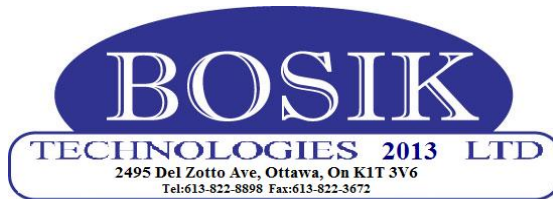


**REPORT NUMBER: A1111003-008**

Test Performed For:  
 Ambico Limited  
 1120 Cummings Avenue  
 Ottawa, Ontario  
 Canada, K1J 7R8  
 (P) (613) 746-4663 x341  
 (F) (613)746-4721  
 email: mbazinet@ambico.com  
 website:



Test Performed By:  
 Bosik Technologies 2013 LTD  
 2495 Del Zotto Avenue  
 Ottawa, Ontario  
 Canada, K1T 3V6  
 (P) (613) 822-8898 ext 222  
 (F) (613) 822-3672  
 email: ballistics@bosik.com  
 website: www.bosik.com

**TEST AND TEST MATERIAL IDENTIFICATION**

**Contract:** Contract Number  Purchase Order

<b>Material Identification:</b> Panel Description	Armored Door Sample		Lot Number	N/A
	Model Number	N/A	Piece Number	Sample 5
	Serial Number	N/A	Panel Weight Dry (lbs.)	51.90
	Size	18" x 18" x 1.75"	Panel Weight Wet (lbs.)	N/A
			Measured Thickness	N/A
			Date of Manufacture	N/A
		Date Tested	May 26, 2014	

<b>Laboratory Conditions:</b> Temperature (°C)	22	Clay Calibration (mm)	N/A
Relative Humidity (%)	45	Target Base Line (m)	V <sub>1</sub> =1.51, V <sub>2</sub> =1.01

**Velocity Measurement Instrumentation:** 3 Oehler Model 57 Infrared Photoelectric Screens with Oehler Chronograph Model 30 (V1) and Hewlett Packard Model 5315A (V2) Universal Counter reading the bullet time of flight on a 2 and 1 metre distance.

**Firing Range:** Distance between the front face of the Test material and the muzzle of the test barrel

**Test Barrel:** **Calibre:** .308 Winchester **Length:** 32 inch **Twist rate:** 1-10 inch **Manufacturer:** Shilen Inc.

<b>Loading Components:</b>	Case	Remington .308 R-P	Primer	CCI BR-2
	Powder	IMR 4227	Bullet Manufacturer	SNC

**Test Specification:** V<sub>proof</sub> Ballistic Bullet-Resisting Equipment test in a dry condition in accordance with UL 752 Level VIII using (M80) NATO Ball 7.62 x 51mm full copper jacket, soft core, 150 grain bullets with a velocity range between 838m/s and 922m/s and firing five shots in a 4.5" square grouping pattern. A corrugated cardboard witness plate (0.125") thick is placed 18 inches behind the test specimen to determine penetration.

**BALLISTIC RESULTS**

Shot Number	Shot Load (grains)	Shot Angle (degrees)	Instrumentation Velocity (m/s) [(V <sub>1</sub> +V <sub>2</sub> )/2]	Penetration: Partial or Complete	Deformation: Depth (mm)	Fair or Unfair Impact	Shot Counted (m/s)
1	34.4	0	850	Partial	N/A	Fair	850
2	34.4	0	847	Partial	N/A	Fair	847
3	34.4	0	836	Partial	N/A	Unfair	836
4	34.4	0	840	Partial	N/A	Fair	840
5	34.4	0	859	Partial	N/A	Fair	859
6	34.4	0	840	Partial	N/A	Fair	840
Average velocity:							845

Does this armour meet or exceed the specified requirements?

Test Performed By:   
 Daniel Lavallee

Test Results Checked By:   
 Hailom Gebremeskel, B.Eng.