

Test Report

Number: SZHH01302056

Applicant: AURORA SPORTS LIMITED
#1501, HECHENGSHIJI BUILDING
WUHE AVENUE, BANTIAN TOWN,
LONGGANG DISTRICT, SHENZHEN, GD, CHINA.

Date: Oct 25, 2018

Attn: KERRY ZHANG

Sample Description:

Four (4) pieces of submitted sample said to be :
Item Name : **Climbing Helmet.**
Item/Model No. : **AU-M02.**
Material for Helmet : Shell PP+EPS
Liner.
Size : M/L.
Helmet Size Scope Per Model : 51-62(cm).
Date Sample Received : Oct 18, 2018.



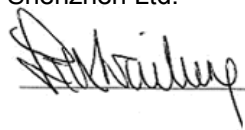

Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

Conclusion:

<u>Tested sample</u>	<u>Test item</u>	<u>Result</u>
Submitted helmets	- As per clause 5.1.1 of EN 397:2012+A1:2012	Pass
	- As per clause 5.1.4 of EN 397:2012+A1:2012	Pass

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.

Ben N.L. Lin
General Manager



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Intertek Testing Services Shenzhen Ltd.
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1 Standard Specification for Industrial Safety Helmets.

As per client's requirement, the submitted samples were subjected to the following test:

Number of samples tested: Four (4) sets.

Helmets size: 51-62cm

Test headform: 555 EN960

Clause	Test Items	Result
5.1.1	Shock absorption When a helmet is tested by the method given in 6.6, the force transmitted to the headform shall not exceed 5,0 kN. This requirement shall be satisfied by helmets treated in accordance with the appropriate conditioning processes given in 6.2, as specified by the list of mandatory tests given in 6.1.	Pass (See appendix)
5.1.4	Chin strap anchorages When tested in accordance with 6.9, the artificial jaw shall be released at a force of no less than 150N and no more than 250N, due to failure only of the anchorage(s)	Pass (See appendix)

Appendix:

Section 5.1.1 –Shock absorption

Sample No.	Environment Impact	Force (N)	Compliant
1	Low	3350.1	Pass
2	High	3250.8	Pass
3	Water	2983.4	Pass
4	Artificial Ageing	3413.0	Pass

Section 5.1.4 – Chin strap anchorages

Sample No.	Force of release (N)	Compliant
1	180	Pass
2	167	Pass
3	204	Pass
4	237	Pass

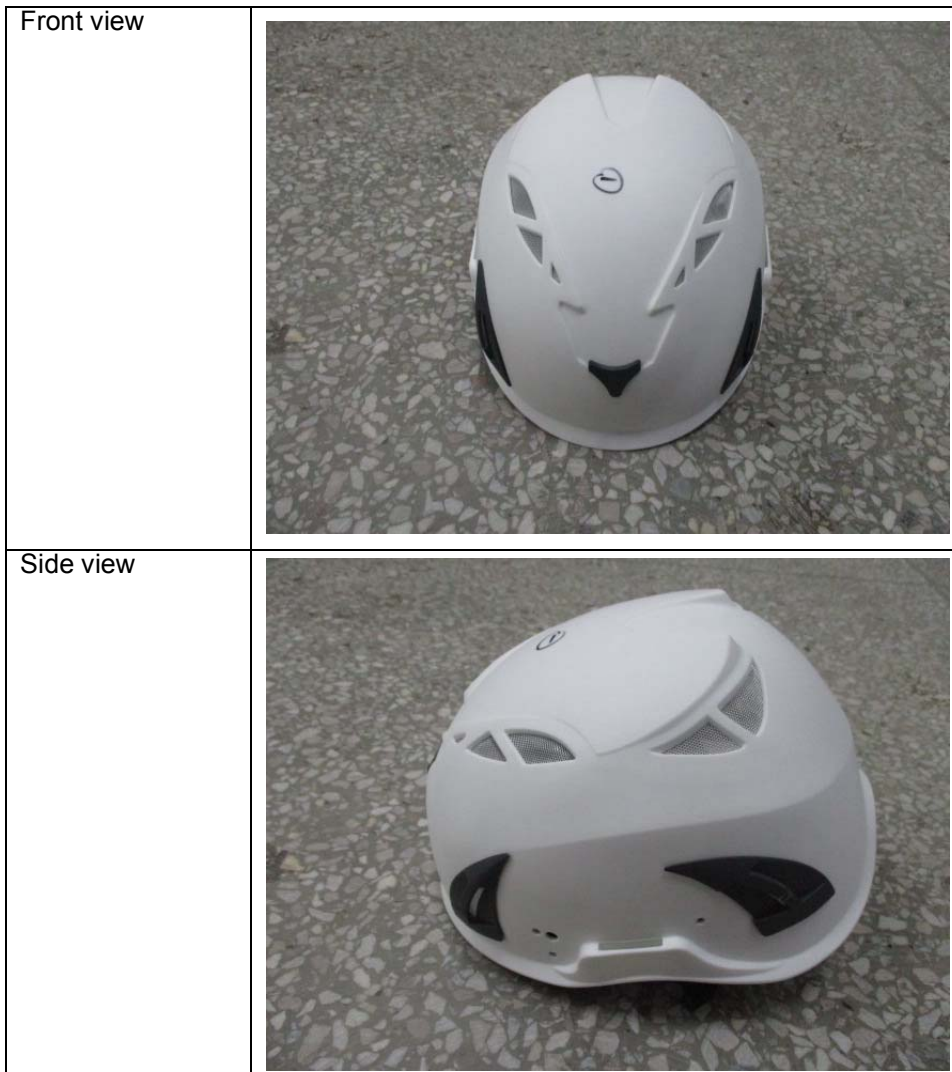


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Photos for reference:







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End of report

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