

# SAFETY COMPLIANCE TESTING FOR FMVSS No. 218 MOTORCYCLE HELMETS

**Brand: X ONE**  
**Model: X30 DV**  
**Size: XL (61-62 cm)**

Prepared For:

**Comercializadora Inducascos S.A**

Cra, 50 gg #10B Sur  
38 Medellin Columbia



**02 March 2018**

**Final Report No.: 428.0005.002**

Tested By:

**ACT Lab LLC.**  
**3280 East 59th Street**  
**Long Beach CA, 90805**  
**[www.act-lab.com](http://www.act-lab.com)**

This document shall not be reproduced except in full without written approval from ACT Lab LLC



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO -ILAC -IAF Communiqué dated January 2009.) The Joint Communiqué is available on publications and resources page of the ILAC website at <http://www.ilac.org>. Accreditation listing and certificate can be found at <http://www.iasonline.org>.

Contract File No.: 428.0005

Test File: 002

Control Document Rev.7 Official ACT DOT Report Template TP-07 USA 11 Dec 2017  
T:\\_ACT GLOBAL PORTAL\\_ACT Global Template Folder\Reports\HELMET\FMVSS 218

Technician: George Stetina

Test Date: 2 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: X30 DV

HELMET MANUFACTURER: PROTEC S.A.S. NIT: 900 388 543 -8

HELMET SIZE: XL ( 61-62 cm)

HELMET COVERAGE: Partial - \_\_\_\_\_; Full - \_\_\_\_\_; Complete Facial - X

HELMET POSITIONING INDEX: 52 mm

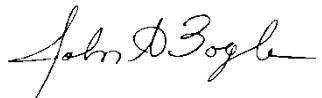
SHELL MATERIAL: ABS ( Acrylonitrile Butadiene Styrene )

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	Black	Black	Black	Black	Black
Weight (grams)	1452	1453	1455	1459	1639
Month & Year of Manufacture	02/21/2018	02/21/2018	02/21/2018	02/21/2018	02/21/2018

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.
- This is a complete coverage helmet with modular flip up chin bar
- Manufacture provided the HPI information prior to testing

## 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	

Contract File No.: 428.0005

Test File: 002

Control Document Rev.7 Official ACT DOT Report Template TP-07 USA 11 Dec 2017  
 T:\\_ACT GLOBAL PORTAL\\_ACT Global Template Folder\Reports\HELMET\FMVSS 218

Technician: George Stetina

Test Date: 2 March 2018