

DONGGUAN CITY EON SPORTING GOODS CO., LTD
 SHOE FACTORY INDUSTRIAL PARK, QISHA VILLAGE, SHATIAN TOWN, DONGGUAN CITY, GUANGDONG
 PROVINCE, P.R. CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : MOTORCYCLE HELMET
 Style / Item No. : SE4 POLYACRYLITE
 Sizes (cm) : XS(54/55), S(55/56), M(57/58), L(58/59), XL(60/61), XXL(62/63)
 Type of lower face cover : P (Without visor)
 Batch Number : P-003
 Serial Number : From 6401 to 9600
 Approval Number : E1 22R 05300615
 Type(s) of visor to which may be equipped with this helmet : NA
 Buyer : TROY LEE DESIGNS
 Country of Origin : CHINA
 Test Performed : Selected test(s) as requested by applicant
 Sample Receiving Date : Oct 09, 2017
 Test Performing Date : Oct 09, 2017 to Oct 13, 2017
 Test Result(s) :

Test Requested	Result
Clause 10.5.1 of ECE Regulation No.22 Supplement 2 to the 05 series of amendments (Batch control of Helmets)	Pass

Signed for and on behalf of
 Guangzhou Branch
 SGS-CSTC Ltd.



Lell Wu
 Approved Signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/terms-and-conditions/terms-a-document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Inspection & Testing Services Co., Ltd.
 Guangzhou Branch Testing Center Facilities

198 Kazhe Road, Science Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075191 www.sgs.com.cn
 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075191 e sgs.china@sgs.com

Test Conducted: Based on **Clause 10.5.1 of ECE Regulation No.22 Supplement 2 to the 05 series of amendments** Uniform provisions concerning the approval of protective helmets and their visors for drivers and passengers of motor cycles and mopeds.

Number of Tested Sample: 5 piece(s)

Test Results: Details shown as following table

Clause	Test Requirement / Test Method	Result
7.3	Impact-absorption tests The absorption efficiency shall be considered sufficient where the resultant acceleration measured at the centre of gravity of the headform at no time exceeds 275g, and the Head Injury Criterion does not exceed 2400. The helmet shall not become detached from the headform	Pass See annex 1
7.6	Dynamic test of the retention system During the test, the dynamic displacement of the point of application of the force shall not exceed 35mm. After two minutes, the residual displacement of the point of application of the force, as measured under a mass of 15kg ±0.5kg, shall not exceed 25mm.	Pass See annex 2
7.7	Retention (detaching) test After the test the angle between the reference line situated on the shell of the helmet and the reference plane of the headform shall not exceed 30°	Pass See annex 3

Remark: 1. NA = Not applicable.
2. NT = Not tested as per client's request.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/terms-and-conditions/terms-a-document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Annex 1: Impact-absorption tests results

Test Specification: ECE Regulation No.22 Supplement 2 to the 05 series of amendments-7.3

Ambient temperature at time of test: 22 °C

Size (cm)	Test Headform	Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2400	Result
57/58	J	1	Solvent plus heat conditioning	Kerbstone	B	7.61	121.3	845	Pass
				Kerbstone	X	7.58	178.7	1316	Pass
				Kerbstone	P	7.59	182.2	1049	Pass
				Kerbstone	R	7.60	142.5	1017	Pass
57/58	J	2	Solvent plus low temperature conditioning	Flat	B	7.56	189.1	1671	Pass
				Flat	X	7.55	231.5	1934	Pass
				Flat	P	7.56	226.3	2109	Pass
				Flat	R	7.57	191.9	1519	Pass
				Flat	S	5.50	92.7	347	Pass
62/63	O	3	Solvent plus heat conditioning	Kerbstone	B	7.55	121.1	826	Pass
				Kerbstone	X	7.59	154.5	1067	Pass
				Kerbstone	P	7.59	132.9	880	Pass
				Kerbstone	R	7.62	124.5	793	Pass
62/63	O	4	Solvent plus low temperature conditioning	Flat	B	7.59	187.1	1697	Pass
				Flat	X	7.59	230.2	1836	Pass
				Flat	P	7.57	228.2	1825	Pass
				Flat	R	7.51	190.4	1261	Pass
				Flat	S	5.50	87.4	306	Pass

Annex 2: Dynamic test of the retention system results

Test Specification: ECE Regulation No.22 Supplement 2 to the 05 series of amendments-7.6

Ambient temperature at time of test: 22 °C

Size (cm)	Test Headform	Helmet No.	Condition	Dynamic displacement (≤35mm)	Residual displacement (≤25mm)	Result
54/55	E	5	Solvent plus ambient temperature and hygrometry conditioning	28.3	14.7	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/terms-and-conditions/terms-a-document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8397 1443, or email: CN.Doccheck@sgs.com

Annex 3: Retention (detaching) tests results

Test Specification: ECE Regulation No.22 Supplement 2 to the 05 series of amendments-7.7

Ambient temperature at time of test: 22 °C

Size (cm)	Test Headform	Helmet No.	Condition	Angle ($\leq 30^\circ$) (between the reference line and the reference plane of the headform)	Result
54/55	E	5	Solvent plus ambient temperature and hygrometry conditioning	28°	Pass

Sample Photo(s):



Side view



Back view




<p>Top view</p>	
<p>Bottom view</p>	



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/terms-and-conditions/terms-e-document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8397 1443, or email: CN.Doccheck@sgs.com

<p>E-Mark No.</p>	
-------------------	---

End of Report

