

Chapter 8

RANGE SAFETY INSPECTIONS AND AUDIT

INTRODUCTION

0801. **General.** This chapter lays down the MOD policy on land range safety inspections and audit. In particular the following is covered:

- | | | |
|----|---|-------------|
| a. | Introduction. | 0801 - 0803 |
| b. | The inspection and audit system. | 0804 - 0805 |
| c. | Components of the annual cycle. | 0806 - 0809 |
| d. | Independent range safety inspection and audit | 0810 - 0812 |
| e. | Monitoring of inspections and reports. | 0813 - 0815 |
| f. | Range safety inspection competency. | 0816 - 0819 |
| g. | Estate and technical inspections. | 0820 - 0823 |
| h. | Summary of inspections. | 0824 - 0825 |

0802. **Policy.** The policy for range inspection and audit is based on the principle that every permanent MOD land range will be held on the accommodation charge of a RAU. Within a range boundary each area that relies on construction or natural features to contain ballistic or explosive effects is to be inspected and reported on as a separate range. The safety of all MOD land ranges is to be checked through a regular and comprehensive inspection process. Other ranges used by MOD personnel are also to be regularly inspected to ensure they meet the same standards. TER are only to be subject to the annual and independent inspections specified in this chapter if they remain in regular use by MOD personnel for more than three times a year or more than once a year in three consecutive years . Upon reaching this frequency of use they become subject to an annual inspection, and if still in regular use, to an independent inspection in the third year.

0803. **Inspection Criteria.** Range safety inspections of UK design ranges are to be conducted against the criteria given in this JSP and in appropriate Single Service publications. Foreign design ranges, whether in the UK or overseas, which are controlled or used by MOD employees should be assessed on the basis that they must be at least as safe as an equivalent UK design; the range drawings and any other design criteria used to inspect them should be those provided by the country of origin.

THE INSPECTION AND AUDIT SYSTEM

0804. **Annual.** The inspection and audit system comprises an annual cycle and an independent triennial cycle of range safety inspections and a continuous audit. All annual inspections of land ranges authorised by the RN and RM are carried out by the RNRSO on the staff of 2SL/CNH. The annual inspection regime for Army, RAF and DTE ranges is the responsibility of the RAO, although the actual inspections may

be carried out at a lower level. On ranges authorised by CCMDP annual inspections are the responsibility of the FFTO. At DE&S, DSG and Dstl sites the RAO is responsible for ensuring that an inspection of all ranges is carried out by a competent person, at least annually, to verify that the established safe systems of work are operating correctly. At the invitation of the RAO an inspector from another Service or Agency could assist on any inspection.

0805. **Independent.** To enable range safety standards to be monitored across the MOD an independent MOD level inspection is carried out once in every three years. It replaces the annual inspection for that year. The independent inspection is part of the continuous audit process operated by the DLRSC.

COMPONENTS OF THE ANNUAL CYCLE

0806. **Daily Check.** When a range is in use a daily check is to be carried out, where practicable, by the Range Officer/Range Warden or a representative of the RAU before firing takes place to ensure that the range is being presented in good order for user units and is in all respects fit for use. On completion of firing the MOD Form 906/906A/906B should be checked to ensure correct completion by the RCO/DCO/TCO.

0807. **Monthly Inspection.** A monthly inspection of the range is to be arranged by the CO, Officer Commanding (OC) or Head of site of the RAU to ensure that the Range Officer/Range Warden and/or other range staff are maintaining the range to an acceptable standard of cleanliness and good order and that any maintenance work required is identified promptly and is followed up until completed. The MOD Form 907 (see Annex A) is the approved code of practice for monthly inspections and should be used unless a locally produced alternative, to the same standard, is substituted. The inspecting officer is to enter in red the date of his inspection in the MOD Form 906/906A/906B. He is to sign the entry and put his name, rank and appointment. In the RAF, the Unit Ranges Specialist Officer (URSO) is to personally inspect the unit range(s) monthly. When inspecting RAF recreational ranges, the URSO is to be accompanied by the OIC of the range. MOD Forms 907, or the locally produced alternatives, are to be retained by the RAU until the next annual or independent inspection, whichever is the sooner, has been completed.

0808. **Annual Inspection.** An annual inspection is to be carried out, using a MOD Form 907A (see Annex A), on behalf of the RAO. This inspection will determine if the RAU is maintaining the range to an acceptable standard and that any restrictions or limitations stipulated by the RAO are being followed. The annual inspection should also review the following:

- a. Byelaws, if applicable, and their relation to physical warning signs on the land.
- b. Range maps and WDA templates for weapon systems authorised for use on the range by the MOD Form 904.
- c. A check that ADA, ADH and SDA shown in current publications or on maps or charts are correct when compared with the current templates for weapons authorised for use on the range.
- d. Public use and/or access to check protective measures are current.

0809. A copy of the written report, on MOD Form 907A, is to be sent to the HQ of the RAO, the RFCA (if applicable) and the RAU, indicating the result of the inspection and detailing any maintenance/remedial action required. It should also indicate whether or not the range on charge to the unit is fit for use in accordance with the MOD Form 904 and the Range SO. The inspecting officer is to make an entry in red showing the date of his inspection in the MOD Form 906/906A/906B. He is to sign the entry and insert his name and appointment.

INDEPENDENT RANGE SAFETY INSPECTION AND AUDIT

0810. **Periodic MOD Independent Inspection.** Independent MOD inspections are to be conducted by RNRSO/RSIT/RAFESIT/DLRSC inspectors once in three years for all ranges as part of the triennial audit of each range by the DLRSC. On SA ranges within DE&S, DSG ,DA and Dstl sites/establishments and on SA ranges authorised by the CCMDP, the independent range safety inspections are the responsibility of DLRSC IRSI. If a range is temporarily closed when it becomes due for inspection and audit, the relevant IRSI should consider delaying until the range is re-opened for use, provided the delay is no more than 3 months. If any remaining period of temporary closure is likely to exceed 3 months the IRSI should report this to the DLRSC and re-schedule the inspection when informed by the HQ of the RAO that the range has re-opened.

0811. **Conduct.** At the invitation of the lead IRSI, any inspection can be assisted by an IRSI from elsewhere, if so required. All independent inspectors may seek advice from and refer problems to the DLRSC. Inspection and audit results are reported using MOD Form 907B; further detail on this form is at Annex A, including the distribution of sections of the completed report. An independent range safety inspection will replace the usual annual inspection for that year. The date of the independent inspection will be entered in red on the MOD Form 906/906A/906B by the inspector(s).

0812. **Assessment.** The independent inspection reports are used by the DLRSC to maintain a continuous oversight of land range safety and to compile safety assessments and gradings for all MOD land ranges. Performance indicators and records are maintained by the DLRSC Secretariat.

MONITORING OF INSPECTIONS AND REPORTS

0813. **Monitoring Standards.** The DLRSC will monitor annual and independent range inspections to provide assurance that range safety and inspection standards are being maintained across the MOD. Monitoring will be carried out in two ways:

- a. The DLRSC Monitor will attend a number of annual and independent range inspections with inspectors in order to assess standards and competency.
- b. DLRSC officers (Secretary and Monitor) will scrutinise all independent inspection reports (MOD FORM 907B), comment as necessary, agree the range safety grading and provide statistics and assessment to the committee. Major issues identified in reports will be addressed by the committee.

0814. **Inspection Programmes.** The Monitor DLRSC will arrange with each Service/MOD Agency and DE&S to receive details of annual and independent inspection programmes as required for monitoring purposes.

0815. **Annual Inspections.** When an annual inspection is monitored by the DLRSC the RAO is to ensure that a copy of the completed MOD Form 907A is sent to the Monitor DLRSC.

RANGE SAFETY INSPECTION COMPETENCY

0816. **Key Elements.** Monthly, annual and independent inspectors of ranges are required to be competent in assessing the following key elements of range safety as appropriate to their areas of responsibility:

- a. Range documentation.
- b. Range administration.
- c. Range control.
- d. Range structure and maintenance.

0817. **Framework.** A competency framework based on the key elements above and giving the performance criteria relevant to the monthly, annual and independent inspector is made available and maintained by the DLRSC. A copy of the framework is at Annex B.

0818. **Training.** Each Service/MOD Agency is responsible for providing any training necessary to achieve the required competency.

0819. **Assessment and Verification.** The competency framework sets the uniform standard across the MOD and provides the measure against which the compliance of individual inspectors is assessed and verified. After each monitored inspection the DLRSC Monitor will record his assessment of the inspector. If the assessment is not Fully Competent or Satisfactory the appropriate Service/MOD Agency chain of command will be informed.

ESTATE AND TECHNICAL INSPECTIONS

0820. **General.** Wherever possible, estate and works technical inspections should be programmed to take place concurrently with an annual inspection of a range. The RAU should ensure that a copy of each inspection report is placed in the dedicated range file.

0821. **Estate Inspection.** The Land Management Services (LMS) within DE regional office in conjunction with the HQ of the RAO (or, if applicable, the subordinate HQ with delegated responsibility for inspecting) and the RAU will arrange for biennial inspection of the estate containing open (outdoor) ranges to check that signing and boundary demarcation are correctly located and DE mapping is being maintained accordingly. The RAU will ensure that this inspection is recorded in red ink on the MOD Form 906/906A/906B.

0822. **Works Technical Inspection.** In accordance with DE Instructions, the Prime Contractors, Maintenance Management Organisation (or the equivalent in RFCA) appointed contractors are required to carry out an inspection once every two years to assess the condition of each range for which their Property Manager is responsible. A copy of the works technical inspection report is to be forwarded to the RAU. The date of the inspection is to be recorded in red ink on the MOD Form 906/906A/906B together with the signature, name, appointment and organisation of the person carrying out the inspection. Privately owned Schools CCF Ranges are to be inspected by RFCA inspectors in accordance with Reserve Forces and Cadet Instructions.

0823. **Infrastructure and Plant Inspection.** Inspections are also to be carried out of the infrastructure of buildings and any plant (including ventilation equipment) on a range in accordance with and at the frequency stated in the DE publication, DWS Specification 005 and in any relevant legislation and associated regulations. With regard to structures essential for the safety of personnel when the range is in use (e.g. bunkers), as a record of their inspection, the date and detail is to be entered in red ink on the MOD Form 906/906A/906B together with the signature, name, appointment and organisation of the person carrying out the inspection.

SUMMARY OF INSPECTIONS AND AUDIT

0824. The regular checks and inspections to be carried out on MOD land ranges are:

- a. Daily check by range staff, where practicable, before firing takes place, on the days that the range is to be used.
- b. Check by the RCO/DCO/TCO before and after firing has taken place, prior to completion of the MOD Form 906/906A/906B.
- c. Monthly inspection, using MOD Form 907 or locally produced alternative, by an officer nominated by the CO of the RAU/ Head of site.
- d. Annual inspection using MOD Form 907A, on behalf of the RAO.
- e. Estate inspection as arranged by DE or RFCA, as appropriate.
- f. Biennial works technical inspection by the contractor appointed by DE or by the partner.
- g. Infrastructure, plant and ventilation systems inspections by the contractor appointed by DE or by the partner.
- h. MOD independent inspection and audit once in three years for all ranges, using MOD Form 907B.
- i. Annual Inspection of indoor range ventilation systems by appropriate agency or contractor.

0825. Civilian ranges authorised for use by MOD personnel on duty are to receive daily and monthly inspections when in use, and annual and independent inspections and a DLRSC audit on the same basis as MOD land ranges.

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RANGE SAFETY INSPECTIONS AND AUDIT

Annex:

- A. MOD Forms 907, 907A and 907B.
- B. Range Safety Inspection Competency Framework.

Chapter 8 Annex A

MOD FORMS 907, 907A AND 907B

1. **MOD Form 907.** Monthly Inspection of a Land Range is the questionnaire to be used by inspectors for the monthly inspections of ranges unless the CO/OC/Head of the RAU directs that a locally produced alternative be used instead. The form comes in five parts and templates are included on the disk containing this volume of the JSP:

- a. 907-1 Indoor Range
- b. 907-2 Outdoor Marksmanship Range
- c. 907-3 Field Firing Range
- d. 907-4 EOD Range
- e. 907-5 Air Weapons Range

2. **MOD Form 907A.** Annual Inspection of a Land Range is the questionnaire to be used by inspectors to record their annual inspections of ranges on behalf of the RAO and templates are included on the disk containing this volume of the JSP .

3. **MOD Form 907B.** Independent Inspection of a Land Range covers the more detailed three yearly inspection that is carried out by the MOD independent range safety inspectors on Service, DTE, DE&S, Dstl, DSG and MDP controlled ranges and on other ranges used by MOD personnel. The form comes in five parts and templates are included on the disk containing this volume of the JSP:

- a. 907B-1 Indoor range
- b. 907B-2 Barrack range
- c. 907B-3 Range complex
- d. 907B-4 Gallery/ ETR range
- e. 907B-5 Open Range

4. Examples of the MOD Forms 907, 907A and 907B are appended to this chapter.

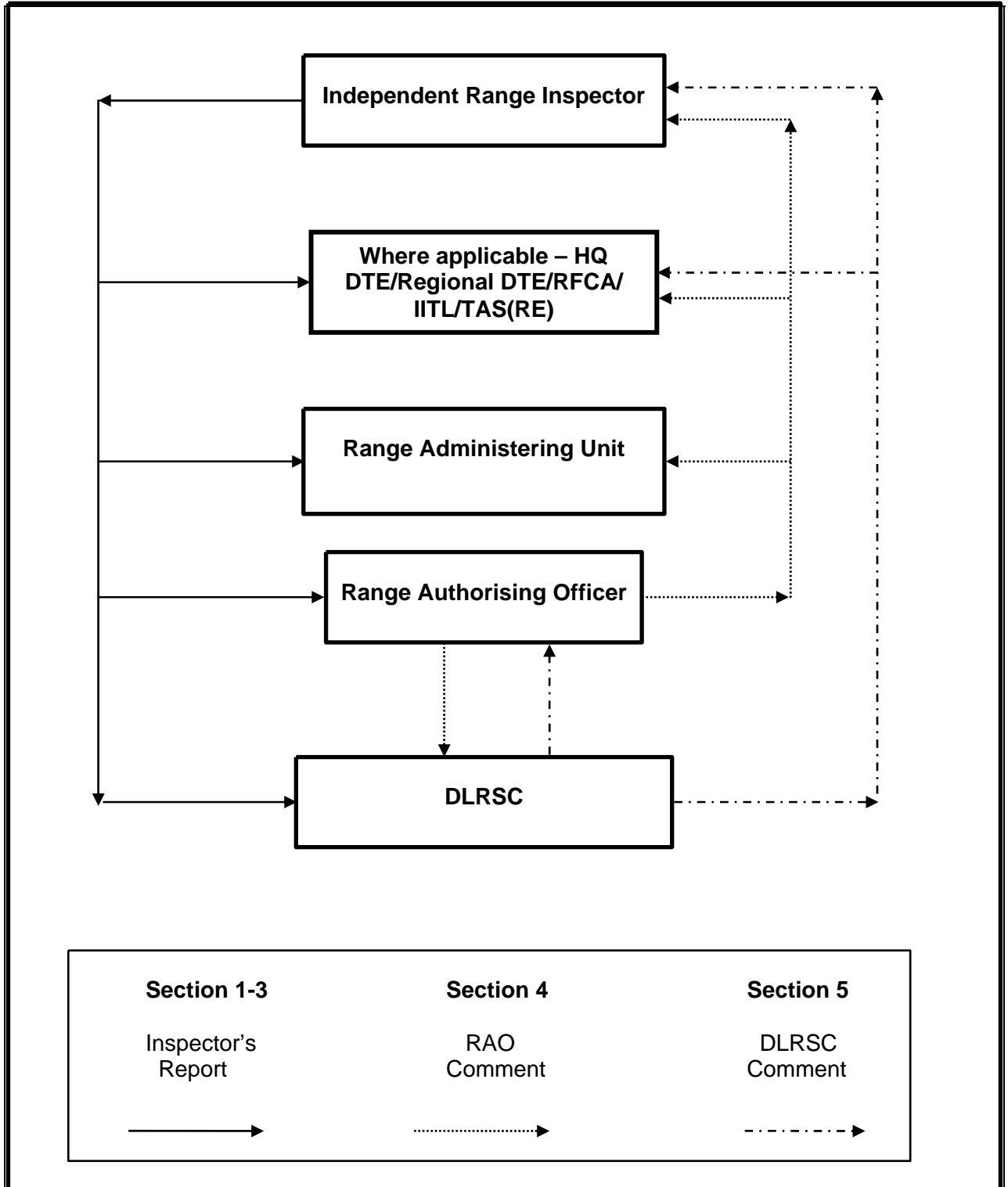
5. The distribution for the various Sections of the MOD Form 907B is shown in diagrammatic form at Appendix 1.

