

H.P. WHITE LABORATORY, INC.

3114 Scarboro Road
Street, Maryland 21154-1822
Telephone: (410) 838-6550
Facsimile: (410) 838-2802
email: info@hpwhite.com
www.hpwhite.com

29 June 2006
(HPWLI 10145-02A)

Lam Enterprise Co.
2-3-3 Horidome-Cho #904 Nihonbashi Chuo-ku
Tokyo Japan 103-0012

Gentlemen:

H.P. White Laboratory, Inc. conducted ballistic resistance testing of four soft armor samples (see enclosed data record for construction description) received 27 June 2006 via Federal Express.

Testing was conducted in accordance with your instructions, and the modified provisions of NIJ-STD-0101.04, using caliber 9mm Luger, 124 grain, FMJ ammunition and caliber .44 Magnum, 240 grain, SJHP ammunition. The test samples were mounted on an indoor range 16.4 feet from the muzzle of a test barrel to produce zero and thirty degree obliquity impacts. Velocity screens were positioned at 6.5 and 11.5 feet which, in conjunction with elapsed time counters (chronographs), were used to compute projectile velocities 9.0 feet from the muzzle. Table I is a summary of the enclosed data records.

TABLE I. SUMMARY OF RESULTS

Test Sample			Ballistic Threat				Results		
Number	Weight (lb)	Plies	Obliquity (degrees)	Caliber	Shots	Velocity(fps)		Penetrations	Deformation (mm) (a)
						Max.	Min.		
Test 1 (Front)	2.03	23	0	9mm Luger	4	1449	1435	0	27/27
			30		2	1450	1447	0	NA
Test 2 (Front)	2.03	23	0	.44 Magnum	4	1432	1417	0	36/29
			30		2	1430	1420	0	NA
Test 3 (Front)	2.18	25	0	9mm Luger	4	1452	1413	0	24/23
			30		2	1460	1417	0	NA
Test 4 (Front)	2.20	25	0	.44 Magnum	4	1438	1428	0	41/39
			30		2	1434	1418	0	NA

(a) Deformation of 5.5 inch clay backing.

This report is based on data obtained from having tested only the samples submitted, and should NOT be interpreted as an endorsement by H.P. White Laboratory, Inc. of the continuing quality, or performance, of any other items of the same, or similar, design.

The test panels are being returned via DHL. Should you have any questions regarding this matter, or if we may be of any further service, please do not hesitate to contact us.

Very truly yours,

H. P. WHITE LABORATORY, INC

Craig B. Dunn

CBD/tc
Enclosures