

VPAM 2006

Inspection level	Ammunition				No. of shots performed under the following conditions								Padding down	
	Test - Bullet	Bullet - Weight [g]	Bullet - Producer	Distance	Bullet - Velocity [m/s]	0° +20°C	65° +20°C	0°/contact shot optional +20°C	0° +40°C climat	0° -20°C	0° +70°C	V50 test		
1	22 Long rifle	L/RN	2,6 ± 0,1	Winchester	10 + 0,5	360 ± 10	3 + 1	3	3	3	3	3	yes	yes
2	9mm Luger	FMJ.RN.SC ; tinned	8,0 ± 0,1	DAG, DM 41	5 + 0,5	360 ± 10	3 + 1	3	3	3	3	3	yes	yes
3	9mm Luger	FMJ.RN.SC ; tinned	8,0 ± 0,1	DAG, DM 41	5 + 0,5	415 ± 10	3 + 1	3	3	3	3	3	yes	yes
4	.357 Mag	FMJ/CB/SC	10,2 ± 0,1	Geco	5 + 0,5	430 ± 10	3	3	3	3	3			
	.44 Rem. Mag	FMJ/FN/SC	15,6 ± 0,1	Speer	5 + 0,5	440 ± 10	3	3	3	3	3			
5	.357 Mag	FM/CB	7,1 ± 0,1	DAG, Special	5 + 0,5	580 ± 10	3	3	3	3	3			
6	7,62 x 39	FMJ/PB/FeC	8,0 ± 0,1	PS	10 + 0,5	720 ± 10	3	3	3	3	3			
7	223 Rem	FMJ/PB/SCP	4,0 ± 0,1	MEN, SS 109	10 + 0,5	950 ± 10	3	3	3	3	3			
	308 Win.	FMJPB/SC	9,55 ± 0,1	MEN, DM 111	10 + 0,5	830 ± 10	3	3	3	3	3			
8	7,62 x 39	FMJ/PB/HCI	7,7 ± 0,1	BZ	10 + 0,5	740 ± 10	3	3	3	3	3			
9	308 Win.	FMJ/PB/HC	9,45 ± 0,1	FNB, P80	10 + 0,5	820 ± 10	3	3	3	3	3			
10	7,62 x 54R	FMJ/PB/HCI	10,4 ± 0,1	B32	10 + 0,5	860 ± 10	3	3	3	3	3			
11	308 Win.	FMJ/PB/WC	8,4 ± 0,1	Nammo, AP8	10 + 0,5	930 ± 10	3	3	3	3	3			
12	308 Win.	FMJ/PB/WC	12,7 ± 0,1	SWISS P AP	10 + 0,5	810 ± 10	3	3	3	3	3			
13	50 Browning	FMJ/PB/HC	43,0 ± 0,5	SWISS P Penetrator		930 ± 10	3	3	3	3	3			
14	14,5 x 114	FMJ/PB/HCI	63,4 ± 0,5	B32		911 ± 10	3	3	3	3	3			

Particularities:

- Backing material/ plasticity: Weible clay 20mm ± 2mm (1,04kg sphere from 2m height)
- Back face deformation: Concealable vest: 1x investigated plasticity value + 22m (constant)
Tactical vest: 1x investigated plasticity value; pressed shot 1x investigated plasticity value + 22mm (constant)
- West test: No wet test required
- Edge test: For level 1, 2 and 3 one shot 30mm ± 5mm from the edge is required
- Min. distance from the edge: 75mm (expect edge shot, 30mm from the edge, 75 from the corner)
- Min. distance from previous shots: 75mm
- Pressed shot: 100 ± 5 N force, total mass 50 ± 1kg
- Volume: =(0,134 x plasticity - 1,13) x 70 Joule, measured if back face signature is ≥ 20mm not for pressed shot+J30

Technical Guidelines, Europe

Class	Test - Bullet	Bullet - Producer	Bullet - Weight [g]	Bullet - Velocity [m/s]	Distance [m]	No. of shots performed under following conditions 1 panel for each kind of test					
						0°	65°	0° contact shot	0° climat.	0° -20°C	0° +70°C
SK L	9mm Luger FMJ/RN/SC; tinned	DAG, DM41	8,0 ± 0,1	360 ± 10	5 + 0,5	3 + 1	3	3	3	3	3
SK 1	9mm Luger FMJ/RN/SC; tinned	DAG, DM41	8,0 ± 0,1	415 ± 10	5 + 0,5	3 + 1	3	3	3	3	3
	9 x 19 QD-PEP II/S	MEN	6,0 ± 0,1	460 ± 10	5 + 0,5		3	3			
	9 x 19 Action 4	RUAG	6,1 ± 0,1	460 ± 10	5 + 0,5		3	3			
SK 2	.357 Mag FMs/CB	DAG, Special	7,1 ± 0,1	580 ± 10	5 + 0,5	3	3		3	3	3
SK 3	223 Rem FMJ/PB/SCP	MEN, SS 109	4,0 ± 0,1	950 ± 10	10 + 0,5	3	3		3	3	3
	308 Win. FMJ/PB/SC	MEN, DM 111	9,55 ± 0,1	830 ± 10	10 + 0,5	3	3		3	3	3
SK 4	308 Win. FMJ/PB/HC	FNB or CBC-MEN, P80	9,7 ± 0,2	820 ± 10	10 + 0,5	3	3		3	3	3