Appendix:

- 1 Distribution of MOD Form 907B.

Chapter 8 Annex A Appendix 1

DISTRIBUTION OF MOD FORM 907B



Chapter 8 Annex B

RANGE SAFETY INSPECTION COMPETENCY FRAMEWORK

Competence	Performance Criteria	Essential Requirement for:			Desirable Requirement for:		
		Monthly Insp	Annual Insp	Triennial Insp	Monthly Insp	Annual Insp	Triennial Insp
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1. <u>General</u> Knowledge of JSP 403, MOD training pamphlets and single service documentation associated with the range(s)	a. Know the procedures for siting, constructing and accepting a range b. Able to locate the criteria and specifications applicable to the design and construction of the range c. Know the national and international procedures for the notification and promulgation of air and sea danger areas d. Explain current MOD policy regarding range authorisation and use e. Able to check that the written risk assessment process exists in respect of the range f. Know the Service or Agency chain of command for the safe use and management of the range		X	X		X	X

Competence	Performance Criteria	Essential Requirement for:			Desirable Requirement for:		
		Monthly Insp	Annual Insp	Triennial Insp	Monthly Insp	Annual Insp	Triennial Insp
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	<p>g. Know the functions and responsibilities of range works organisations in respect of mandatory inspections of the range</p> <p>h. Explain the distinctions between permanent, temporary exercise and operational theatre ranges</p> <p>i. Know the performance indicators used by the DLRSC for monitoring the safety of ranges</p>			X		X	
				X		X	
				X			
<p>2. <u>Documentation</u></p> <p>Able to identify, understand and explain the documentation associated with land ranges</p>	<p>a. Check the application, use and management of range orders</p> <p>b. Check the Proceedings of a Board of Officers for the range(s)</p> <p>c. Know the methodology for initiating and applying the MOD Form 904 - Land Range Authorisation Certificate</p> <p>d. Know the methodology for initiating and applying the MOD Form 905 - Land Range Safety Certificate</p>		X	X		X	
				X			
				X			

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Competence	Performance Criteria	Essential Requirement for:			Desirable Requirement for:		
		Monthly Insp	Annual Insp	Triennial Insp	Monthly Insp	Annual Insp	Triennial Insp
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	<p>e. Explain the reasons for displaying a valid MOD Form 905 at the range</p> <p>f. Know the purpose and use of MOD Form 906, 906A & 906B - Range Log</p> <p>g. Apply and use the MOD Form 907 monthly inspection form on the range</p> <p>g. Apply and use the MOD Form 907A annual inspection form on the range</p> <p>h. Apply and use the MOD Form 907B independent inspection forms on the range</p> <p>i. Explain the purpose of and procedure for using and retaining the MOD Form 907 - Monthly Inspection Form (or the locally produced alternative)</p> <p>j. Explain range dispensation and approved status methodology and application</p> <p>k. Locate and interpret the requirements that allow other Services, MOD Agencies, civil Police, civilian</p>	X	X	X			

Competence	Performance Criteria	Essential Requirement for:			Desirable Requirement for:		
		Monthly Insp	Annual Insp	Triennial Insp	Monthly Insp	Annual Insp	Triennial Insp
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	clubs, etc to use the range						
3. <u>Administration</u> Know the requirements and responsibilities for administering land ranges	<p>a. Know the responsibilities of the RAU and DE in respect of land ranges</p> <p>b. Conduct a review of range orders</p> <p>c. Check that procedures are in place for range orders to be made available to all RCOs on the range</p> <p>d. Able to identify that range orders include all aspects of range management required by JSP 403 and outlined in the MOD Form 907B series</p> <p>e. Identify the communications requirements, internal and external, necessary to maintain the safety of the range</p> <p>f. Know the responsibilities of Range Wardens</p> <p>g. Able to assess whether or not the range complies with pollution control measures in JSP 403</p>		X	X		X	
			X	X			
			X	X			
				X		X	
			X	X			
				X		X	X

RANGE SAFETY INSPECTIONS AND AUDIT

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Competence	Performance Criteria	Essential Requirement for:			Desirable Requirement for:		
		Monthly Insp	Annual Insp	Triennial Insp	Monthly Insp	Annual Insp	Triennial Insp
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
4. <u>Control</u> Locate, interpret and verify compliance with MOD policy and procedures for effective control of ranges and access onto them	<p>a. Know the principles for planning and controlling live fire and manoeuvre training</p> <p>b. Verify the procedure that ensures only authorised or qualified personnel are handed control of the range</p> <p>c. Explain how the MOD Form 906, 906A and 906B is used for control of the range</p> <p>d. Know the purpose and scope of the MOD range safety inspection system</p> <p>e. Know the purpose and scope of monthly inspections</p> <p>f. Know the purpose and scope of annual inspections</p> <p>g. Know the purpose and scope of independent inspections</p> <p>h. Locate and interpret MOD policy for controlling access to MOD ranges</p>			X		X	
			X	X		X	
		X	X	X		X	
			X	X		X	
				X		X	
							X

Competence	Performance Criteria	Essential Requirement for:			Desirable Requirement for:		
		Monthly Insp	Annual Insp	Triennial Insp	Monthly Insp	Annual Insp	Triennial Insp
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	i. Locate and interpret MOD policy, standards and best practice guidance on signs, notices, fencing, flags, lights and access points j. Determine and verify the requirement for signs, notices, fencing, flags, lights and access points on the range k. Explain the safety information required on range maps			X X		X X	 X
5. <u>Structure & Maintenance</u> Able to locate, interpret and verify design and construction requirements and determine the need for and adequacy of maintenance	a. Able to check that constructed components conform to the approved design b. Know the responsibilities for maintenance work, its frequency and standards c. Know where to find design, construction and maintenance criteria for the range d. Know how to measure compliance with criteria for		X X	X X		X X	

RANGE SAFETY INSPECTIONS AND AUDIT

Competence	Performance Criteria	Essential Requirement for:			Desirable Requirement for:		
		Monthly Insp	Annual Insp	Triennial Insp	Monthly Insp	Annual Insp	Triennial Insp
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	NDA and LDA ranges						
	e. Able to check that maintenance work is timely and satisfactory		X	X			
	f. Know the pollution control measures required for the range and how they should be applied		X	X			

SECTION 1 – RANGE DETAILS

DLRSC Range Serial No:



MOD Form 907-1
Revised April 2008

Range Name:

Range Administering Unit

Monthly Inspection of an Indoor Range

Type of Range (eg 25/30m, Tube, ITR)

Inspection Date

Before the inspection obtain a copy of the recommendations given in the most recent inspection report (907, 907A and 907B) for use at the range.

SECTION 2 – INSPECTION CHECKLIST

Documentation

- | | | | | | |
|----|--|---------------------------|--------------------------|----|--------------------------|
| 1. | Was the range inspected last month and a red ink entry made in the MOD F 906? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 2. | Is a current Land Range Safety Certificate (MOD Form 905) displayed at the range and or made available to the RCO? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| | | MOD Form 905 Expiry Date: | <input type="text"/> | | |
| 3. | Is a Land Range Log (MOD Form 906) being maintained for the range in accordance with current instructions? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 4. | Is there a system to make Range Standing Orders available to RCOs on the range? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |

Physical Condition of the Range

- | | | | | | |
|-----|---|-----|--------------------------|-----|--------------------------|
| 5. | Does the structure of the range look sound? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 6. | Is the red warning light(s) by the entrance door(s) in a serviceable condition and does the associated notice forbid entry when the red light is illuminated? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 7. | Do all fitted alarms work? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 8. | Is the range clear of inappropriate material/stores and maintained in a clean condition? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 9. | Does the ventilation system appear to be working correctly? (ie inputting in at the firing point and extracting at the target end). | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 10. | Are target lane markers at firing point and target clearly visible from the firing point? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 11. | Is the firing point free from materials which could harbour lead dust or unburnt propellant? (Carpets, sand bags or kit bags, rubber foam etc). | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 12. | Are shooting hatches secure? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 13. | Is the structure of the range between the firing point(s) and target(s) free from bullet strike damage? (includes undisciplined firing) | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 14. | Can doors forward of the firing point be secured from the inside? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 15. | Is the soft wood cladding throughout the range in good condition? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 16. | Is the rubber Linatex curtain between targets and back plate in good condition? (No holes that visually expose surfaces beyond). | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 17. | Is the steel backplate or sacrificial plate behind the target(s) sound? (ie no holes, cracks, bowing or visible brickwork). | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 18. | Is the range floor free from bullet debris? (ie bounce back off linatex curtain). | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 19. | Is the emergency telephone number given in range orders correct and is the phone accessible whenever the range is used? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |

This block is only applicable to Tube Ranges		N/A	<input type="checkbox"/>
20.	Is access to the bullet catcher lockable or fitted with an automatic interlock system which indicates, at the firing point, when the bullet catcher door is open?	Yes	<input type="checkbox"/> No <input type="checkbox"/>
21.	Is the inner surface(s) of the tube(s) visually sound when viewed from the firing point end? (ie without vertical protrusions at the joints facing the firer)	Yes	<input type="checkbox"/> No <input type="checkbox"/>

This block is only applicable to ranges which have a sand filled bullet catcher		N/A	<input type="checkbox"/>
22.	Is the sand in the bullet catcher in good condition with no obvious build up of lead?	Yes	<input type="checkbox"/> No <input type="checkbox"/>

This block is applicable to all ranges.			
23.	Have the recommendations from the previous inspection (MOD Form 907, 907A and 907B) been implemented?	N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>

SECTION 3 - INSPECTOR'S RECOMMENDATIONS

Notes:

- i. If the Inspector answers **NO** to any of the questions in Section 2, or notes any other fault during his inspection, he is here to recommend the action required to correct the deficiency or fault.
- ii. Whenever the inspector considers that a deficiency or fault degrades safety to the extent that the range should be closed immediately, or that restrictions on its use should be imposed, he is to recommend this action to the Officer Commanding/Head of the Range Administering Unit (RAU) without delay. **When the CO/Head of RAU considers immediate closure of the range to be necessary, he should contact the Range Authorising Headquarters without delay whose responsibility it is to withdraw the MOD Form 905 - Land Range Safety Certificate.**

Prior to leaving the range sign the MOD F 906 in red ink as a permanent record of this inspection

Inspector's Signature:

Name:

Rank:

Appointment:

Date:

Distribution: CO/Head of Range Administering Unit.
 Other Addressees as directed by local instructions.
 Range File

SECTION 1 – RANGE DETAILS

DLRSC Range Serial No:

MOD Form 907- 2
(Revised Apr 08)



Range Name:

Range Administering Unit

Monthly Inspection of an Outdoor Marksmanship Range

Type of Range: (eg Barrack, Gallery, ETR etc)

Inspection Date

Before the inspection obtain a copy of the recommendations given in the most recent inspection report (907, 907A and 907B) for use at the range.

SECTION 2 – INSPECTION CHECKLIST

Documentation

- | | | | | | |
|----|--|---------------------------|--------------------------|----|--------------------------|
| 1. | Was the range inspected last month and a red ink entry made in the MOD F 906? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 2. | Is a current Land Range Safety Certificate (MOD Form 905) displayed at the range or made available to the RCO? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| | | MOD Form 905 Expiry Date: | <input type="text"/> | | |
| 3. | Is a Land Range Log (MOD Form 906) being maintained for the range in accordance with current instructions? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 4. | Is there a system to make Range Standing Orders available to RCOs on the Range? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |

Physical Condition of the Range

Questions 5 – 9 should be marked on the range master map if applicable.

- | | | | | | |
|-----|---|-----|--------------------------|-----|--------------------------|
| 5. | Are range boundary fences, walls and access points serviceable? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 6. | Are warning signs clearly displayed and serviceable? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 7. | Are warning notices (including bylaws where applicable) clearly displayed and serviceable? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 8. | Are warning flags and flagpoles serviceable? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 9. | Are night firing warning lights clearly displayed serviceable? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 10. | Are the built structures of the range clean, tidy and in a serviceable condition? (Consider target stores, troop shelters, control buildings, markers galleries etc). | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 11. | Is vegetation under control? (Consider grass, shrubs etc obstructing lines of fire or making it difficult to locate spent cases) | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 12. | Are all firing points clearly defined with distance markers? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 13. | Are all lane markers and target numbers serviceable and legible? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 14. | Are firing trenches in a serviceable condition? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 15. | Is the ground forward of the firing points free from ricochet inducing material? (Consider stones over 30mm, exposed concrete, brickwork, ironwork, surface water). | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 16. | Is the range between the firing point(s), target(s) and rear wall free from bullet strike? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 17. | Is the range free from damage attributable to undisciplined shooting or practices? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 18. | Is the emergency telephone number given in range orders correct and is the telephone accessible whenever the range is used? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |

This block is applicable only to ranges which have a stop butt, mantlet and/or sand-filled bullet catcher.		N/A	<input type="checkbox"/>
19.	Is the bullet catcher, mantlet and stop butt being properly maintained at the correct profile? (Sand or granulated rubber in stop butt must be angled at 34° (no less than 30°). On Barrack Ranges the correct profile must be marked on the side wall of the bullet catcher)	Yes	<input type="checkbox"/> No <input type="checkbox"/>
20.	Is the sand or granulated rubber in the stop butt/bullet catcher in good condition and raked to avoid compaction and or craters at the main point of impact?	Yes	<input type="checkbox"/> No <input type="checkbox"/>
21.	Is the mantlet free from scouring caused by frequent low bullet strikes?	Yes	<input type="checkbox"/> No <input type="checkbox"/>

This block is applicable to all ranges.			
22.	Have the recommendations from previous inspections (including 907/907A and 907B) been implemented?	Yes	<input type="checkbox"/> No <input type="checkbox"/>

SECTION 3 - INSPECTOR'S RECOMMENDATIONS

Notes:

- i. If the Inspector answers **NO** to any of the questions in Section 2, or notes any other fault during his inspection, he is here to recommend the action required to correct the deficiency or fault.
- ii. Whenever the Inspector considers that a deficiency or fault degrades safety to the extent that the range should be closed immediately, or that restrictions on its use should be imposed, he is to recommend this action to the Officer Commanding/Head of the Range Administering Unit (RAU) without delay, and record here details of the recommendation. **When the CO/Head of RAU considers immediate closure of the range to be necessary, he should contact the Range Authorising Headquarters without delay whose responsibility it is to withdraw the MOD Form 905 - Land Range Safety Certificate.**

Prior to leaving the range sign the MOD Form 906 in red ink as a permanent record of this inspection

Inspector's Signature:

Name:

Rank:

Appointment:

Date:

Distribution

CO/Head of Range Administering Unit.
Other Addressees as directed by local instructions.
Range File

SECTION 1 – RANGE DETAILS

DLRSC Range Serial No:

MOD Form 907- 3
(Revised Apr 08)



Range Name:

Range Administering Unit

Monthly Inspection of a Field Firing Range

Type of Range (CQB, Sect in Defence, Atk Heat etc):

Inspection Date

Before the inspection obtain a copy of the recommendations given in the most recent inspection report (907, 907A and 907B) for use at the range.

