

ANNEX 1

Extract from 'Noise Survey with Assessment of Exposure Report'

Operation/Location	L _{Aeq} (dB)	L _{CPK} (dB)	L _{Ceq} (dB)	Frequency, L _{Aeq} (dB)							
				63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Firing Range – Proof barrel system 4” 9mm FMJ 9mm barrel at 5m	120	144	120	68	86	97	111	116	114	111	105
Firing Range - Proof barrel system 4” 9mm Hollow Point 9mm barrel at 5m	121	145	101	73	88	99	111	117	115	112	105
Firing Range - Proof barrel system 5.56mm 7” barrel at 10	122	145	123	78	94	104	115	117	117	113	107
Firing Range - Proof barrel system 7.62mm 21” barrel at 10m	122	145	123	81	96	104	114	118	117	113	107
Firing Range - Proof barrel system 7.62mm 21” barrel at 5m	116	145	117	75	90	99	108	111	110	108	102

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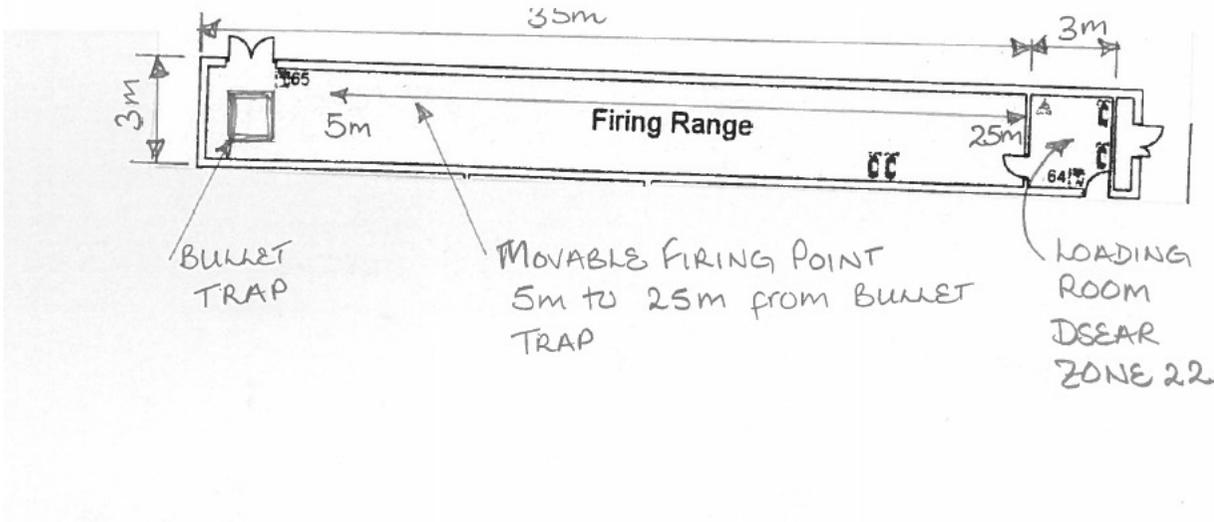
ANNEX 2

Firing Range and Loading Room

The Firing Range with adjoining Loading Room is a single-storey ground floor building of red brick, flat floor and concrete floor construction. The building is at our site in St Albans. The full address is CAST, Woodcock Hill, Sandridge, St Albans, HERTS AL4 9HQ.

The Firing Range is 3m (approx) by 35m (approx).
The Loading Room is 3m (approx) by 3m (approx) and is a DSEAR Zone 22 area.
The distance from the floor to the ceiling in the Firing Range and in the Loading Room is 2.38m (approx).

The Firing Point is movable and can be situated between 5m up to 25m (approx) away from the Bullet Trap, which is located at the far end of the Range, away from the Loading Room.



At present, Firing Range Operatives are located at the Firing Point when firing, but could be located in the Loading Room with an intrinsically safe (DSEAR Zone 22) remote firing point.

Dangerous Substances and Explosive Atmospheres Regulations DSEAR Description	Equipment Category	Dust Tightness to EN 60529
Zone 22 - A place in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only”	3D	IP5X

Symbol	Type of Protection	Description of Type	Standard	Use in Zones	DSEAR Equipment Category
Ex ta, tb or tc	ENCLOSURE IP6X or IP5X	Keep the flammable dust away from any hot surfaces and ignition capable equipment.	BS EN 60079-31	20, 21 & 22	1D or 3D