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Evaluation of armour to NIJ Standard -0101.04

Englands Specialist Safety Equipment supplied a body armour for evaluation using the ammunition and velocities specified on page 17 of the NIJ Standard -0101.04.

The testing was carried out at the R.M.C.S on the 22/10/04 .

The results of the testing follow below:

Ammunition: 44 Mag JHP to NIJ 0101.04 level IIIa

Shot No	Velocity m/s	Held/ penetrated	Trauma (mm)	
1	434	Held	39	
2	438	Held	18	
3	431	Held	28	
4 (30°)	439	Held	27	
5 (30°)	435	Held	24	
6	437	Held	23	

Armour Description: IBAS 1 + CV1
'LW plate' plus



Ammunition 7.62x39mm BZ (API) of Chinese origin.

Shot No.	Velocity (m/s)	Held / Penetrated	Deformation (mm)	Comments
1	724	Held	4	
2	727	Held	5	
3	728	Held	8	
4	728	Held	9	
5	728	Held	7	