SECTION 2 – INSPECTION CHECKLIST

Documentation

- 1. Was the range inspected last month and a red ink entry made in the MOD F 906? Yes No
- 2. Is a current Land Range Safety Certificate (MOD Form 905) displayed at the range or made available to the RCO? Yes No

MOD Form 905 - Expiry Date :
- 3. Is a Land Range Log (MOD Form 906) being maintained in accordance with current instructions? Yes No
- 4. Is there a system in place to make Range Standing Orders available to RCOs? Yes No

Physical Condition of the Range: *The items in questions 5 – 9 should be marked on the range master map.*

- 5. Are range boundary fences, walls and access points serviceable? Yes No
- 6. Are warning signs clearly displayed and serviceable? Yes No
- 7. Are warning notices (including bylaws where applicable) clearly displayed and in a serviceable condition? Yes No
- 8. Are serviceable warning flags (or discs) and flagpoles at the perimeter or on effects bunkers and are they visible from all areas? Yes No
- 9. Are night firing warning lights visible and serviceable? N/A Yes No
- 10. Are Arc markers serviceable and visible? N/A Yes No
- 11. Are built structures of the range clean, tidy and visually serviceable? (Consider target stores, troop shelters, control buildings, effects bunkers etc). Yes No
- 12. Is vegetation under control? (Consider grass, shrubs etc obstructing lines of fire). Yes No
- 13. Are movement boxes/battle runs clearly marked with serviceable timber posts in distinctive colours? N/A Yes No
- 14. Are firing trenches and weapon pits serviceable and dry? N/A Yes No
- 15. Is the area free from ricochet inducing material? (Consider stones, exposed concrete, brickwork or ironwork, surface water etc.) Yes No
- 16. Are rocks being exposed at target pits because of soil erosion caused by shot damage? Yes No
- 17. Is the emergency telephone number given in range orders correct and is the telephone accessible whenever the range is used? Yes No
- 18. Have the recommendations from previous inspections (including 907/907A and 907B) been implemented? Yes No

SECTION 3 - INSPECTOR'S RECOMMENDATIONS

Notes:

- i. If the Inspector answers **NO** to any of the questions in Section 2, or notes any other fault during his inspection, he is here to recommend the action required to correct the deficiency or fault.
- ii. Whenever the Inspector considers that a deficiency or fault degrades safety to the extent that the range should be closed immediately, or that restrictions on its use should be imposed, he is to recommend this action to the Officer Commanding/Head of the Range Administering Unit (RAU) without delay, and record here details of the recommendation. **When the CO/Head of RAU considers immediate closure of the range to be necessary, he should contact the Range Authorising Headquarters without delay whose responsibility it is to withdraw the MOD Form 905 - Land Range Safety Certificate.**

Inspector's Signature:

Name:

Rank:

Appointment:

Date:

Before leaving the range make a red line entry in the MOD Form 906 recording details of this inspection.

Distribution

CO/Head of Range Administering Unit.
Other Addressees as directed by local instructions.
Range File

SECTION 1 – RANGE DETAILS

DLRSC Range Serial No:

MOD Form 907- 4
(Revised Apr 08)



Range Name:

Range Administering Unit

Monthly Inspection of an EOD Range

Type of Range (Demolition, EOD Training etc):

Inspection Date

Before the inspection obtain a copy of the recommendations given in the most recent inspection report (907, 907A and 907B) for use at the range.

SECTION 2 – INSPECTION CHECKLIST

Documentation

- | | | | | | |
|---|--|-----|--------------------------|----|--------------------------|
| 1 | Was the range inspected last month? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 2 | Is a current Land Range Safety Certificate (MOD Form 905) displayed at the range or made available to the RSO? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| MOD Form 905 - Expiry Date : <input style="width: 150px;" type="text"/> | | | | | |
| 3 | Is a Land Range Log (MOD Form 906) being maintained in accordance with the notes on the inside front cover? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 4 | Is there a system in place to make Range Standing Orders available to RSOs? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |

Physical Condition of the Range: *The items in questions 5 – 9 should be marked on the range master map if applicable.*

- | | | | | | |
|----|--|-----|--------------------------|----|--------------------------|
| 5 | Are range boundary fences, hedges, walls and access points serviceable? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 6 | Are warning signs correctly located, clearly displayed and serviceable? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 7 | Are warning notices (including bylaws where applicable) correctly located, clearly displayed and in a serviceable condition? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 8 | Are serviceable warning flags (or discs) and flagpoles correctly located at the perimeter or on effects bunkers and are they visible from all areas? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 9 | Are night activity warning lights visible, correctly positioned and serviceable? N/A <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 10 | Are built structures of the range clean, tidy and visually serviceable? (Consider target stores, troop shelters, control buildings, effects bunkers, state of sandbags etc). | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 11 | Is vegetation under control? (Consider grass, shrubs etc obstructing clear range procedures). | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 12 | Are demolition pits serviceable and dry? N/A <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 13 | Is the area free from debris? (Consider stones, exposed concrete, brickwork or ironwork,). | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 14 | Have the recommendations from previous inspections (including 907/907A and 907B) been completed? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 15 | Do activities recorded in MOD F906 correspond with the unit Demolition Diary? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 16 | Is the emergency telephone number given in range orders correct and is the telephone accessible whenever the range is used? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |

SECTION 3 - INSPECTOR'S RECOMMENDATIONS

Notes:

1. If the Inspector answers **NO** to any of the questions in Section 2, or notes any other fault during his inspection, he is here to recommend the action required to correct the deficiency or fault.
2. Whenever the Inspector considers that a deficiency or fault degrades safety to the extent that the range should be closed immediately, or that restrictions on its use should be imposed, he is to recommend this action to the Officer Commanding/Head of the Range Administering Unit (RAU) without delay, and record here details of the recommendation. **When the OC/Head of RAU considers immediate closure of the range to be necessary, he should withdraw the MOD Form 905 (Land Range Safety Certificate) and ensure that the range may not be used until it is replaced.**

Inspector's Signature:

Name:

Rank:

Appointment:

Date:

Before leaving the range make a red line entry in the MOD Form 906 recording details of this inspection.

Distribution

OC/Head of Range Administering Unit.
Other Addressees as directed by local instructions.
Range File

SECTION 1 – RANGE DETAILS

DLRSC Range Serial No:

MOD Form 907- 5
(Revised Apr 08)



Range Name:

Range Administering Unit

Monthly Inspection of an Air Weapons Range

Type of Range:

Inspection Date

Before the inspection obtain a copy of the recommendations given in the most recent inspection report (907, 907A and 907B) for use at the range.

SECTION 2 – INSPECTION CHECKLIST

Documentation

- | | | | | | |
|---|--|-----|--------------------------|----|--------------------------|
| 1 | Was the range inspected last month? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 2 | Is a current Land Range Safety Certificate (MOD Form 905) displayed at the range or made available to the RCO? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| MOD Form 905 - Expiry Date : <input style="width: 150px;" type="text"/> | | | | | |
| 3 | Is a Land Range Log (MOD Form 906) being maintained in accordance with the notes on the inside front cover? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 4 | Is there a system in place to make Range Standing Orders available to RCOs? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |

Physical Condition of the Range: *The items in questions 5 – 9 should be marked on the range master map if applicable.*

- | | | | | | |
|----|--|-----|--------------------------|-----|--------------------------|
| 5 | Are range boundary fences and access points incl public rights of way serviceable? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 6 | Are warning signs correctly located, clearly displayed and serviceable? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 7 | Are warning notices (including bylaws where applicable) correctly located, clearly displayed and in a serviceable condition? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 8 | Are serviceable warning flags and flagpoles correctly located at the perimeter and are they visible from all areas? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 9 | Are night bombing warning lights visible, correctly positioned and serviceable? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 10 | Is the spent munitions CFFE storage area serviceable and secure? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 11 | Are built structures of the range clean, tidy and visually serviceable? (Consider target stores, troop shelters, control buildings etc). | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 12 | Is vegetation under control? (Consider grass, shrubs etc). | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 13 | Are the targets in reasonable condition and fit for purpose? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 14 | Are range access tracks and roads serviceable and in good condition? | N/A | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 15 | Is the area free from ricochet inducing material? (Consider stones, exposed concrete, brickwork or ironwork, spent munitions etc). | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 16 | Is the area around the targets being exposed due to munitions damage? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 17 | Have the recommendations from previous inspections (including 907/907A and 907B) been completed? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
| 18 | Is the emergency telephone number given in range orders correct and is the telephone accessible whenever the range is used? | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |

SECTION 3 - INSPECTOR'S RECOMMENDATIONS

Notes:

1. If the Inspector answers **NO** to any of the questions in Section 2, or notes any other fault during his inspection, he is here to recommend the action required to correct the deficiency or fault.
2. Whenever the Inspector considers that a deficiency or fault degrades safety to the extent that the range should be closed immediately, or that restrictions on its use should be imposed, he is to recommend this action to the Officer Commanding/Head of the Range Administering Unit (RAU) without delay, and record here details of the recommendation. **When the OC/Head of RAU considers immediate closure of the range to be necessary, he should withdraw the MOD Form 905 (Land Range Safety Certificate) and ensure that the range may not be used until it is replaced.**

Inspector's Signature:

Name:

Rank:

Appointment:

Date:

Before leaving the range make a red line entry in the MOD Form 906 recording details of this inspection.

Distribution

OC/Head of Range Administering Unit.
Other Addressees as directed by local instructions.
Range File

DLRSC Range Serial No:



MOD Form 907A
(Revised Mar 2010)

Range Name:

Range Authorising HQ Reference No:

Annual Inspection of a Land Range

Type of Range:

Location (Map Sheet & GR):

Range Administering Unit:

Range Administering Unit Address:

Range Address:

Range Officer: (i.e. The officer appointed by either the CO of the Range Administering Unit or by the Command/Division/TA Authority, for the overall management of the range.)

Name:

Rank:

Appointment:

Tel No:

SECTION 1 - INSPECTION CHECKLIST

Inspection Date:

Date of previous annual inspection:

1. Have recommendations from the previous annual inspection (including 907B inspection if in lieu of 907A) been actioned satisfactorily? Yes No

2. Does the Range Administering Unit hold a valid copy of the Land Range Authorisation Certificate (MOD Form 904)? Yes No

Reference No:

Date of Signature:

3. Have existing dispensations been reviewed in the past 12 months? N/A Yes No

4. Is a current Land Range Safety Certificate (MOD Form 905) displayed at the range, or if inappropriate (e.g. field firing ranges having no fixed firing points), is the Certificate held by the Range Officer and made available to RCOs? Yes No

Expiry Date:

5. Is a Land Range Log (MOD Form 906/906A/906B) being maintained for the range in accordance with the notes on the inside front cover? (Within a Range Complex each range requires a separate log). Yes No

6. Approximate number of rounds fired in the past 12 months:

7. Are Range Orders reviewed annually, complete and relevant to the type of range and practices conducted? Yes No

Date of last review:

8. Do Range Orders detail the action to be taken in the event of an emergency? Yes No

9. Do Range Orders give the location of the nearest means of communication by which emergency services may be called and the correct telephone numbers? Yes No

10.	Do Range Orders clearly state the medical cover and equipment to be provided?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
11.	Are Range Orders readily available to RCOs?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
12.	Do Range Orders include any additional measures which may be required as a result of the general Unit Risk Assessment?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
13.	Are all publications (including relevant Safety Notices) fully amended and available to the Range Officer and RCOs?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
14.	Is there a procedure that ensures ranges can only be allocated to persons who are qualified to conduct firing?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
15.	Are mandatory periodic inspections (as required by JSP 403 Volume 1 Chapter 8) being completed and recorded in the MOD Form 906/906A/906B?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
This block is applicable only if the range is also used by non-MOD personnel.		Not applicable		<input type="checkbox"/>	
16.	Does the Range Officer hold a copy of licences or encroachment agreement(s) issued by the appropriate authority (DE/RFCA)? (see JSP 403 Volume I Chapter 3)	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
17.	Do Range Orders cover range use by non-MOD personnel?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
This block is applicable only if the range is maintained under MOD procedures.		Not applicable		<input type="checkbox"/>	
18.	Has the Works Technical Inspection been carried out at correct frequency and signed by the inspector?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
19.	Have all safety-critical faults noted in the above maintenance inspection been rectified?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
This block is applicable only to Outdoor Ranges.		Not applicable		<input type="checkbox"/>	
20.	Where an Air and or Sea Danger Area exists, are adequate procedures in place to ensure that any incursion is quickly detected and firing curtailed?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
21.	Do Range Orders require warning flags and or lights to be deployed when the range is used?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
22.	Are all markers which indicate authorised arcs of fire in good condition?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
This block is applicable only to Indoor Ranges (including, where relevant, Tube Ranges).		Not applicable		<input type="checkbox"/>	
23.	Is the bullet catcher, backplate (where fitted), pelmet and side-walls behind the anti-backsplash curtain, in a sound condition?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
24.	Is the defence zone around the target area large enough?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
25.	Is the defence zone adequately protected with appropriate material which is in good condition?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
26.	Is the range floor constructed from impenetrable material?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
27.	Can all doors forward of the firing point be secured from the inside? N/A	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No <input type="checkbox"/>
28.	Is the range maintained in a clean condition?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
29.	Is the range de-leaded at appropriate intervals (timeframe given in Chapter 30)?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
30.	Has the lead in air assessment level, or the volumetric airflow, been assessed by a competent body?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Date: <input style="width: 100px; height: 20px;" type="text"/>					
31.	Is there an effective ventilation system? N/A	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No <input type="checkbox"/>
32.	Has the ventilation system been inspected within the past 12 months? N/A	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No <input type="checkbox"/>
33.	Do Range Orders cover cleaning methods & authorised equipment? N/A	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No <input type="checkbox"/>

This block is applicable only to Tube Ranges.		Not applicable		<input type="checkbox"/>	
34.	Is access to the bullet catcher lockable or fitted with an automatic interlock system which indicates, at the firing point, when the bullet catcher door is open?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
35.	Is the inner surface of the tube in a sound condition, without ingress of water or protrusions at the joints of the tube sections?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
36.	Are the targets being positioned centrally in the tube(s)?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
37.	Is there a 50mm wide white line painted 150mm inside the mouth of the tube(s)?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
38.	Are tubes included in the periodic deep clean?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
This block is applicable only to Barrack Ranges.		Not applicable		<input type="checkbox"/>	
39.	Is the ground forward of the firing points free from ricochet inducing material?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
40.	Are targets being positioned at the correct height?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
41.	Are the flank targets being positioned within the correct limits?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
This block is applicable only to ranges which have a stop butt, mantlet and/or sand/granulated rubber-filled bullet catcher.		Not applicable		<input type="checkbox"/>	
42.	Is the bullet catcher, mantlet and stop butt properly maintained at the correct profile?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
43.	Is the sand or granulated rubber in the bullet catcher in good condition and being de-leaded as required by the usage of the range?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
44.	Is the mantlet free from scouring caused by frequent low strikes?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
This block is applicable only to the inspection of a complex of ranges.		Not applicable		<input type="checkbox"/>	
45.	Is the simultaneous use of ranges approved by a designated member of range staff?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
46.	Does the range planning procedure ensure that each RCO is made aware of restrictions on movement within the range complex?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
47.	Is there central control of movement between ranges when firing is in progress?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
48.	In an emergency, can range staff quickly stop firing at any or all of the ranges?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
This block is applicable to all ranges.					
49.	Are the warning flags, lights, signs and/or notices appropriate to the range, correctly located, clearly displayed and in a serviceable condition?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
50.	Are targets presented in the correct positions?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
51.	Are the correct positions for targets clearly marked or indicated?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
52.	Are all firing points clearly marked?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
53.	Is the structure of the range sound?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
54.	Is the structure of the range between the firing point/s and target/s free from bullet strike damage?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
55.	Is the range free from ricochet or backsplash hazards?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
56.	Is the range free from damage attributable to indisciplined shooting or practices?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
57.	Is a Range Warden established and in post; or is an individual specifically nominated for the maintenance of the range?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
58.	Does this range meet the essential criteria for its continued use?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

SECTION 2 - INSPECTOR'S INSTRUCTIONS

Notes:

1. If the Inspector answers **NO** to any of the questions in Section 2, or notes any other fault during his inspection, he is here to recommend the action required to correct the deficiency or fault.
2. Whenever the Inspector considers that a deficiency or fault degrades safety to the extent that the range should be closed immediately, or that restrictions on its use should be imposed without delay; he is to recommend this action to both the Officer Commanding the Range Administering Unit (RAU) and the Range Authorising Officer (through Duty Officers, if necessary) without delay, and record here details of the recommendation. **When the Inspector considers immediate closure of the range to be necessary, he should also withdraw the MOD Form 905 (Land Range Safety Certificate) and ensure that the RAU understand that the range may not be used until it is replaced.**

References:

- A. JSP 403 - Handbook of Defence Land Ranges Safety, Vol I - Policy.
- B. JSP 403 - Handbook of Defence Land Ranges Safety, Vol II - Design, Construction and Maintenance of Small Arms, Infantry Weapon Systems and 30mm Weapon System Ranges.
- C. Infantry and Armoured Training Volume IV - Ranges and Training Safety, Pamphlet No 21, Regulations for Training with Armoured Fighting Vehicles, Infantry Weapon Systems and Pyrotechnics .
- D. Air Publication 3205 RAF Land Ranges - Policy (RAF only).
- E. Headquarters Air Weapons Range Orders (HQ AWROs).
- F. JSP 403 - Handbook of Defence Land Ranges Safety, Vol III - Air to Surface Range Safety.
- G. JSP 482 - MOD Explosive Regulations.

