



Test Report

No.: GZHL1612056139HM

Date: Jan 04, 2017

COMERCIALIZADORA INDUCASCOS S.A. CRA. 50GG # 10BSUR – 38 MEDELLIN – COLOMBIA

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

Sample Description

: MOTORCYCLE HELMET

Style / Item No.

HRO-207

Size

57cm-58cm; 59cm-60cm; 61cm-62cm

HPI (from basic plane)

: 57cm-58cm: 50mm for C-DOT

59cm-60cm: 52mm for C-DOT

61cm-62cm: 55mm for D-DOT

Test Performed

: FMVSS 49 CFR 571.218

Sample Receiving Date

Dec 20, 2016

Test Performing Date

Dec 20, 2016 to Dec 27, 2016

Test Result(s)

For further details, please refer to the following page(s)

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

Arthur Mak

Approved Signatory







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5.6	Labeling					
5.6.1	Each helmet shall be labeled permanently and legibly, in a manner such that the label(s) can be read easily without removing padding or any other permanent part, with the following:					
	(a) Manufacturer's name.					
	(b) Discrete size.					
	(c) Month and year of manufacture. This may be spelled out (for example, June 2010), or expressed in numerals (for example, 6/10).					
	(d) Instructions to the purchaser as follows:	Pass				
	(1) "Shell and liner constructed of (identify type(s) of materials)					
	(2) "Helmet can be seriously damaged by some common substances without damage being visible to the user. Apply only the following: (Recommended cleaning agents, paints, adhesives, etc., as appropriate)	Pass				
	(3) "Make no modifications. Fasten helmet securely. If helmet experiences a severe blow, return it to the manufacturer for inspection, or destroy it and replace it."	Pass				
	(4) Any additional relevant safety information should be applied at the time of purchase by means of an attached tag, brochure, or other suitable means	Pass				
5.6.2	Certification					
	Each helmet shall be labeled permanently and legibly with a label, constituting the manufacturer's certification that the helmet conforms to the applicable Federal motor vehicle safety standards, that is separate from the label(s) used to comply with S5.6.1, and complies with paragraphs (a) through (c) of this section.					
	(a) Content, format, and appearance. The label required by paragraph S5.6.2 shall have the following content, format, and appearance:	Pass				
	(1) The symbol "DOT," horizontally centered on the label, in letters not less than	Pass				
	(2) The term "FMVSS No. 218," horizontally centered beneath the symbol DOT, in letters not less than 0.09 inches (0.23 cm) high.	Pass				
	(3) The word "CERTIFIED," horizontally centered beneath the term "FMVSS No. 218" in letters not less than 0.09 inches (0.23 cm) high.					
	(4) The precise model designation, horizontally centered above the symbol DOT, in letters and/or numerals not less than 0.09 inch (0.23 cm) high.					
	(5) The manufacturer's name and/or brand, horizontally centered above the model designation in letters and/or numerals not less than 0.09 inch (0.23 cm) high.					
	(6) All symbols, letters and numerals shall be in a color that contrasts with the background of the label.	Pass				
	(b) Other information. No information, other than the information specified in subparagraph (a), shall appear on the label.	Pass				
	(c) Location. The label shall appear on the outer surface of the helmet and be placed so that it is centered laterally with the horizontal centerline of the DOT symbol located a minimum of 1 inch (2.5 cm) and a maximum of 3 inches (7.6 cm) from the bottom edge of the posterior portion of the helmet.	Pass				

Remark: 1. NA = Not applicable.

2. NT = Not tested as per client's request.



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Test Report

No.: GZHL1612056139HM

Date: Jan 04, 2017

Model: HRO-207

Size: 57-58 cm

Head-form: C DOT

HPI: 50 mm

Annex-1 Impact energy attenuation test: Test Specification: FMVSS 49 CFR 571.218 Ambient temperature at time of test: 22 °C

Condition	Test Anvil	Test Site	Peak' G	Duration at 150 g(ms)	Duration at 200 g(ms)	Assessment
	Flat	Front	148.6	0.00	0.00	Pass
			162.8	0.52	0.00	Fass
		Left	166.5	0.53	0.00	Pass
Ambient (Clause 6.4.1 a)	Flat		187.4	1.05	0.00	1 855
1251g	Hemi	Rear	96.8	0.00	0.00	Pass
No.1			108.5	0.00	0.00	1 033
	Hemi	Right	99.7	0.00	0.00	Pass
			116.3	0.00	0.00	1 233
	Flat	Left Fr	151.9	0.19	0.00	Pass
			181.4	1.15	0.00	1 855
	Flat	Right-Rea	114.4	0.00	0.00	Pass
Hot (Clause 6.4.1 b)			124.9	0.00	0.00	1 ass
1253g	Hemi	Left-Rea	86.0	0.00	0.00	Pass
No.2			102.0	0.00	0.00	1 455
	Hemi	Right Fr	96.5	0.00	0.00	Pass
			112.6	0.00	0.00	1 433
	Flat	Front	137.9	0.00	0.00	Pass
			159.4	0.41	0.00	
Cold	Flat	Left	186.4	1.00	0.00	Pass
(Clause 6.4.1 c)			182.4	0.95	0.00	
1256g	Hemi	Rear	85.0	0.00	0.00	Pass
No.3			96.5	0.00	0.00	1 400
8	Hemi	Right	82.5	0.00	0.00	Pass
			84.0	0.00	0.00	1 400
	Flat	Left Fr	141.4	0.00	0.00	Pass
			156.3	0.33	0.00	
Wet	Flat	Right-Rea	126.8	0.00	0.00	Pass
(Clause 6.4.1 d)			142.6	0.00	0.00	
1255g	Hemi	Left-Rea	113.5	0.00	0.00	Pass
No.4			126.8	0.00	0.00	
	Hemi	Right Fr	108.4	0.00	0.00	Pass
			122.5	0.00	0.00	



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