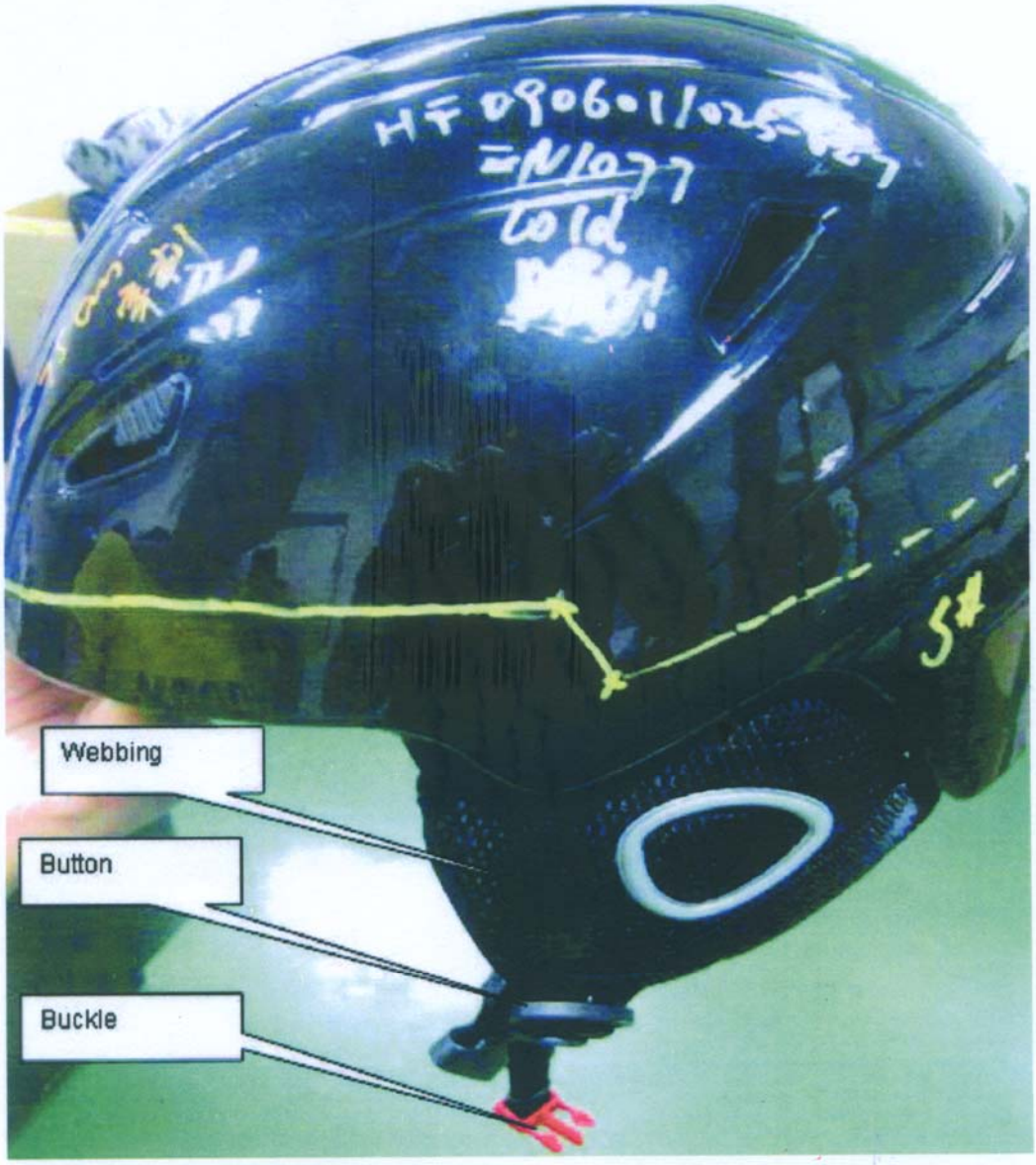






SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

DRW.	HF002-L-03	EPS details



SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

DRW.	HF002-L-04	Retention system

Warning: This helmet is intended for Recreational Snow sports only. No helmet can protect against all possible impacts and serious injury or death can occur. For maximum protection the helmet must befitted and attached properly to the wearer's head in accordance with the manufacture's fitting instructions. This helmet may, after receiving an impact, be damaged to the point that it is not longer adequate to protect the head against further impacts, and this damage may not be visible to the user. If this helmet sustains an impact it should be returned to the manufacture for inspection or be destroyed and replaced. This helmet can be damaged by contact with common substances such as ammonia, bleach, petroleum product, or paints and this damage may not be visible to the user. For cleaning, use only mild soapy water and wipe and type dry with this helmet. Make no modifications.

Model: HF002-L
Manufactured: June 1, 2009
According: EN 1077
Weight: 450g
Size: 60-63CM
helmet for alpine skiers and for snowboarders – class B
BaoAn QingGong (ShiYan) Hung Fat Production Plant

CE

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

DRW.	HF002-L-05	Label(s)

INSTRUCTIONS ON ASSEMBLY AND USE

CONGRATULATIONS ON PURCHASING YOUR PRODUCT!

Please read these instructions carefully. The instructions are an integral part of the product. Therefore, please store them and the packaging carefully in case questions arise in the future. Please always include these instructions when you are handing on the product to a third-party. Children should only assemble, use or repair the product when they are under adult supervision. This product is not suitable for industrial use.