Comments

Inspector's Signature:

Name:

Rank:

Appointment:

Date:

Distribution:

Action: Range Administering Unit

Copy to: Range Authorising Headquarters
RFCA (if the report covers a Reserve Forces or Army Cadet range)
HQ Air Cadets (if the report covers an ATC range)
TAS (if TAS advice is recommended)
DLRSC Monitor (if in attendance at the inspection)

INDOOR RANGEMOD Form 907B-1
(Revised Mar 2010)**INDEPENDENT RANGE SAFETY INSPECTION REPORT
COVER SHEET**Tick this box if completing
Cover Sheet Only

Range Serial No:	Range Name :	Inspection Date:
Complex Ser No (if any):	Range Complex Name (if any):	Current Status: See Note 4
Type of Range:		
Range Authorising Headquarters:	RFCA/DTE:	
Email:	Email:	
Range Address:	Range Administering Unit Address:	
Email:	Email:	
Map Sheet:	Grid Reference:	
Main users of the range:		
Brief description of the range:		
Range Officer: (The officer appointed by the CO of the Range Administering Unit for the overall management of the range.)		
Name and Rank:		Appointment:
Civilian Telephone Number:	Military Telephone Number:	E-Mail Address:

This report comprises:

Cover Sheet.

Section 1 Range Documentation.

Section 2 Range Safety Questionnaire.

Section 3 Inspector's Comments and Recommendations.

Section 4 Follow-up action ordered by the Range Authorising Headquarters. (Not applicable to RN)

Section 5 DLRSC comments and recommendations.

Notes.

- Inspectors are to complete Sections 1, 2 and 3 then distribute them as detailed in Section 3.
- Service Inspection Coordinators are to liaise with the relevant Range Authorising Headquarters to ensure that Section 4 is completed.
- Range Safety Gradings:**
 - Grade A:** The range meets all the criteria specified in JSP 403.
 - Grade B:** The range does not fully meet the criteria specified in JSP 403 but its continued use does not present an unacceptable hazard provided remedial action is taken as soon as is reasonably practicable.
 - Grade C:** The range does not meet the essential safety criteria specified in JSP 403 to the extent that continued use presents an unacceptable hazard. Before further use, the identified failings should be rectified and/or control measures put in place; or a dispensation should be granted.
- Current Status:**
 - a) Closed:** The range has been decommissioned, all documentation has been permanently withdrawn by the Range Authorising Headquarters and Annex C to Chapter 6 of JSP 403 Vol I has been completed. No inspection required.
 - b) Temporarily Closed:** MOD Form 905 and 906, and/or other range documentation have been temporarily withdrawn by the Range Authorising Headquarters or Range Administering Unit. Situation should be reported to DLRSC but no inspection is required.
 - c) Active:** Where the range is in normal use; or when neither a. nor b. above is applicable, the Inspector should consider the range to be active and a full range safety inspection and report should be completed.

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 1
RANGE DOCUMENTATION

1. Enter the following information pertaining to the documents listed below:

a. MOD Form 904: Reference No: Date of Signature:

b. If the range operates under dispensation/s for non-standard construction and/or practices, summarise the circumstances and enter the dates of validity below: If none, indicate here:

Granted by: Rank/Grade:
 Appointment: Valid from: to:

Y N

Has the above dispensation been reviewed in past 12 months?

c. AF K1309/MOD Form 1057 or other technical records:
 Reference No: Approval Dated:

d. MOD Form 905: Date of expiry:

e. MOD Form 906:
 Cumulative total of rounds fired since most recent de-leading of the bullet catcher: From: to:

All actions completed?

	Date:	Inspected by:	All actions completed?		
			N/A	Y	N
a. MOD Form 907A (Annual)	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. MOD Form 907B (Independent)	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Works Technical Inspection.	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Ventilation Eqpt	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Lead in air assessment	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		(1) Was the lead in air level assessed as being within acceptable levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		(2) If outside acceptable levels has appropriate action been taken?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DOCUMENTATION GRADING:
 (See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 2**RANGE SAFETY INSPECTION QUESTIONNAIRE****RANGE ADMINISTRATION**

1. Range Orders:	N/A	Y	N
a. Are Range Orders promulgated in the Orders of the Range Administering Unit?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Have Range Orders been reviewed during the last 12 months?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Are Range Orders available to the RCO on the range?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Do Range Orders clearly describe or include:			
a. The name and location of the range?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. The Unit and appointment of the officer responsible to the CO of the Range Administering Unit for the overall management of the range?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. That firing is only to be conducted under the supervision of properly qualified or authorised RCOs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. The weapons and ammunition limitations applicable to the range, in accordance with the schedule of the Range Authorisation Certificate (MOD Form 904)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. That the RCO is to sign the MOD Form 906 before any firing practice to affirm that he has read and understood Range Standing Orders?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. The requirement for the RCO to sign in the Range Log (MOD Form 906) after firing to confirm that all ammunition and explosives have been cleared?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. The procedure for reporting accidents, incidents and defects and the entries to be made in the Range Log (MOD Form 906)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. The medical cover and equipment to be provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. The location of the nearest means of communication by which emergency services may be called?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. The actions to be taken in an emergency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. That ear protection is to be worn in accordance with the current regulations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Eye protection is to be worn?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. The requirement for RCOs to check that all areas forward of the firing point are clear of personnel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. That, before firing begins, the RCO ensures that all warning lights, alarms and/or safety interlock devices are operating correctly and all access points are secure or controlled?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. RCO's verbal pre-firing briefings to firing party/s, sentries and other personnel affected by the firing, on the intended practice and any relevant safety limitations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. The firing points and postures which may be used?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. The types of target which may be used, including any relevant specifications, dimensions and positioning instructions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r. The operation of the ventilation system before, during and after firing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
s. Requirement for and frequency of cleaning and de-leading:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t. The authorised exposure rates where applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u. The required volumetric airflow (TERP Ranges only).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
v. The use of the range by non-MOD personnel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
w. Reference to Instructions for contractors operating and maintaining range facility (All or Part of daily range operation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Range Serial No:

Range Name (if any):

Inspection Date:

Tube & Test Ranges: N/A

- | | N/A | Y | N |
|----|--------------------------|--------------------------|--------------------------|
| 3. | | | |
| a. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**ADMINISTRATION GRADING:
(See Note 3 on Cover Sheet)**

RANGE CONTROL

- | | N/A | Y | N |
|--|--------------------------|--------------------------|--------------------------|
| 4. Certificates: | | | |
| a. Is a valid copy of the Land Range Authorisation Certificate (MOD Form 904) held on the Range File? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Is a valid Land Range Safety Certificate (MOD Form 905) displayed or available to the RCO on the Range? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. a. Is the Land Range Log (MOD Form 906) being completed in accordance with current instructions? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Have the following periodic inspections been recorded at the correct frequency and signed by the Inspector: | | | |
| (1) Monthly Inspection by the Range Administering Unit using Form 907-1 (Monthly) or locally produced alternative to the same standard? | | <input type="checkbox"/> | <input type="checkbox"/> |
| (2) Annual Inspection by the Range Authorising Headquarters? | | <input type="checkbox"/> | <input type="checkbox"/> |
| (3) Is the Two-yearly Inspection by the Works Services Organisation current? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (i) Is inspection report held on the range file? | | <input type="checkbox"/> | <input type="checkbox"/> |
| (4) Annual Inspection of Ventilation Equipment? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (5) Infrastructure and plant inspections? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. a. Is the range covered by a valid written risk assessment in accordance with Ref. A? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Is it held on the range file? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Is there a reliable procedure for ensuring that the range cannot be allocated to persons who are not properly qualified to conduct firing practices? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Where the range is used by non-MOD personnel, does the Range Officer hold a copy of the licence or encroachment agreement issued by the appropriate authority (e.g. DE/RFCA)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Does the general condition of the Range indicate that only approved practices are conducted using authorised weapons and ammunition? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Publications: | | | |
| a. Are relevant publications available to the Range Officer and RCO? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Are relevant RSNs and RSPLs applied by the range? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**RANGE CONTROL GRADING:
(See Note 3 on Cover Sheet)**

Range Serial No:

Range Name (if any):

Inspection Date:

RANGE STRUCTURE

	N/A	Y	N
11. Does the overall design of the range conform to currently approved criteria?		<input type="checkbox"/>	<input type="checkbox"/>
12. Are all points of access to the range physically barred or adequately guarded?		<input type="checkbox"/>	<input type="checkbox"/>
13. Are all securing arrangements and alarm systems (where fitted) of a suitable design and correctly configured?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Are serviceable, illuminated and correctly worded warning notices displayed at the entrance/s to the Range?		<input type="checkbox"/>	<input type="checkbox"/>
15. If sited alongside, above or below inhabited accommodation, will the fabric of the building prevent bullet penetration into the inhabited area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Are all ricochet or backsplash inducing surfaces adequately defended with baffles or cladding of an approved design?		<input type="checkbox"/>	<input type="checkbox"/>
17. Is the defence zone appropriate to the authorised weapons and ammunition and constructed from suitable materials?		<input type="checkbox"/>	<input type="checkbox"/>
18. Bullet Catcher:			
a. Does the bullet catcher conform to an approved design?		<input type="checkbox"/>	<input type="checkbox"/>
b. Does the back plate conform to an approved design?		<input type="checkbox"/>	<input type="checkbox"/>
c. Is the anti-backsplash curtain (where fitted) made of an approved material and correctly fitted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. If air weapons are in use, can the curtain be easily removed or protected to prevent bounce-back of pellets?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. Targets:			
a. Are target centres and flank limits correctly positioned and marked?		<input type="checkbox"/>	<input type="checkbox"/>
b. Are all targets in use detailed in Range Orders and fixed using an approved method?		<input type="checkbox"/>	<input type="checkbox"/>
c. Are all lane number boards at the target line correctly positioned and of the correct size and material?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Firing Points:			
a. Are firing points correctly positioned and marked?		<input type="checkbox"/>	<input type="checkbox"/>
b. Are all authorised firing points clearly marked with the firing distance?		<input type="checkbox"/>	<input type="checkbox"/>
c. Are firing points free from lead absorbing materials?		<input type="checkbox"/>	<input type="checkbox"/>
21. Where protective cladding is fitted to areas which may receive frequent strike, can it be easily removed for inspection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Is the range free from bullet strikes in areas other than might be expected?		<input type="checkbox"/>	<input type="checkbox"/>

Tube & Test Ranges: N/A

23. Is there an alarm system audible or visible from the firing point which indicates when the bullet catcher door/hatch is open?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. Is the bullet catcher access door/hatch lockable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. Is there a 50 mm wide band located 150 mm from the lip, inside each tube in accordance with JSP 403?		<input type="checkbox"/>	<input type="checkbox"/>
26. Are the tube sections properly aligned with no gaps or protrusions or other ricochet-inducing hazards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**RANGE STRUCTURE GRADING:
(See Note 3 on Cover Sheet)**

Range Serial No:

Range Name (if any):

Inspection Date:

RANGE MAINTENANCE

N/A Y N

- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>27. Are the following range components being maintained to a serviceable standard:</p> <ul style="list-style-type: none"> a. Securing arrangements for all doors and/or other points of access? b. Alarm systems? c. Warning lights? d. Signs and Warning notices? e. All defensive structures, baffles and cladding? f. Backplate and/or Bullet Catcher? g. Anti-splash curtain? h. Target benches, supports and/or mechanisms? i. Firing points? j. Firing trenches/leaning posts? k. Markings indicating the correct positions of range components? l. Lane numbers? m. Ventilation system? <p>28. Is the floor or tube between the most distant firing points and the target line free from ricochet or backsplash inducing material?</p> <p>29. Is the range clear of intrusive vegetation?</p> <p>30. Is the range free from all unauthorised materials, i.e. stores etc?</p> <p>31. Does the general appearance of the range indicate that an adequate maintenance regime is being followed?</p> | <table border="0"> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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RANGE MAINTENANCE GRADING:
(See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 3
INSPECTOR'S COMMENTS AND RECOMMENDATIONS

1. Here the Inspector should list the faults or deficiencies found during the inspection and, where appropriate, give advice as to how they may be rectified.
2. If a serious range safety issue is identified during the inspection, the Inspector must inform the Range Administering Unit directly and also ensure that the respective Range Authorising Headquarters is made aware of the problem.
3. The Inspector should comment on any safety issue which comes to his attention, whether or not covered by the questionnaire.
4. Continuation sheets, photographs, plans and diagrams may be attached as necessary.
5. Particular attention should be paid to any safety-related concerns expressed by the Range Officer, which should be briefly summarised below and fully addressed in the body of the report.

Points of concern affecting range safety expressed by the Range Officer:

REFERENCES (Additional references can be added by the inspectors)

- A. JSP 403 - Handbook of Defence Land Ranges Safety, Vol I, Edition 2 Change 6 - Policy
- B. JSP 403 - Handbook of Defence Land Ranges Safety, Vol II, Edition 3 Change 5 - Design and Construction of Small Arms and Infantry Weapon System Ranges
- C. Infantry and Armoured Training Volume IV - Ranges and Training Safety, Pamphlet No 21, Regulations for Training with Armoured Fighting Vehicles, Infantry Weapon Systems and Pyrotechnics .
- D. Air Publication 3205 RAF Land Ranges - Policy (RAF only).
- E Pam 21-C the Regulations for the Planning Conduct and Supervision of Firing and Training for Cadets.

Inspector's Comments:

SUMMARY OF RANGE SAFETY GRADINGS:

DOCUMENTATION:

ADMINISTRATION:

CONTROL:

STRUCTURE:

MAINTENANCE:

INSPECTOR'S OVERALL RANGE SAFETY GRADING:

(See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

Inspector's additional comments on the Overall Grading shown above.

The Inspector may wish to elaborate upon or qualify the gradings awarded by referring to key sections of his report in the space provided below. If a grading of "C" has been awarded, it is essential that a brief summary of the main fault/s is given below.

Name and Rank:

Appointment:

Date:

Email:

Distribution:

DLRSC

Range Authorising Headquarters

DTE (Where applicable)

Range Administering Unit

RFCA (where applicable)

Independent Inspections Team Leader

TAS(RE) (where applicable)

Notes:

1. Civilian Ranges If the subject of this report is a civilian range used by MOD personnel on duty, the Range Administering Unit copy is to be forwarded to the relevant major MOD user.

INDEPENDENT RANGE SAFETY INSPECTION REPORT

COVER SHEETTick this box if completing
Cover Sheet Only

Range Serial No:	Range Name :	Inspection Date:
Complex Ser No (if any):	Range Complex Name (if any):	Current Status: See Note 4
Type of Range:		
O		
Range Authorising Headquarters:	RFCAD/TE:	
Email:	Email:	
Range Address:	Range Administering Unit Address:	
Email:	Email:	
Map Sheet:	Grid Reference:	

Main users of the range:

Brief description of the range:

Range Officer: (The officer appointed by the CO of the Range Administering Unit for the overall management of the range.)

Name and Rank:	Appointment:	
Civilian Telephone Number:	Military Telephone Number:	E-Mail Address :

This report comprises:

Cover Sheet.

