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TEST DETAILS

TEST DATE:	6 April 2016	MARKSMAN:	A.Zwane
CONTRACTOR:	HUN TOOL - LIQUID BULLET	RECORDER:	E. Murphy
TEST FACILITY:	Ballistic Body Armour	TEST SETUP:	F. Mokoena
		TEST No:	TE9972

TEST PARAMETERS

TEST PROCEDURE :	SANS 1658: 2006
TEST STANDARD:	LEVEL III A and lesser threat LEVEL II
TEST PASS CRITERIA :	Customer specified 3 stops .44 MAG and 3 stops 9mm

BACKING MATERIAL

MATERIAL:	Plastiscene
LAST DENSITY CALIBRATION:	September 2015
NEXT DENSITY CALIBRATION DUE:	September 2016
PRE TEST DROP RESULTS:	21mm-21mm-20mm-19mm-19mm Average = 20mm

PROJECTILE AND WEAPON

WEAPON:	Thompson Contender
TEST BARRELS:	14 inch .44 Mag and 12inch 9mm
PROJECTILE TYPE:	.44 Mag 240 grain SJHP and 9mm 124 grain FMJ
CASE and POWDER :	.44 PMP with Somchem S265 and 9mm PMP with Somchem MP200

MEASURING EQUIPMENT

CHRONOGRAPH:	Ohler Reseach Model 35P Proof Chronograph		
LAST CALIBRATION:	30 May 2015	NEXT CALIBRATION DUE:	30 May 2016

RANGE DETAILS

TEMPERATURE ON RANGE:	23.2C	HUMIDITY ON RANGE:	37.4 %
SAMPLE DISTANCE FROM MUZZLE:	5 metres		

TEST SAMPLE DETAILS

LOT/SERIAL No:	N/A	BATCH No:	N/A
MOUNTING DETAIL:	On backing material as per SANS 1658:2008 and NIJ 0101.04		
TEST SAMPLE BRAND NAME:	MODEL 250		
TEST SAMPLE COMPOSITION:	Proprietary to HUN TOOL - LIQUID BULLET		

TEST RESULTS

ROUND	PROJECTILE	WEIGHT	TYPE	VELOCITY	RESULT	TRAUMA
1	.44 Mag	240gr	SJHP	430m/sec	STOP	See note 2
2	.44 Mag	240gr	SJHP	435m/sec	STOP	See note 2
3(30 ^h)	.44 Mag	240gr	SJHP	438m/sec	STOP	See note 2
4	9mm	124gr	FMJ	441m/sec	STOP	See note 2
5	9mm	124gr	FMJ	444m/sec	STOP	See note 2
6(30 ^h)	9mm	124gr	FMJ	430m/sec	STOP	See note 2

NOTES: 1. THE SAMPLE COMPLIES
 2. No trauma over 10 mm was noted.

ABBREVIATIONS
 SJHP : Semi Jacketed Hollow Point
 FMJ : Full metal Jacket

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F.Mokoena			
E. Murphy			



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		TEST No:	TE9973

TEST PARAMETERS

TEST PROCEDURE :	SANS 1658: 2006
TEST STANDARD:	Customer specified
TEST PASS CRITERIA :	Customer specified 1 stop 7.62 x 25 FMJ lead core

BACKING MATERIAL

MATERIAL:	Plastiscene
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PRE TEST DROP RESULTS:	21mm-21mm-20mm-19mm-19mm Average = 20mm

PROJECTILE AND WEAPON

WEAPON:	Musgrave
TEST BARRELS:	610mm 7.62 test barrel
PROJECTILE TYPE:	7.62 x 25 85 grain FMJ (Tokarev)
CASE and POWDER :	Somchem MP200

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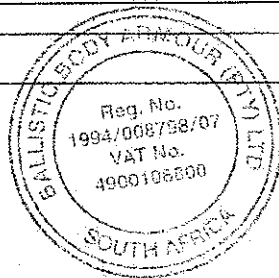
TEST RESULTS

ROUND	PROJECTILE	WEIGHT	TYPE	VELOCITY	RESULT	TRAUMA
I	7.62 x 25	85gr	FMJ	438m/sec	STOP	See note 2

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