Technical specifications:
Item: Ski helmet
Item number: HH002-S
Adjustable from 52-55cm head circumference
Weight: 400G
Material: PC+EPS

Technical specifications:
Item: Ski helmet
Item number: HH002-M
Adjustable from56-59cm head circumference
Weight: 415g
Material: PC+EPS

Technical specifications:
Item: Ski helmet
Item number: HH002-L
Adjustable from60-63cm head circumference
Weight: 450G
Material: PC+EPS

Helmet for alpine skiers and snowboarders – class B
Class A and class B helmets are for alpine skiers, snowboarders and similar groups. Class A helmets offer comparatively more protection. Class B helmets may offer greater ventilation and better hearing, but protect a smaller area of the head and give a lesser degree of protection from penetration.

LIMITED IMPACT PROTECTION

Protection from various injuries. The strength of impact in even innocuous accidents or at low speed can cause serious or fatal injuries. The energy absorbent material used in the ski helmet rupture on impact. In many cases the materials may be completely destroyed. In such a case, some of the strength of impact is transferred to the head. If the strength of impact is high it can lead to serious of fatal injuries. As each individual accident is different it is not possible to predict when this may happen. Every ski helmet subjected to a powerful impact may loosen or be damaged.

INSTURCTIONS

- The ski helmet has been developed for alpine skiers and may not be used when driving vehicles.
- The ski helmet only provides protection when it is worn correctly. Different

STEP 1:
Wear the helmet in the correct position. Always wear the helmet in such a way that the forehead is covered. important: for the helmet to fit correctly on the head all setups must be undertaken.

STEP 2:
The ear pads can be fitted and removed.

STEP 2.1:
Assembly: Open the chin strap. Thread the chin strap through the loop in the ear pad so that the light grey side is to the inside and the hard edge with the insert nose is towards the helmet. The nose should then be inserted into the open slot in the helmet and pressed tightly. The ties of the chin cup should then run in a v-shape between the ear pad and shell of the helmet. The plastic eyelet is located below the ear pad.
Release: To release, tug slightly on the ear pad and release it from the chin strap.

STEP 2.2:
Assembly: Insert the ear pad appropriately between the helmet and cushioning and push it in deeply until you can close the snap fastener by pressing on it.
Release: Open the snap fastener and carefully pull out the ear part between the shell and lining.

STEP 3:
Straps setup: The front and rear straps must loosely join below and in front of the ears.

STEP 4:
Straps strap under the chin: Always wear the helmet with the buckle closed and a well-tightened strap. Ensure that the strap is not fitted at the chin but back against the throat. Fitting the strap at the chin can lead to the helmet slipping off if there is an accident. The buckles should not be located along the jawbone.

STEP 5:
The correct position: The helmet is correctly positioned when it is held firmly but comfortably on the head. The position is set through the tension in the strap.

STEP 6:
Checking the position and the setup: Before use, the helmet should be inspected to see if it is sitting correctly on the head. Tighten the helmet into its correct position. Place the strap under your chin and tighten it firmly. It is easy to put it on in front of a mirror. Grasp the helmet with both hands and try to remove it by using strong backward and forward movements. If the helmet comes off, moves forward so that your view is impaired or moves backward so that the forehead is no longer covered, the helmet is not positioned correctly.

sizes should be tried on and a model that offers security and sits well on the head should be chosen.

- Close the chin buckle and put the strap under your chin.
- Check the setup of the ski helmet before each use.
- Inspect the ski helmet regularly for wear and tear and damage and change it immediately after a strong impact, even if there is no visible damage. Structural changes are not allowed for any reason. Only original spare parts should be uses.
- Clean the ski helmet with water and mild soap only.
- Store the ski helmet in a dry and cool place.
- Wear the ski helmet every time you go skiing.
- The ski helmet is not a toy. Risk of suffocation due to small swallow able parts.
- Replacing the ski helmet after 3 years is recommended.
- Clean with a damp cloth only. Solvents and petroleum-based agents may the protective characteristics of the helmet.

HOW IS THE SKI HELMET CORRECTLY PUT ON AND WORN?

1. Extend the adjusting ring so that the helmet sits loosely on your head.
2. The helmet should fit around the head snugly and be worn levelly. The front edge of the helmet should lie 1-2 finger widths above the bridge of the nose.
3. Narrow the adjusting ring until the helmet is positioned firmly on your head.
4. If the helmet doesn't fit you should choose a different helmet or a more suitable size.

ATTENTION:

If the helmet cannot be made to fit your head then do not use it. Another size of helmet or another model should be chosen.

CARE AND MAINTENANCE:

Use a dry or damp cloth only to clean the product; do not use special cleaning agents!

Check the product for damage or traces of wear and tear before and after each use.

Store the product in a safe place where it is protected from the elements. Cannot be damaged, and cannot injure anyone. For your own safety, please use original spare parts only. Do not make any structural changes. If parts become damaged or if sharp edges or corners should develop, the product may not be used any more.

DISPOSAL ADVICE:

At the end of the product's life, please dispose of it at an appropriate collection point provided in your area. Local waste management companies will be able to answer your questions on this.

SERVICE:

We make every effort to deliver faultless products. If faults do arise however, we put just as much effort into rectifying them. Therefore, you can also contact us by telephone. We will be sure to satisfactorily answer your inquiry.

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

CE

HFP

BAOAN QINGGONG (SHIYAN) HUNG FAT PRODUCTION PLANT
Tangtou Foreign Trade Light Industry Development Industrial Zone,
Shiyan Town, Bao'an District, Shenzhen City, P.R. China.
http://www.hungfat-packing.com

SNCH*89/686*96/58*0058*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

DRW.	**HF002-L-07**	**Helmet assembly pictures**