Section 1 Range Documentation.

Section 2 Range Safety Questionnaire.

Section 3 Inspector's Comments and Recommendations.

Section 4 Follow-up action ordered by the Range Authorising Headquarters. (Not applicable to RN)

Section 5 DLRSC comments and recommendations.

Notes.

- Inspectors are to complete Sections 1, 2 and 3 then distribute them as detailed in Section 3.
- Service Inspection Coordinators are to liaise with the relevant Range Authorising Headquarters to ensure that Section 4 is completed.
- Range Safety Gratings:**

Grade A: The range meets all the criteria specified in JSP 403.

Grade B: The range does not fully meet the criteria specified in JSP 403 but its continued use does not present an unacceptable hazard provided remedial action is taken as soon as is reasonably practicable.

Grade C: The range does not meet the essential safety criteria specified in JSP 403 to the extent that continued use presents an unacceptable hazard. Before further use, the identified failings should be rectified and/or control measures put in place; or a dispensation should be granted.
- Current Status:**

a) Closed: The range has been decommissioned, all documentation has been permanently withdrawn by the Range Authorising Headquarters and Annex C to Chapter 6 of JSP 403 Vol I has been completed. No inspection required.

b) Temporarily Closed: MOD Form 905 and 906, and/or other range documentation have been temporarily withdrawn by the Range Authorising Headquarters or Range Administering Unit. Situation should be reported to DLRSC but no inspection is required.

c) Active: Where the range is in normal use; or when neither a. nor b. above is applicable, the Inspector should consider the range to be active and a full range safety inspection and report should be completed.

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 1
RANGE DOCUMENTATION

1. Enter the following information pertaining to the documents listed below:

a. MOD Form 904: Reference No: Date of Signature:

N/A Y N

b. Approved Range Status

Reference No: Date:

c. If the range operates under dispensation/s for non-standard construction and/or practices, summarise the circumstances and enter the dates of validity below: If none, indicate here:

Granted by: Rank/Grade:
 Appointment: Valid from: to:

Y N

Has the above dispensation been reviewed in past 12 months?

d. AF K1309/MOD Form 1057 or other technical records:
 Reference No: Approval Dated:

e. MOD Form 905: Date of expiry:

f. MOD Form 906:
 Cumulative total of rounds fired since most recent de-leading of the bullet catcher: From: to:

All actions completed?

2. Most Recent Inspections	Date:	Inspected by:	N/A	Y	N
a. MOD Form 907A (Annual)	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. MOD Form 907B (Independent)	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Works Technical Inspection.	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DOCUMENTATION GRADING:
 (See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 2
RANGE SAFETY INSPECTION QUESTIONNAIRE

RANGE ADMINISTRATION

N/A Y N

1. Range Orders:

- a. Are Range Orders promulgated in the Orders of the Range Administering Unit?
- b. Have Range Orders been reviewed during the last 12 months?
- c. Are Range Orders available to the RCO on the range?

2. Do Range Orders clearly describe or include:

- a. The name and location of the range?
- b. The Unit and appointment of the officer responsible to the CO of the Range Administering Unit for the overall management of the range?
- c. That firing is only to be conducted under the supervision of properly qualified or authorised RCOs?
- d. The weapons and ammunition limitations applicable to the range, in accordance with the schedule of the Range Authorisation Certificate (MOD Form 904)?
- e. That the RCO is to sign the MOD Form 906 before any firing practice to affirm that he has read and understood Range Standing Orders?
- f. The requirement for the RCO to sign in the Range Log (MOD Form 906) after firing to confirm that all ammunition and explosives have been cleared?
- g. The procedure for reporting accidents, incidents and defects and the entries to be made in the Range Log (MOD Form 906)
- h. The medical cover and equipment to be provided?
- i. The location of the nearest means of communication by which emergency services may be called?
- j. The actions to be taken in an emergency?
- k. That ear protection is to be worn in accordance with current regulations?
- l. The RCO's "Clear Range" procedure that ensures before firing, that the danger area into which any weapon is directed, is clear of personnel?
- m. That, before firing begins, the RCO ensures that all sentries, barriers, warning flags and/or lights are in position?
- n. RCO's verbal pre-firing briefings to firing party/s, sentries and other personnel affected by the firing, on the intended practice and any relevant safety limitations?
- o. The location/s and duties of sentries?
- p. Control of all access points forward of the firing points?
- q. The procedures to be adopted at night?
- r. The firing points and postures which may be used?
- s. The types of target which may be used, including any relevant specifications, dimensions and positioning instructions?
- t. The duties of staff operating range facilities, including pre and post-firing procedures?
- u. Requirement for and frequency of cleaning and de-leading:
- v. The procedure for correct disposal of unused ammunition & ammunition waste.
- w. The use of the range by non-MOD personnel?
- x. Reference to Instructions for contractors operating and maintaining range facility (All or Part of daily range operation)

Range Serial No:

Range Name (if any):

Inspection Date:

**ADMINISTRATION GRADING:
(See Note 3 on Cover Sheet)****RANGE CONTROL**

	N/A	Y	N
3. Certificates:			
a. Is a valid copy of the Land Range Authorisation Certificate (MOD Form 904) held on the Range File?		<input type="checkbox"/>	<input type="checkbox"/>
b. Is a valid Land Range Safety Certificate (MOD Form 905) displayed or available to the RCO on the Range?		<input type="checkbox"/>	<input type="checkbox"/>
4. a. Is the Land Range Log (MOD Form 906) being completed in accordance with current instructions?		<input type="checkbox"/>	<input type="checkbox"/>
b. Have the following periodic inspections been recorded at the correct frequency and signed by the Inspector:			
(1) Monthly Inspection by the Range Administering Unit using Form 907-2 (Monthly) or locally produced alternative to the same standard?		<input type="checkbox"/>	<input type="checkbox"/>
(2) Annual Inspection by the Range Authorising Headquarters?		<input type="checkbox"/>	<input type="checkbox"/>
(3) Is the Two-yearly Inspection by the Works Services Organisation current?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(i) Is inspection report held on the range file?		<input type="checkbox"/>	<input type="checkbox"/>
(4) Infrastructure and plant inspections?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. a. Is the range covered by a valid written risk assessment in accordance with Ref. A?		<input type="checkbox"/>	<input type="checkbox"/>
b. Is it held on the range file?		<input type="checkbox"/>	<input type="checkbox"/>
6. Is there a reliable procedure for ensuring that the range cannot be allocated to persons who are not properly qualified to conduct firing practices?		<input type="checkbox"/>	<input type="checkbox"/>
7. Where the range is used by non-MOD personnel, does the Range Officer hold a copy of the licence or encroachment agreement issued by the appropriate authority (e.g. DE/RFCA)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Does the general condition of the Range indicate that only approved practices are conducted using authorised weapons and ammunition?		<input type="checkbox"/>	<input type="checkbox"/>

Publications:

9. a. Are relevant publications available to the Range Officer and RCO?		<input type="checkbox"/>	<input type="checkbox"/>
b. Are relevant RSNs and RSPLs applied by the range?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**RANGE CONTROL GRADING:
(See Note 3 on Cover Sheet)****RANGE STRUCTURE**

	N/A	Y	N
10. Does the overall design of the range conform to currently approved criteria?		<input type="checkbox"/>	<input type="checkbox"/>
11. Are all points of access to the range physically barred or adequately guarded?		<input type="checkbox"/>	<input type="checkbox"/>
12. Are all warning flags/lights correctly positioned?		<input type="checkbox"/>	<input type="checkbox"/>
13. Is the boundary of the range clearly fenced and signed with correctly worded warning notices of the correct design?		<input type="checkbox"/>	<input type="checkbox"/>
14. Does the bullet catcher conform to a currently approved design?		<input type="checkbox"/>	<input type="checkbox"/>
15. In the case of a natural or adapted stop-butt, does the configuration of the feature meet currently approved criteria?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. If the bullet catcher is not fully enclosed within a canopy, is a 100m danger area applied for 7.62/9 mm ammunition and identifiable on the ground?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Has the correct fill profile been indicated on the side and rear walls of the bullet catcher?		<input type="checkbox"/>	<input type="checkbox"/>

Range Serial No:

Range Name (if any):

Inspection Date:

- | | N/A | Y | N |
|--|--------------------------|--------------------------|--------------------------|
| 18. Is the fill of the bullet catcher of the correct material and laid to the correct profile? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Is all timber cladding, where fitted, in a sound condition? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Is the range free from excessive damage to concrete, brickwork or facing? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Does the mantlet, if any, conform to a currently approved design? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. Targets: | | | |
| a. Are target centres and flank limits correctly positioned and marked? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Are target slots/trenches/mechanisms of an approved design? | | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Are all lane number boards at the target line correctly positioned and of the correct size and material? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. Firing Points: | | | |
| a. Do the authorised firing points conform to an approved design? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Are all authorised firing points clearly marked with the firing distance? | | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Are all lane number boards correctly positioned? | | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Are the firing point mounds and other irregularities on the range floor free from bullet strikes? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. If the range design incorporates a ricochet pit, is it the required depth? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. Where timber cladding is fitted to areas which may receive frequent strike, can it be easily removed for inspection? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 26. Is the range free from bullet strikes in areas other than might be expected? | | <input type="checkbox"/> | <input type="checkbox"/> |

RANGE STRUCTURE GRADING:
(See Note 3 on Cover Sheet)

RANGE MAINTENANCE

- | | N/A | Y | N |
|--|--------------------------|--------------------------|--------------------------|
| 27. Are the following range components being maintained to a serviceable standard: | | | |
| a. Securing arrangements for all doors and/or other points of access? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Gates and/or barriers? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Fencing? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Lights? | | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Signs and Warning notices? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Flags? | | <input type="checkbox"/> | <input type="checkbox"/> |
| g. All defensive structures, timber baffles and cladding? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Bullet catcher? | | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Mantlet? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| j. Target slots, trenches and/or mechanisms? | | <input type="checkbox"/> | <input type="checkbox"/> |
| k. Firing points, including distance markers? | | <input type="checkbox"/> | <input type="checkbox"/> |
| l. Firing trenches/leaning posts? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| m. Markings indicating the correct positions of range components (targets, sand profile etc.)? | | <input type="checkbox"/> | <input type="checkbox"/> |
| n. Lane number boards? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 28. Is the ground between the most distant firing points and the target line free from ricochet inducing material? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 29. Is the range clear of intrusive vegetation? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 30. Does the general appearance of the range indicate that an adequate maintenance regime is being followed? | | <input type="checkbox"/> | <input type="checkbox"/> |

RANGE MAINTENANCE GRADING:
(See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 3

INSPECTOR'S COMMENTS AND RECOMMENDATIONS

1. Here the Inspector should list the faults or deficiencies found during the inspection and, where appropriate, give advice as to how they may be rectified.
2. If a serious range safety issue is identified during the inspection, the Inspector must inform the Range Administering Unit directly and also ensure that the respective Range Authorising Headquarters is made aware of the problem.
3. The Inspector should comment on any safety issue which comes to his attention, whether or not covered by the questionnaire.
4. Continuation sheets, photographs, plans and diagrams may be attached as necessary.
5. Particular attention should be paid to any safety-related concerns expressed by the Range Officer, which should be briefly summarised below and fully addressed in the body of the report.

Points of concern affecting range safety expressed by the Range Officer:

REFERENCES (Additional references can be added by the inspectors)

- A. JSP 403 - Handbook of Defence Land Ranges Safety, Vol I, Edition 2 Change 6 - Policy
- B. JSP 403 - Handbook of Defence Land Ranges Safety, Vol II, Edition 3 Change 5 - Design and Construction of Small Arms and Infantry Weapon System Ranges
- C. Infantry and Armoured Training Volume IV - Ranges and Training Safety, Pamphlet No 21, Regulations for Training with Armoured Fighting Vehicles, Infantry Weapon Systems and Pyrotechnics .
- D. Air Publication 3205 RAF Land Ranges - Policy (RAF only).
- E. Pam 21-C the Regulations for the Planning Conduct and Supervision of Firing and Training for Cadets.

Inspector's Comments:

SUMMARY OF RANGE SAFETY GRADINGS:

- DOCUMENTATION:**
- ADMINISTRATION:**
- CONTROL:**
- STRUCTURE:**
- MAINTENANCE:**

**INSPECTOR'S OVERALL RANGE SAFETY GRADING:
(See Note 3 on Cover Sheet)**

Inspector's additional comments on the Overall Grading shown above.

Range Serial No:

Range Name (if any):

Inspection Date:

The Inspector may wish to elaborate upon or qualify the gradings awarded by referring to key sections of his report in the space provided below. If a grading of "C" has been awarded, it is essential that a brief summary of the main fault/s is given below.

Name and Rank:

Appointment:

Date:

Email:

Distribution:

DLRSC

Range Authorising Headquarters

DTE (where applicable)

Range Administering Unit

RFCA (where applicable)

Independent Inspections Team Leader

TAS(RE) (where applicable)

Notes:

1. Civilian Ranges If the subject of this report is a civilian range used by MOD personnel on duty, the Range Administering Unit copy is to be forwarded to the relevant major MOD user.

INDEPENDENT RANGE SAFETY INSPECTION REPORT**COVER SHEET**Tick this box if completing
Cover Sheet Only

Range Complex Serial No:	Range Complex Name :	Inspection Date:
--------------------------	----------------------	------------------

Type of Range Complex:

O		Current Status: See Note 4
---	--	--------------------------------------

Range Authorising Headquarters:		RFC/DTE:
Email:		Email:
Range Address:		Range Administering Unit Address:
Email:		Email:
Map Sheet:		Grid Reference: (Range Control)

Air Danger Area:	Sea Danger Area:	Bylaws (SI Number and Date):
-------------------------	-------------------------	-------------------------------------

Main users of the range complex:
Brief description of the range complex:

Commanding Officer/Site Director:		
Name and Rank/Grade:		Appointment:
Civilian Telephone Number:	Military Telephone Number:	E-Mail Address:

This report comprises:

Cover Sheet.

Section 1 Range Documentation.

Section 2 Range Safety Questionnaire.

Section 3 Inspector's Comments and Recommendations.

Section 4 Follow-up action ordered by the Range Authorising Headquarters. (Not applicable to RN)

Section 5 DLRSC comments and recommendations.

Notes.

- Inspectors are to complete Sections 1, 2 and 3 then distribute them as detailed in Section 3.
- Service Inspection Coordinators are to liaise with the relevant Range Authorising Headquarters to ensure that Section 4 is completed.
- Range Safety Gradings:**
 - Grade A:** The range meets all the criteria specified in JSP 403.
 - Grade B:** The range does not fully meet the criteria specified in JSP 403 but its continued use does not present an unacceptable hazard provided remedial action is taken as soon as is reasonably practicable.
 - Grade C:** The range does not meet the essential safety criteria specified in JSP 403 to the extent that continued use presents an unacceptable hazard. Before further use, the identified failings should be rectified and/or control measures put in place; or a dispensation should be granted.
- Current Status:**
 - a) Closed:** The range has been decommissioned, all documentation has been permanently withdrawn by the Range Authorising Headquarters and Annex C to Chapter 6 of JSP 403 Vol I has been completed. No inspection required.
 - b) Temporarily Closed:** MOD Form 905 and 906, and/or other range documentation have been temporarily withdrawn by the Range Authorising Headquarters or Range Administering Unit. Situation should be reported to DLRSC but no inspection is required.
 - c) Active:** Where the range is in normal use; or when neither a. nor b. above is applicable, the Inspector should consider the range to be active and a full range safety inspection and report should be completed.

