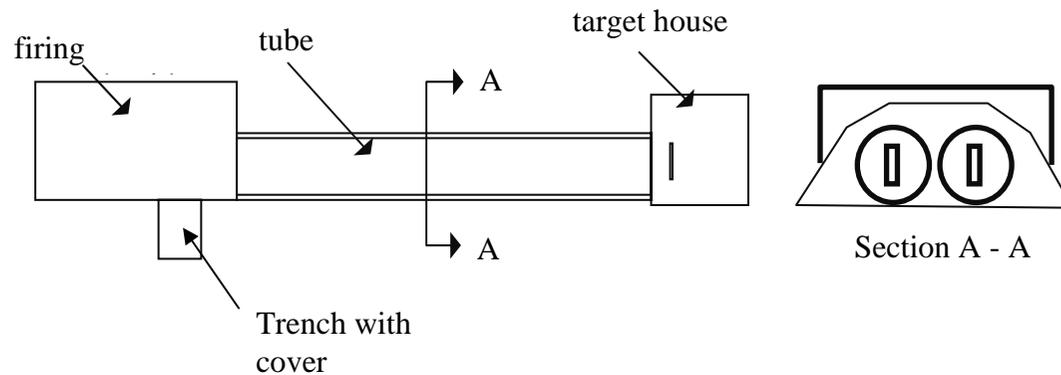


TUBE RANGES

1. GENERAL DESCRIPTION.

Tube ranges exist in many forms, single or multiple tube, small or large diameter, rectangular. All provide the best possibility for a No Danger Area (NDA) range as the chance of a round escaping is remote in ranges that are totally enclosed. Some tube ranges have intermediate firing points. Like indoor ranges they present additional problems with noise and contaminated dust. Any dust in a range will contain both lead and unburnt propellant. Noise is a particular problem in tube ranges that are authorised for High Velocity (HV) weapons.



2. **WORKS INSPECTION GUIDE.**

Ser	Element	Remarks	Inspectors Comments	x
1.	Tubes	a. Check stability of tubes, there should be no un even settlement which will cause joints to move. Exposed edges at joints can cause backsplash.		
		b. Check that earth banking over the tubes is not overloading the tubes. Grass cutting machinery may also overload the tubes.		
		c. Good drainage is important around the tubes.		
2.	Firing room	a. Check effective sound absorption measures have been implemented in the firing room. (Avoiding any dust collecting/absorbing material)		
		b. Ranges have a variety of warning systems in the firing room to warn the firers should a down range doors or access points be opened during firing. Ensure these are effective.		
3.	Target house	a. Check dust levels to ensure there is no build up in any part of the trap or extract systems in that area.		
		b. Check lighting systems.		
		c. Check stability of back wall. Some trap systems have been loaded with sand / sand bags to dampen		

		the sound of bullet impact on steel.		
		d. Ensure any target extract or pulley system is working as it should.		
4.	Ventilation	a. Check ventilation system is working at optimum level against performance specification for the unit.		
		b. Ensure all intakes and extracts are clear of obstructions and any ducting is not collecting dust within the duct.		
		c. Check extract filter is functioning correctly and is maintained for optimum performance in accordance with manufacturers recommendations.		
		d. Ensure extract filter emissions do not exceed local limits.		
5.	Bullet catcher.	a. Ensure manufactures maintenance and servicing instructions are being followed.		
		b. Check that lead disposal procedures are followed.		
6.	Associated buildings.	Normal works check.		
7.	Safety signs	Check for compliance.		

8.	Generally	a. Confirm dust control measures including deep cleaning are effective.		
		b. Check any vacuums in the range are of the approved type.		
		c. Check any audio visual alarm systems are working correctly.		
		d. Check all electrical power points / lights are safe.		
9	Other elements not listed.	Describe:		
10	General Comments by the works inspector.			

Certification:

Range Name Location.....

Works inspection carried out on this range and MOD Form 906 completed

on:.....

Name of Inspector:.....

Contact Tel.....

Organisation:.....

Copy:

RAU for Range File