



SAFETY COMPLIANCE TESTING FOR FMVSS No. 218 MOTORCYCLE HELMETS

Brand: X ONE
Model: X-50DV
Size: M (57-58 cm)

Prepared For:

Comercializadora Inducascos S.A
Cra, 50gg #10B Sur
38 Medellin Columbia



20 March 2018

Final Report No.: 428.0006.001

Tested By:

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Contract File No.: 428.0006

Test File: 001

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Technician: George Stetina

Test Date: 20 March 2018

PURPOSE OF COMPLIANCE TEST

Purpose:

The purpose of this test was to determine if the motorcycle helmets supplied by:

Comercializadora Inducascos S.A

Met the requirements of

Federal Motor Vehicle Safety Standard No. 218: Motorcycle Helmets effective May 13, 2013.

All samples received were in good condition and appropriate for these tests.

Test Procedure:

This test was performed following TP-218-07 and ACT Lab Helmet Testing Manual 4.2



HELMET DATA

HELMET BRAND NAME: X ONE

HELMET MODEL DESIGNATION: X-50DV

HELMET MANUFACTURER: PROTEC S.A.S NIT: 900 383 543-8

HELMET SIZE: M (57-58 cm)

HELMET COVERAGE: Partial - _____ ; Full - _____ ; Complete Facial - X

HELMET POSITIONING INDEX: 50 mm

SHELL MATERIAL: ABS (Acrylonitrile Butadiene Styrene)

LINER MATERIAL: EPS (Expanded Polystyrene)

BUCKLE DESCRIPTION: Quick Release Ratchet

HELMET	A Ambient	B Low Temp	C High Temp	D Water Immersed	E Spare
Shell Color/Pattern	Grey	Grey	Grey	White	Yellow
Weight (grams)	1381	1395	1391	1389	1503
Month & Year of Manufacture	03/2018	02/2018	02/2018	02/2018	02/2018

Reviewed by: John Bogler

COMMENTS:

- All helmets were received in undamaged condition and were appropriate for testing.
- Weights listed above for helmets A-E are as tested.
- Weight for helmet E is complete with all components in place.
- ACT determined the HPI information prior to testing

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SUMMARY OF TEST RESULTS

INDICATE - Pass or - Fail

HELMET	A	B	C	D	COMMENTS
TEST	AMBIENT	LOW TEMP	HIGH TEMP	WATER IMMERSED	
IMPACT	Pass	Pass	Pass	Pass	
PENETRATION	Pass	Pass	Pass	Pass	
RETENTION	Pass	Pass	Pass	Pass	

TEST	PASS	FAIL
PERIPHERAL VISION	Pass	
PROJECTIONS	Pass	
LABELING	Pass	

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