Complex Serial No:

Range Complex Name:

Inspection Date:

INDIVIDUAL RANGES COMPRISING THE COMPLEX

	Range Serial No:	Range Name:	Type of Range:	Overall Grading:	Remarks:
1				Select from list:	
2				Select from list:	
3				Select from list:	
4				Select from list:	
5				Select from list:	
6				Select from list:	
7				Select from list:	
8				Select from list:	
9				Select from list:	
10				Select from list:	
11				Select from list:	
12				Select from list:	
13				Select from list:	
14				Select from list:	
15				Select from list:	
16				Select from list:	
17				Select from list:	
18				Select from list:	
19				Select from list:	
20				Select from list:	
21				Select from list:	
22				Select from list:	
23				Select from list:	
24				Select from list:	
25				Select from list:	
26				Select from list:	
27				Select from list:	
28				Select from list:	
29				Select from list:	
30				Select from list:	

Complex Serial No:

Range Complex Name:

Inspection Date:

	Range Serial No:	Range Name:	Type of Range:	Overall Grading:	Remarks:
31				Select from list:	
32				Select from list:	
33				Select from list:	
34				Select from list:	
35				Select from list:	
36				Select from list:	
37				Select from list:	
38				Select from list:	
39				Select from list:	
40				Select from list:	
41				Select from list:	
42				Select from list:	
43				Select from list:	
44				Select from list:	
45				Select from list:	
46				Select from list:	
47				Select from list:	
48				Select from list:	
49				Select from list:	
50				Select from list:	

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 1
RANGE DOCUMENTATION

1. Where general range authorising and safety certificates exist which encompass the whole range complex danger area/s, enter the following information pertaining to the documents listed below:

If none, indicate here:

a. MOD Form 904: Reference No: Date of Signature:

b. If the range operates under dispensation/s for non-standard construction and/or practices, summarise the circumstances and enter the dates of validity below: If none, indicate here:

Granted by: Rank/Grade:

Appointment: Valid from: to:

Y N

Has the above dispensation been reviewed in past 12 months?

c. MOD Form 905: Date of expiry:

All actions
completed?

2. Most Recent Inspections	Date:	Inspected by:	N/A	Y	N
a. MOD Form 907A (Annual)	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. MOD Form 907B (Independent)	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Works Technical Inspection.	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Estate Inspection	<input type="text"/>	<input type="text"/>		<input type="checkbox"/>	<input type="checkbox"/>

DOCUMENTATION GRADING:
(See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

RANGE CONTROL

	N/A	Y	N
4. Certificates & Range Log: (applicable only where general range authorising and safety certificates exist which encompass the whole range complex danger area/s - If not go to question 5)	<input type="checkbox"/>		
a. Is a valid copy of the Land Range Authorisation Certificate (MOD Form 904) held on the Range File?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Is a valid Land Range Safety Certificate (MOD Form 905) displayed or available to the RCO on the Range?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Is the Land Range Log (MOD Form 906/906A) being completed in accordance with current instructions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Have the following periodic inspections been recorded at the correct frequency and signed by the Inspector:			
(1) Monthly Inspection by the Range Administering Unit?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) Annual Inspection by the Range Authorising Headquarters?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) Is the Two-yearly Inspection by the Works Services Organisation current?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(i) Is inspection report held on the range file?		<input type="checkbox"/>	<input type="checkbox"/>
(4) Infrastructure and plant inspections?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(5) Estate Inspection		<input type="checkbox"/>	<input type="checkbox"/>
5. Is there an effective procedure in place for ensuring that all range complex users are aware of restrictions on movement (e.g. formal briefings, issue of the Daily Range Summaries etc.)?		<input type="checkbox"/>	<input type="checkbox"/>
6. a. Is the range covered by a valid written risk assessment in accordance with Ref. A?		<input type="checkbox"/>	<input type="checkbox"/>
b. Is it held on the range file?		<input type="checkbox"/>	<input type="checkbox"/>
7. Is an individual Range Detail or other special instruction issued for each practice?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Is there a reliable procedure for ensuring that the range cannot be allocated to persons who are not properly qualified to conduct firing practices?		<input type="checkbox"/>	<input type="checkbox"/>
9. Are the designated danger areas in accordance with currently approved templates and/or criteria?		<input type="checkbox"/>	<input type="checkbox"/>
10. Do all land, air and/or sea danger areas, including trajectory vertex heights, lie within the boundary of the range?		<input type="checkbox"/>	<input type="checkbox"/>
11. Where the danger area/s extend beyond the MOD/RFCA boundary of the range:			
a. Have formal over-shooting rights been drawn up by the DE?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Is a valid dispensation in force?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Where a temporary air danger area in excess of 500 ft AGL is required, is the correct procedure in use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Is there an effective system in place for ensuring that, in so far as is practicable, the whole of the active danger area/s is clear of personnel before "Range Clear" can be given by Range Control?		<input type="checkbox"/>	<input type="checkbox"/>
14. Where an Air or Sea Danger Area exists, is an effective system in place to quickly detect infringements and immediately curtail firing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Where Byelaws exist, does the Range Officer hold an up to date copy?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Where the range is used by non-MOD personnel, does the Range Officer hold a copy of the licence or encroachment agreement issued by the appropriate authority (e.g. DE/RFCA)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Is the simultaneous use of adjacent ranges approved by the Range Officer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Is there a central point of control when firing/practice is in progress?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. Is there an adequate communications system linking all sections of the complex?		<input type="checkbox"/>	<input type="checkbox"/>

Range Serial No:

Range Name (if any):

Inspection Date:

- | | | N/A | Y | N |
|-----|---|--------------------------|--------------------------|--------------------------|
| 20. | Is there an adequate procedure for effecting a general order to Check Firing on all ranges? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. | Is there an adequate procedure for ensuring that range planning is conducted using only approved templates and procedures as detailed in current pamphlets and/or other publications? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Publications:

- | | | | | |
|----|--|--------------------------|--------------------------|--------------------------|
| 22 | a. Are relevant publications available to the Range Officer and RCO? | | <input type="checkbox"/> | <input type="checkbox"/> |
| | b. Are relevant RSNs and RSPLs applied by the range? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Maps

- | | | | | |
|-----|--|--------------------------|--------------------------|--------------------------|
| 23. | Does the Range Officer hold maps and/or plans to a suitable scale showing the boundary of the range complex and designated danger areas? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. | Do the Range Officer's maps correspond exactly with those held by the appropriate DE office in respect of the training area boundary, over-shooting rights and areas of land within the boundary which are sub-let to the local community? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. | Do the Range Officer's Maps/drawings show? | | | |
| | a. The location/s and extents of firing positions? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | b. Accurately drawn danger areas for all weapon systems authorised to be fired on the range complex based on currently approved templates? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | c. Permitted entry points to the range complex? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | d. Roads, tracks and footpaths within the range complex boundary? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | e. The position/s of all danger area warning flags and/or lights? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | f. The position/s of all Byelaw Notices? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | g. The position/s of all barriers and gates used to control access to and movement within the range complex? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | h. The position/s of all sentry posts? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | i. The extent of MOD/RFCA land leased to other users? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | j. All areas of non-MOD/RFCA land over which formal over-shooting rights are held? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**RANGE CONTROL GRADING:
(See Note 3 on Cover Sheet)**

RANGE STRUCTURE

- | | | N/A | Y | N |
|-----|--|--------------------------|--------------------------|--------------------------|
| 26. | Is the boundary of the range complex properly defined by correctly worded warning notices of the correct design? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 27. | Are all warning flags/lights correctly positioned? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 28. | Are all points of access to the complex adequately guarded by sentries or barred by lockable barriers or gates? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 29. | Where Byelaws exist, are notice boards positioned at all points of access to the complex? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 30. | Where warning notices refer to warning flags and/or lights, can they be seen from the location of the notice? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**RANGE STRUCTURE GRADING:
(See Note 3 on Cover Sheet)**

Range Serial No:

Range Name (if any):

Inspection Date:

RANGE MAINTENANCE

N/A Y N

31. Are the following range components being maintained to a serviceable standard:

a. Gates and/or barriers?

b. Fencing?

c. Communications systems?

d. Warning Lights?

e. Signs and Warning notices?

f. Flags?

g. Radars, CCTV and other surveillance/warning systems?

32. Does the general appearance of the range complex indicate that an adequate maintenance regime is being followed?

**RANGE MAINTENANCE GRADING:
(See Note 3 on Cover Sheet)**

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 3

INSPECTOR'S COMMENTS AND RECOMMENDATIONS

1. Here the Inspector should list the faults or deficiencies found during the inspection and, where appropriate, give advice as to how they may be rectified.
2. If a serious range safety issue is identified during the inspection, the Inspector must inform the Range Administering Unit directly and also ensure that the respective Range Authorising Headquarters is made aware of the problem.
3. The Inspector should comment on any safety issue which comes to his attention, whether or not covered by the questionnaire.
4. Continuation sheets, photographs, plans and diagrams may be attached as necessary.
5. Particular attention should be paid to any safety-related concerns expressed by the Range Officer, which should be briefly summarised below and fully addressed in the body of the report.

Points of concern affecting range safety expressed by the Range Officer:

REFERENCES (Additional references can be added by the inspectors)

- A. JSP 403 – Handbook of Defence Land Ranges Safety, Vol I Edition 2 Change 6 - Policy
- B. JSP 403 – Handbook of Defence Land Ranges Safety, Vol II, Edition 3 Change 5 - Design and Construction of Small Arms and Infantry Weapon System Ranges
- C. Infantry and Armoured Training Volume IV - Ranges and Training Safety, Pamphlet No 21, Regulations for Training with Armoured Fighting Vehicles, Infantry Weapon Systems and Pyrotechnics.
- D. Air Publication 3205 RAF Land Ranges – Policy (RAF only)
- E. Headquarters Air Weapons Range Orders (HQ AWROs)
- F. JSP 403 – Handbook of Defence Land Ranges Safety, Vol III – Air to Surface Range Safety
- G. JSP 482 – Ministry of Defence Explosives Regulations
- H. Pam 21-C the Regulations for the Planning Conduct and Supervision of Firing and Training for Cadets.

Inspector's Comments:

SUMMARY OF RANGE SAFETY GRADINGS:

- DOCUMENTATION:**
- ADMINISTRATION:**
- CONTROL:**
- STRUCTURE:**
- MAINTENANCE:**

Range Serial No:

Range Name (if any):

Inspection Date:

**INSPECTOR'S OVERALL RANGE SAFETY GRADING:
(See Note 3 on Cover Sheet)**

Inspector's additional comments on the Overall Grading shown above.

The Inspector may wish to elaborate upon or qualify the gradings awarded by referring to key sections of his report in the space provided below. If a grading of "C" has been awarded, it is essential that a brief summary of the main fault/s is given below.

Name and Rank:

Appointment:

Date:

Distribution:

DLRSC

Range Authorising Headquarters

DTE (where applicable)

Range Administering Unit

RFCA (where applicable)

Independent Inspections Team Leader

TAS(RE) (where applicable)

Notes:

1. Civilian Ranges If the subject of this report is a civilian range used by MOD personnel on duty, the Range Administering Unit copy is to be forwarded to the relevant major MOD user.

INDEPENDENT RANGE SAFETY INSPECTION REPORT

COVER SHEETTick this box if completing
Cover Sheet Only

Range Serial No:	Range Name :	Inspection Date:
Complex Ser No (if any):	Range Complex Name (if any):	Current Status: See Note 4
Type of Range:		
O		
Range Authorising Headquarters:	RFCAD/TE:	
Email:	Email:	
Range Address:	Range Administering Unit Address:	
Email:	Email:	
Map Sheet:	Grid Reference:	
Air Danger Area:	Sea Danger Area:	Bylaws (SI Number and Date):
Main users of the range:		
Brief description of the range:		
Range Officer: (The officer appointed by the CO of the Range Administering Unit for the overall management of the range.)		
Name and Rank:	Appointment:	
Civilian Telephone Number:	Military Telephone Number:	E-Mail Address:

This report comprises:

Cover Sheet.

Section 1 Range Documentation.

Section 2 Range Safety Questionnaire.

Section 3 Inspector's Comments and Recommendations.

Section 4 Follow-up action ordered by the Range Authorising Headquarters. (Not applicable to RN)

Section 5 DLRSC comments and recommendations.

Notes.

- Inspectors are to complete Sections 1, 2 and 3 then distribute them as detailed in Section 3.
- Service Inspection Coordinators are to liaise with the relevant Range Authorising Headquarters to ensure that Section 4 is completed.
- Range Safety Gradings:**
 - Grade A:** The range meets all the criteria specified in JSP 403.
 - Grade B:** The range does not fully meet the criteria specified in JSP 403 but its continued use does not present an unacceptable hazard provided remedial action is taken as soon as is reasonably practicable.
 - Grade C:** The range does not meet the essential safety criteria specified in JSP 403 to the extent that continued use presents an unacceptable hazard. Before further use, the identified failings should be rectified and/or control measures put in place; or a dispensation should be granted.
- Current Status:**
 - a) Closed:** The range has been decommissioned, all documentation has been permanently withdrawn by the Range Authorising Headquarters and Annex C to Chapter 6 of JSP 403 Vol I has been completed. No inspection required.
 - b) Temporarily Closed:** MOD Form 905 and 906, and/or other range documentation have been temporarily withdrawn by the Range Authorising Headquarters or Range Administering Unit. Situation should be reported to DLRSC but no inspection is required.
 - c) Active:** Where the range is in normal use; or when neither a. nor b. above is applicable, the Inspector should consider the range to be active and a full range safety inspection and report should be completed.

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 1
RANGE DOCUMENTATION

1. Enter the following information pertaining to the documents listed below:

a. MOD Form 904: Reference No: Date of Signature:

N/A Y N

b. Approved Range Status

Reference No: Date:

c. Type of WDA in use:

d. If the range operates under dispensation/s for non-standard construction and/or practices, summarise the circumstances and enter the dates of validity below: If none, indicate here:

Granted by: Rank/Grade:

Appointment: Valid from: to:

Y N

Has the above dispensation been reviewed in past 12 months?

e. AF K1309/MOD Form 1057 or other technical records:

Reference No: Approval Dated:

f. MOD Form 905: Date of expiry:

g. MOD Form 906:
Cumulative total of rounds fired since most recent de-leading of the bullet catcher: From: to:

All actions completed?

2. Most Recent Inspections Date: Inspected by: N/A Y N

a. MOD Form 907A (Annual)

b. MOD Form 907B (Independent)

c. Works Technical Inspection.

d. Estate Inspection

DOCUMENTATION GRADING:
(See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 2

RANGE SAFETY INSPECTION QUESTIONNAIRE

RANGE ADMINISTRATION

N/A Y N

1. Range Orders:

- a. Are Range Orders promulgated in the Orders of the Range Administering Unit?
- b. Have Range Orders been reviewed during the last 12 months?
- c. Are Range Orders available to the RCO on the range?

2. Do Range Orders clearly describe or include:

- a. The name and location of the range?
- b. The Unit and appointment of the officer responsible to the CO of the Range Administering Unit for the overall management of the range?
- c. That firing is only to be conducted under the supervision of properly qualified or authorised RCOs?
- d. The weapons and ammunition limitations applicable to the range, in accordance with the schedule of the Range Authorisation Certificate (MOD Form 904)?
- e. That the RCO is to sign the MOD Form 906 before any firing practice to affirm that he has read and understood Range Standing Orders?
- f. The requirement for the RCO to sign in the Range Log (MOD Form 906) after firing to confirm that all ammunition and explosives have been cleared?
- g. The procedure for reporting accidents, incidents and defects and the entries to be made in the Range Log (MOD Form 906)
- h. The medical cover and equipment to be provided?
- i. The location of the nearest means of communication by which emergency services may be called?
- j. The actions to be taken in an emergency?
- k. That ear protection is to be worn in accordance with current regulations?
- l. The RCO's "Clear Range" procedure that ensures before firing, that the danger area into which any weapon is directed, is clear of personnel?
- m. That, before firing begins, the RCO ensures that all sentries, barriers, warning flags and/or lights are in position?
- n. RCO's verbal pre-firing briefings to firing party/s, sentries and other personnel affected by the firing, on the intended practice and any relevant safety limitations?
- o. The location/s and duties of sentries?
- p. The arrangements for observation of land, sea and air danger areas during firing?
- q. Control of all points of access to danger areas?
- r. Control of movement within the range boundary?
- s. The procedures to be adopted at night and/or in poor visibility?
- t. The means of communication between firing points, sentries, butt parties and other locations directly involved in the firing?
- u. The firing points and postures which may be used?
- v. The types of target which may be used, including any relevant specifications, dimensions and positioning instructions?
- w. The duties of staff operating range facilities, including pre and post-firing procedures?
- x. Reference to Instructions for contractors operating and maintaining range facility (All or Part of daily range operation)

Range Serial No:

Range Name (if any):

Inspection Date:

- | | N/A | Y | N |
|---|--------------------------|--------------------------|--------------------------|
| y. Reference to instructions for deleading and disposal of waste | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| z. The use of the range by non-MOD personnel? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| aa. The procedure for correct disposal of unused ammunition & ammunition waste. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ab. Clear instructions for the conduct of licensed game management and/or vermin control. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**ADMINISTRATION GRADING:
(See Note 3 on Cover Sheet)**

RANGE CONTROL

- | | N/A | Y | N |
|---|--------------------------|--------------------------|--------------------------|
| 3. Certificates: | | | |
| a. Is a valid copy of the Land Range Authorisation Certificate (MOD Form 904) held on the Range File? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Is a valid Land Range Safety Certificate (MOD Form 905) displayed or available to the RCO on the Range? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. a. Is the Land Range Log (MOD Form 906) being completed in accordance with current instructions? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Have the following periodic inspections been recorded at the correct frequency and signed by the Inspector: | | | |
| (1) Monthly Inspection by the Range Administering Unit using Form 907-2 (Monthly) or locally produced alternative to the same standard? | | <input type="checkbox"/> | <input type="checkbox"/> |
| (2) Annual Inspection by the Range Authorising Headquarters? | | <input type="checkbox"/> | <input type="checkbox"/> |
| (3) Is the Two-yearly Inspection by the Works Services Organisation current? | | <input type="checkbox"/> | <input type="checkbox"/> |
| (i) Is inspection report held on the range file? | | <input type="checkbox"/> | <input type="checkbox"/> |
| (4) Infrastructure and plant inspections? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (5) Estate Inspection | | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. a. Is the range covered by a valid written risk assessment in accordance with Ref. A? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Is it held on the range file? | | <input type="checkbox"/> | <input type="checkbox"/> |

If questions 6-20 have been covered in complex report - Tick here (Jumps to "Range Control Grading")

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 6. Is there a reliable procedure for ensuring that the range cannot be allocated to persons who are not properly qualified to conduct firing practices? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Are the designated danger areas in accordance with currently approved templates and/or criteria? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Do all land, sea and/or air danger areas, including trajectory vertex heights, lie within the boundary of the range? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Where the danger area/s extend beyond the MOD/RFCA boundary of the range: | | | |
| a. Have formal over-shooting rights been drawn up by the DE? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Is a valid dispensation in force? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Where a temporary air danger area in excess of 500 ft AGL is required, is the correct procedure in use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Is there an effective system in place for ensuring that, in so far as is practicable, the whole of the active danger area/s is clear of personnel before "Range Clear" can be given by Range Control? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Where an Air or Sea Danger Area exists, is an effective system in place to quickly detect infringements and immediately curtail firing? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Where Byelaws exist, does the Range Officer hold an up to date copy? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Is there an adequate communications system linking all sections of the range? | | <input type="checkbox"/> | <input type="checkbox"/> |

Range Serial No:

Range Name (if any):

Inspection Date:

- | | N/A | Y | N |
|---|--------------------------|--------------------------|--------------------------|
| 15. Where the range is used by non-MOD personnel, does the Range Officer hold a copy of the licence or encroachment agreement issued by the appropriate authority (e.g. DE/RFCA)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. Does the general condition of the Range indicate that only approved practices are conducted using authorised weapons and ammunition? | | <input type="checkbox"/> | <input type="checkbox"/> |

Publications:

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 17 a. Are relevant publications available to the Range Officer and RCO? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Are relevant RSNs and RSPLs applied by the range? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Maps

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| 18. Does the Range Officer hold maps and/or plans to a suitable scale showing the boundary of the range and designated danger areas? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Do the Range Officer's maps correspond exactly with those held by the appropriate DE office in respect of the training area boundary, over-shooting rights and areas of land within the boundary which are sub-let to the local community? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Do the Range Officer's Maps/drawings show? | | | |
| a. The location/s and extents of firing positions? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Accurately drawn danger areas for all weapon systems authorised to be fired on the range based on currently approved templates? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Permitted entry points to the range? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Roads, tracks and footpaths within the range boundary? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The position/s of all danger area warning flags and/or lights? | | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The position/s of all Byelaw Notices? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The position/s of all barriers and gates used to control access to and movement within the range? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| h. The position/s of all sentry posts? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| i. The extent of MOD/RFCA land leased to other users? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| j. All areas of non-MOD/RFCA land over which formal over-shooting rights are held? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**RANGE CONTROL GRADING:
(See Note 3 on Cover Sheet)**

RANGE STRUCTURE

- | | N/A | Y | N |
|---|--------------------------|--------------------------|--------------------------|
| 21. Does the overall design of the range conform to currently approved criteria? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. Are all roads, footpaths, bridleways and other access points to the range adequately guarded by sentries or barred by lockable barriers or gates? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. Has fencing been provided where required by current regulations? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. Where fencing is provided, does it meet the required standard for its intended purpose? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. Are all warning flags/lights correctly positioned? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 26. Is the range boundary clearly defined by correctly worded warning notices of the correct design? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 27. Where Byelaws exist, are notice boards positioned at all points of access to the range? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 28. Where warning notices refer to warning flags and/or lights, can they be seen from the location of the notice? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 29. Are all manned positions within the danger area adequately protected? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Range Serial No:

Range Name (if any):

Inspection Date:

- | | N/A | Y | N |
|--|--------------------------|--------------------------|--------------------------|
| 30. Are all ricochet or backslash inducing surfaces adequately defended with baffles or cladding of an approved design? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 31. Is the RDA/WDA in use appropriate to the weapons, ammunition and practices authorised for use on the range? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 32. Does the stop-butt conform to an approved design? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 33. In the case of a natural or adapted stop-butt, does the configuration of the feature meet currently approved criteria? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 34. Is the fill of the bullet catcher of the correct material and laid to the correct profile? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 35. Are the range and any ancillary structures free from excessive damage? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 36. Does the mantlet conform to an approved design? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 37. Is the correct amount of the mantlet, below the mantlet crest board, visible from all firing points? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 38. Targets: | | | |
| a. Are target centres correctly positioned? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Are target slots/trenches/mechanisms of an approved design? | | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Where falling plates are in use, are they constructed and positioned in accordance with a currently approved design? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Where falling plates are in use, is an appropriate WDA Template applied? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Are all lane number boards at the target line correctly positioned and of the correct size and material? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 39. Firing Points: | | | |
| a. Do the authorised firing points conform to the approved design? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Are all firing points and targets sited in accordance with currently approved designs? | | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Are all authorised firing points clearly marked with the firing distance? | | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Are all authorised firing positions clearly marked with a lane number? | | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Are the firing point mounds and other irregularities on the range floor free from bullet strikes? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 40. Where cladding is fitted to areas which may receive frequent strike, can it be easily removed for inspection? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 41. Is the range free from bullet strikes or other weapon effects in areas other than might be expected? | | <input type="checkbox"/> | <input type="checkbox"/> |

RANGE STRUCTURE GRADING:
(See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

RANGE MAINTENANCE

N/A Y N

42. Are the following range components being maintained to a serviceable standard:
- a. Gates and/or barriers?
 - b. Fencing?
 - c. Alarm systems?
 - d. Communications systems?
 - e. Lights?
 - f. Signs and Warning notices?
 - g. Flags?
 - h. Timber baffles and cladding?
 - i. Stop Butt?
 - j. Bullet catcher fill?
 - k. Mantlet?
 - l. Target frames/mechanisms?
 - m. Firing points?
 - n. Firing trenches/leaning posts?
 - o. Markings indicating the correct positions of range components?
 - p. Lane number boards?
43. Is the range between the most distant firing points and the target line free from ricochet inducing material?
44. Is the range clear of intrusive vegetation?
45. Does the general appearance of the range indicate that an adequate maintenance regime is being followed?

**RANGE MAINTENANCE GRADING:
(See Note 3 on Cover Sheet)**

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 3

INSPECTOR'S COMMENTS AND RECOMMENDATIONS

1. Here the Inspector should list the faults or deficiencies found during the inspection and, where appropriate, give advice as to how they may be rectified.
2. If a serious range safety issue is identified during the inspection, the Inspector must inform the Range Administering Unit directly and also ensure that the respective Range Authorising Headquarters is made aware of the problem.
3. The Inspector should comment on any safety issue which comes to his attention, whether or not covered by the questionnaire.
4. Continuation sheets, photographs, plans and diagrams may be attached as necessary.
5. Particular attention should be paid to any safety-related concerns expressed by the Range Officer, which should be briefly summarised below and fully addressed in the body of the report.

Points of concern affecting range safety expressed by the Range Officer:

REFERENCES (Additional references can be added by the inspectors)

- A. JSP 403 - Handbook of Defence Land Ranges Safety, Vol I, Edition 2 Change 6 - Policy
- B. JSP 403 - Handbook of Defence Land Ranges Safety, Vol II, Edition 3 Change 5 - Design and Construction of Small Arms and Infantry Weapon System Ranges
- C. Infantry and Armoured Training Volume IV - Ranges and Training Safety, Pamphlet No 21, Regulations for Training with Armoured Fighting Vehicles, Infantry Weapon Systems and Pyrotechnics.
- D. Air Publication 3205 RAF Land Ranges - Policy (RAF only).
- E. Pam 21-C the Regulations for the Planning Conduct and Supervision of Firing and Training for Cadets.

Inspector's Comments:

SUMMARY OF RANGE SAFETY GRADINGS:

DOCUMENTATION:

ADMINISTRATION:

CONTROL:

STRUCTURE:

MAINTENANCE:

INSPECTOR'S OVERALL RANGE SAFETY GRADING:

(See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

Inspector's additional comments on the Overall Grading shown above.

The Inspector may wish to elaborate upon or qualify the gradings awarded by referring to key sections of his report in the space provided below. If a grading of "C" has been awarded, it is essential that a brief summary of the main fault/s is given below.

Name and Rank:

Appointment:

Date:

Email:

Distribution:

DLRSC

Range Authorising Headquarters

DTE (where applicable)

Range Administering Unit

RFCA (where applicable)

Independent Inspections Team Leader

TAS(RE) (where applicable)

Notes:

1. Civilian Ranges If the subject of this report is a civilian range used by MOD personnel on duty, the Range Administering Unit copy is to be forwarded to the relevant major MOD user.

INDEPENDENT RANGE SAFETY INSPECTION REPORT

COVER SHEETTick this box if completing
Cover Sheet Only

Range Serial No:	Range Name :	Inspection Date:
Complex Ser No (if any):	Range Complex Name (if any):	Current Status: See Note 4
Type of Range:		
O		
Range Authorising Headquarters:	RFC/DTE:	
Email:	Email:	
Range Address:	Range Administering Unit Address:	
Email:	Email:	
Map Sheet:	Grid Reference:	
Air Danger Area:	Sea Danger Area:	Bylaws (SI Number and Date):

Main users of the range:

Brief description of the range:

Range Officer: (The officer appointed by the CO of the Range Administering Unit for the overall management of the range.)

Name and Rank:	Appointment:	
Civilian Telephone Number:	Military Telephone Number:	E-Mail Address:

This report comprises:

Cover Sheet.

Section 1 Range Documentation.

Section 2 Range Safety Questionnaire.

Section 3 Inspector's Comments and Recommendations.

Section 4 Follow-up action ordered by the Range Authorising Headquarters. (Not applicable to RN)

Section 5 DLRSC comments and recommendations.

Notes.

- Inspectors are to complete Sections 1, 2 and 3 then distribute them as detailed in Section 3.
- Service Inspection Coordinators are to liaise with the relevant Range Authorising Headquarters to ensure that Section 4 is completed.
- Range Safety Gradings:**
 - Grade A:** The range meets all the criteria specified in JSP 403.
 - Grade B:** The range does not fully meet the criteria specified in JSP 403 but its continued use does not present an unacceptable hazard provided remedial action is taken as soon as is reasonably practicable.
 - Grade C:** The range does not meet the essential safety criteria specified in JSP 403 to the extent that continued use presents an unacceptable hazard. Before further use, the identified failings should be rectified and/or control measures put in place; or a dispensation should be granted.
- Current Status:**
 - a) Closed:** The range has been decommissioned, all documentation has been permanently withdrawn by the Range Authorising Headquarters and Annex C to Chapter 6 of JSP 403 Vol I has been completed. No inspection required.
 - b) Temporarily Closed:** MOD Form 905 and 906, and/or other range documentation have been temporarily withdrawn by the Range Authorising Headquarters or Range Administering Unit. Situation should be reported to DLRSC but no inspection is required.
 - c) Active:** Where the range is in normal use; or when neither a. nor b. above is applicable, the Inspector should consider the range to be active and a full range safety inspection and report should be completed.

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 1
RANGE DOCUMENTATION

1. Enter the following information pertaining to the documents listed below:

- a. MOD Form 904: Reference No: Date of Signature:
- b. Type of WDA in use:
- c. If the range operates under dispensation/s for non-standard construction and/or practices, summarise the circumstances and enter the dates of validity below: If none, indicate here:

Granted by:		Rank/Grade:	
Appointment:		Valid from:	to:

Y N

Has the above dispensation been reviewed in past 12 months?

- d. AF K1309/MOD Form 1057 or other technical records: N/A
Reference No: Approval Dated:
- e. MOD Form 905: Date of expiry:

All actions completed?

2. Most Recent Inspections	Date:	Inspected by:	All actions completed?		
			N/A	Y	N
a. MOD Form 907A (Annual)	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. MOD Form 907B (Independent)	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Works Technical Inspection.	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Estate Inspection	<input type="text"/>	<input type="text"/>		<input type="checkbox"/>	<input type="checkbox"/>

DOCUMENTATION GRADING:
(See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 2

RANGE SAFETY INSPECTION QUESTIONNAIRE

RANGE ADMINISTRATION

	N/A	Y	N
1. Range Orders:			
a. Are Range Orders promulgated in the Orders of the Range Administering Unit?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Have Range Orders been reviewed during the last 12 months?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Are Range Orders available to the RCO on the range?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Do Range Orders clearly describe or include:			
a. The name and location of the range?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. The Unit and appointment of the officer responsible to the CO of the Range Administering Unit for the overall management of the range?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. That firing is only to be conducted under the supervision of properly qualified or authorised RCOs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. That the Air Weapons Range is only to be operated by properly qualified personnel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. The weapons and ammunition limitations applicable to the range, in accordance with the schedule of the Range Authorisation Certificate (MOD Form 904)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. That the RCO is to sign the MOD Form 906/906A and/or other special to Arms Certificate before any firing practice to affirm that he has read and understood Range Standing Orders?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. The requirement for the RCO to sign in the Range Log (MOD Form 906) after firing to confirm that all ammunition and explosives have been cleared?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. The documents and maps required by Safety personnel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. The Certificates to be submitted to the Range Officer prior to obtaining clearance to fire, and at the end of practice?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. The procedure for reporting accidents, incidents and defects, including blinds and the entries to be made in the Range Log (MOD Form 906/906A)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. The medical cover and equipment to be provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. The location of the nearest means of communication by which emergency services may be called?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. The actions to be taken in an emergency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. That ear protection is to be worn in accordance with current regulations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. That other protective clothing is to be worn?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Specific instructions for each authorised type of practice (e.g. NGS, Air to Ground, Artillery, Proof, Demolitions etc.)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. That Field Firing exercises, Battle Runs etc, may only be conducted with the written authority of the Range Officer/RLO?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r. The procedures for firing from air-mounted weapon platforms?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
s. That all misfires and blinds are to be dealt with by the firing unit or reported to Range Control at the end of practice; including the entries to be made in the MOD Form 906/906A and any other special to arm certificate required by the RAU?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t. The procedure to ensure that before firing/practice begins, the danger area into which any weapon is directed is clear of personnel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u. That, before firing begins, the officer/s responsible for range safety ensures that all sentries, barriers, warning flags and/or lights relevant to his practice are in place?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
v. RCO's verbal pre-firing briefings to firing party/s, sentries and other personnel affected by the firing, on the intended practice and any relevant safety limitations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Range Serial No:

Range Name (if any):

Inspection Date:

	N/A	Y	N
w. The location/s and duties of sentries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
x. The arrangements for observation of all land, sea and air danger areas during firing/practice?		<input type="checkbox"/>	<input type="checkbox"/>
y. Control of all access points forward of the firing points?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
z. Control of movement within the range boundary?		<input type="checkbox"/>	<input type="checkbox"/>
aa. The procedures to be adopted at night and/or in poor visibility?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ab. The means of communication between firing points (including firing vehicles and aircraft), sentries, range control and other locations directly involved in the firing/practice?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ac. Detailed instructions for the flying of aircraft, including RPVs, within the range boundaries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ad. The firing points and postures which may be used?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ae. The permitted arcs of fire, location and description of all arc markers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
af. All designated impact and other danger areas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ag. The types of target which may be used, including any relevant specifications, dimensions and positioning instructions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ah. The duties of staff operating range facilities, including pre and post-firing procedures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ai. The use of the range by non-MOD personnel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
aj. Clear instructions for the conduct of licensed game management and/or vermin control.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ak. The procedure for correct disposal of unused ammunition & ammunition waste.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
al. Reference to Instructions for contractors operating and maintaining range facility (All or Part of daily range operation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
am. Reference to instructions for deleading and disposal of waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
. an. Do range standing Orders state the maximum NEQ permissible?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Is the range manned to establishment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**ADMINISTRATION GRADING:
(See Note 3 on Cover Sheet)**

Range Serial No:

Range Name (if any):

Inspection Date:

RANGE CONTROL

		N/A	Y	N
4.	Certificates:			
a.	Is a valid copy of the Land Range Authorisation Certificate (MOD Form 904) held on the Range File?		<input type="checkbox"/>	<input type="checkbox"/>
b.	Is a valid Land Range Safety Certificate (MOD Form 905) displayed or available to the RCO on the Range?		<input type="checkbox"/>	<input type="checkbox"/>
5.	a.		<input type="checkbox"/>	<input type="checkbox"/>
	Is the Land Range Log (MOD Form 906) being completed in accordance with current instructions?			
	b.			
	Have the following periodic inspections been recorded at the correct frequency and signed by the Inspector:			
	(1) Monthly Inspection by the Range Administering Unit using Form 907-2 (Monthly) or locally produced alternative to the same standard?		<input type="checkbox"/>	<input type="checkbox"/>
	(2) Annual Inspection by the Range Authorising Headquarters?		<input type="checkbox"/>	<input type="checkbox"/>
	(3) Is the Two-yearly Inspection by the Works Services Organisation current?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	(i) Is inspection report held on the range file?		<input type="checkbox"/>	<input type="checkbox"/>
	(4) Infrastructure and plant inspections?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	(5) Estate Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	a.		<input type="checkbox"/>	<input type="checkbox"/>
	Is the range covered by a valid written risk assessment in accordance with Ref. A?			
	b.		<input type="checkbox"/>	<input type="checkbox"/>
	Is it held on the range file?			

If questions 7 to 27 have been answered in Complex report – Tick here (Jumps to DE&S/DSTL Ranges just before Question 28)

		N/A	Y	N
7.	Is there a reliable procedure for ensuring that the range cannot be allocated to persons who are not properly qualified to conduct firing practices?		<input type="checkbox"/>	<input type="checkbox"/>
8.	Is there an adequate procedure for ensuring that range planning is conducted using only approved templates and procedures as detailed in current pamphlets and/or other publications?		<input type="checkbox"/>	<input type="checkbox"/>
9.	Are the designated permanent and temporary danger areas in accordance with currently approved templates and/or criteria?		<input type="checkbox"/>	<input type="checkbox"/>
10.	Do all land, air and/or sea danger areas, including trajectory vertex heights, lie within the boundary of the range?		<input type="checkbox"/>	<input type="checkbox"/>
11.	Where the danger area/s extend beyond the MOD/RFCA boundary of the range:			
	a. Have formal over-shooting rights been drawn up by the DE?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b. Is a valid dispensation in force?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.	Where a temporary air danger area in excess of 500 ft AGL is required, is the correct procedure in use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.	Is there an effective system in place for ensuring that, in so far as is practicable, the whole of the active danger area/s is clear of personnel before "Range Clear" can be given by Range Control?		<input type="checkbox"/>	<input type="checkbox"/>
14.	Where an Air or Sea Danger Area exists, is an effective system in place to quickly detect infringements and immediately curtail firing/practice?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.	Where Byelaws exist, does the Range Officer hold an up to date copy?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.	Is there a central point of control when firing/practice is in progress?		<input type="checkbox"/>	<input type="checkbox"/>
17.	Is there an adequate communications system linking all sections of the range?		<input type="checkbox"/>	<input type="checkbox"/>
18.	Is there an adequate procedure for effecting a general order to Check Firing to all practices in an emergency?		<input type="checkbox"/>	<input type="checkbox"/>

Range Serial No:

Range Name (if any):

Inspection Date:

- | | N/A | Y | N |
|---|--------------------------|--------------------------|--------------------------|
| 19. Is the simultaneous use of adjacent range areas or separate practices approved by the Range Officer? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Is there an effective procedure for ensuring that all range users are aware of restrictions on movement (e.g. formal briefings, issue of Daily Range Summaries etc.)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Where the range is used by non-MOD personnel, does the Range Officer hold a copy of the licence or encroachment agreement issued by the appropriate authority (e.g. DE/RFCA)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. Is an individual Range Detail or other special instruction issued for each practice? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. Does the general appearance of the range indicate that only approved practices are conducted using authorised weapons and ammunition? | | <input type="checkbox"/> | <input type="checkbox"/> |

Publications:

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 24 a. Are relevant publications available to the Range Officer and RCO? | | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Are relevant RSNs and RSPLs applied by the range? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Maps

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| 25. Does the Range Officer hold maps and/or plans to a suitable scale showing the boundary of the range and designated danger areas? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 26. Do the Range Officer's maps correspond exactly with those held by the appropriate DE office in respect of the training area boundary, over-shooting rights and areas of land within the boundary which are sub-let to the local community? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 27. Do the Range Officer's Maps/drawings show? | | | |
| a. The boundary of each separately allocated range and training area which lies within the overall boundary of the range? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The location/s and extents of fixed firing points, arcs of fire, movement boxes and designated impact and danger areas for all authorised weapon systems? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Accurately drawn danger areas for all weapon systems authorised to be fired on the range based on currently approved/endorsed templates and/or safety traces? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Permitted entry points to the range? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Roads, tracks and footpaths within the range boundary? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The position/s of all danger area warning flags and/or lights? | | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The position/s of all Byelaw Notices? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| h. The position/s of all barriers and gates used to control access to and movement within the range? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| i. The position/s of all sentry posts? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| j. The extent of MOD/RFCA land leased to other users? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| k. All areas of non-MOD/RFCA land over which formal over-shooting rights are held? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

DE&S/DSTL Ranges N/A

- | | | | |
|--|--|--------------------------|--------------------------|
| 28. Do the RSO and TCOs have the resources to enable them to select and, where necessary, modify approved danger area templates to meet the safety requirements for experimental and proof firing? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 29. Do range procedures provide sufficient guidance and indicate when and how higher approval is to be obtained? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 30. Where danger area templates are supplied by a suitably qualified and approved sponsor, do the range staff have the necessary expertise to assess the integrity of these templates? | | <input type="checkbox"/> | <input type="checkbox"/> |
| 31. Do range procedures specify where guidance can be obtained in cases of doubt? | | <input type="checkbox"/> | <input type="checkbox"/> |

RANGE CONTROL GRADING:
(See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

RANGE STRUCTURE

	N/A	Y	N
32. Where the type of range incorporates constructed components or special layouts, do they conform to an approved design?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33. Are all roads, footpaths, bridleways and other access points to the range adequately guarded by sentries or barred by lockable barriers or gates?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34. Has fencing been provided where required by current regulations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35. Where fencing is provided, does it meet the required standard for its intended purpose?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36. Are all warning flags/lights correctly positioned?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37. Is the range boundary clearly defined by correctly worded warning notices of the correct design?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38. Where Byelaws exist, are notice boards positioned at all points of access to the range?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39. Where warning notices refer to warning flags and/or lights, can they be seen from the location of the notice?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40. Are all manned positions within the danger area adequately protected?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41. Is the RDA/WDA in use appropriate to the weapons, ammunition and practices authorised for use on the range?		<input type="checkbox"/>	<input type="checkbox"/>
42. Do the location, orientation and extents of the range and its danger area/s conform to the range map?		<input type="checkbox"/>	<input type="checkbox"/>
43. Do any butts/bunds or other constructions provided to ensure weapon initiation conform to an approved design?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44. Are all permanently positioned arc markers, movement boxes and/or safety critical reference points correctly positioned and unambiguously coloured or indicated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45. Are any range and ancillary structures free from excessive damage?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46. Do the authorised firing points conform to an approved design?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47. Do any protective structures provided for safety staff conform to an approved design?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48. Are all firing points and targets sited so as to eliminate backslash hazards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49. Where timber cladding is fitted to areas which may receive frequent strike, can it be easily removed for inspection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50. Is the range free from bullet strikes or other weapon effects in areas other than should be expected?		<input type="checkbox"/>	<input type="checkbox"/>

Grenade Ranges N/A

51. Is the range built on a firm, level site?		<input type="checkbox"/>	<input type="checkbox"/>
52. Is the whole impact area open to view by the RCO/Safety Supervisor?		<input type="checkbox"/>	<input type="checkbox"/>
53. Are arrangements in place to ensure that the whole danger area remains clear throughout the practice?		<input type="checkbox"/>	<input type="checkbox"/>
54. Is the surface of the Impact Area correctly constructed of approved materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55. Do the design and construction of the range buildings conform to an approved design?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56. Do all throwing trenches and targets provided for tactical practices conform to an approved design?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Anti-Tank Ranges N/A

57. Are all firing points sited so as to provide unobstructed LofS to the target/s across the full arc/s?		<input type="checkbox"/>	<input type="checkbox"/>
58. Where backblast, fragmentation or ejected ammunition debris hazards exist, is the necessary clear space provided around the firing point/s?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59. Does the layout of the range enable the RCO/Safety Supervisor to exercise effective control of firing from adequately protected positions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Range Serial No:

Range Name (if any):

Inspection Date:

Field Firing Ranges/Areas N/A

- 60. Are all fixed firing points, arc markers and/or movement boxes clearly marked on the ground and visible by day and night?
- 61. Are the positions of all fixed firing points, arc markers and/or movement boxes accurately marked on the range map?

Demolition Ranges N/A

- 62. Is there an appropriate procedure in place to control the access to the range (i.e. gates, barriers & boundary)?
- 63. Is the demolition area free of vegetation to prevent fire?
- 64. Is the structure of the firing point/bunker suitable for the maximum NEQ?

**RANGE STRUCTURE GRADING:
(See Note 3 on Cover Sheet)**

RANGE MAINTENANCE

N/A Y N

- 65. Are the following range components being maintained to a serviceable standard:
 - a. Securing arrangements for all doors and/or other points of access?
 - b. Gates and/or barriers?
 - c. Fencing?
 - d. Alarm systems?
 - e. Communications systems?
 - f. Lights?
 - g. Signs and Warning notices?
 - h. Flags?
 - i. Timber baffles and cladding?
 - j. Protective structures?
 - k. Target/Impact area?
 - l. Permanent arc markers, movement boxes and/or other safety critical constructed reference points?
 - m. Initiating banks/bunds or other constructions?
 - n. Target frames/supports/mechanisms?
 - o. Firing positions?
 - p. Firing trenches/leaning posts?
 - q. Markings indicating the correct positions of range components?
- 66. Does the general appearance of the range indicate that an adequate maintenance regime is being followed?

**RANGE MAINTENANCE GRADING:
(See Note 3 on Cover Sheet)**

Range Serial No:

Range Name (if any):

Inspection Date:

SECTION 3

INSPECTOR'S COMMENTS AND RECOMMENDATIONS

1. Here the Inspector should list the faults or deficiencies found during the inspection and, where appropriate, give advice as to how they may be rectified.
2. If a serious range safety issue is identified during the inspection, the Inspector must inform the Range Administering Unit directly and also ensure that the respective Range Authorising Headquarters is made aware of the problem.
3. The Inspector should comment on any safety issue which comes to his attention, whether or not covered by the questionnaire.
4. Continuation sheets, photographs, plans and diagrams may be attached as necessary.
5. Particular attention should be paid to any safety-related concerns expressed by the Range Officer, which should be briefly summarised below and fully addressed in the body of the report.

Points of concern affecting range safety expressed by the Range Officer:

REFERENCES (Additional references can be added by the inspectors)

- A. JSP 403 - Handbook of Defence Land Ranges Safety, Vol I, Edition 2 Change 6 - Policy
- B. JSP 403 - Handbook of Defence Land Ranges Safety, Vol II, Edition 3 Change 5 - Design and Construction of Small Arms and Infantry Weapon System Ranges
- C. Infantry and Armoured Training Volume IV - Ranges and Training Safety, Pamphlet No 21, Regulations for Training with Armoured Fighting Vehicles, Infantry Weapon Systems and Pyrotechnics.
- D. Air Publication 3205 RAF Land Ranges - Policy (RAF only)
- E. Headquarters Air Weapons Range Orders (HQ AWROs)
- F. JSP 403 - Handbook of Defence Land Ranges Safety, Vol III - Air to Surface Range Safety
- G. JSP 482 - MOD Explosives Regulations.
- H. Pam 21-C the Regulations for the Planning Conduct and Supervision of Firing and Training for Cadets.

Inspector's Comments:

SUMMARY OF RANGE SAFETY GRADINGS:

DOCUMENTATION:

ADMINISTRATION:

CONTROL:

STRUCTURE:

MAINTENANCE:

INSPECTOR'S OVERALL RANGE SAFETY GRADING:

(See Note 3 on Cover Sheet)

Range Serial No:

Range Name (if any):

Inspection Date:

Inspector's additional comments on the Overall Grading shown above.

The Inspector may wish to elaborate upon or qualify the gradings awarded by referring to key sections of his report in the space provided below. If a grading of "C" has been awarded, it is essential that a brief summary of the main fault/s is given below.

Name and Rank:

Appointment:

Date:

Distribution:

DLRSC

Range Authorising Headquarters

DTE (where applicable)

Range Administering Unit

RFCA (where applicable)

Independent Inspections Team Leader

TAS(RE) (where applicable)

Range Serial No:	Range Name:	Inspection Date:
<input type="text"/>	<input type="text"/>	<input type="text"/>

SECTION 4
FOLLOW-UP ACTION ORDERED BY THE RANGE AUTHORISING HQ
(Not applicable to RN)

Range Authorising Headquarters Address:		
<input type="text"/>		
Email Address:		
<input type="text"/>		
	Yes	No
1. Have the Inspector's comments, gradings and recommendations given in Sections 1 - 3 of this report, been accepted in full and any follow-up action ordered where necessary?	<input type="checkbox"/>	<input type="checkbox"/>
2. If the report is not agreed in full, the reason for disagreement should be described below, together with a description of any alternative action proposed.		
Note: A range with safety-related shortcomings which is required to remain open for operational reasons must have an up to date dispensation, signed by the Authorising Officer, to that effect.		

Signature of Range Authorising HQ Staff Officer:	Name and Rank:	
	<input type="text"/>	
	Appointment:	Date:
	<input type="text"/>	<input type="text"/>

Distribution:
DLRSC
DTE (where applicable)
Range Administering Unit
RFCA (where applicable)
Independent Inspections Team Leader (Where applicable)
Independent Range Safety Inspector
TAS(RE) (where applicable)

Range Serial No:

Range Name:

Inspection Date:

SECTION 5
DEFENCE LAND RANGES SAFETY COMMITTEE
COMMENTS AND RECOMMENDATIONS

DLRSC OVERALL RANGE SAFETY GRADING:
(See Note 3 on Cover Sheet)

Name and Rank:

Appointment:

Date:

Distribution:

Range Authorising Headquarters
DTE (Where applicable)
Independent Inspections Team Leader
Independent Range Safety Inspector
TAS(RE) (where applicable)