



**Defence
Safety
Authority**

Chairman DRSCWG
Defence OME Safety Regulator
Defence Safety Authority
Hazel # H109 MoD Abbey Wood North
BRISTOL, BS34 8JH

Telephone: 030 679 80472
e-mail: DSA-DOSR-PRG-ATL@mod.uk

DSA / DOSR Ref: DRSC RSN_4 -15

DSA DOSR RANGE SAFETY NOTICE 4-15

LEAD IN AIR ASSESSMENTS	
Who should read this:	All Service and civilian personnel involved with the management and conduct of MoD Ranges.
Category:	Regulation.
Cancellation date:	When rescinded or replaced.
Point of contact:	DSA-DOSR-PRG-1@mod.uk

Reference:

- A. JSP403 Volume 2 Design, Construction and Maintenance of Small Arms, Infantry Weapon Systems and 40mm Weapon Systems Ranges.
- B. DRSCTWG Meeting dated 14 Jul 15.

Safety issue

1. During recent Independent inspections it has been noted that several ranges do not have a Lead in Air (LIA) assessment contained within the range file as required in Reference A, Chapter 30. TAS have recently been tasked to conduct an audit trail through archive files to establish the intent / background in what level a LIA assessment is required. It was agreed at Reference B that the following control measures shall be implemented with immediate effect.

Control measures to be implemented

2. After construction of a new Indoor range a Lead in Air (LIA) assessment must be undertaken by an Environmental Health Team (EHT) during a time of high range activity. This will establish a definitive LIA baseline – given the ventilation system is working to specification.

3. For Indoor ranges an assessment of the risk of significant contamination from LIA shall be carried out. This can be achieved by either monitoring by an EHT, or through an entry in the range risk assessment that specifically considers the risk of significant contamination from LIA. The risk assessment shall consider:

- a. The nature of the activity.
- b. The number of rounds fired.

- c. The people present during range activity.
- d. The serviceability of the ventilation facility.
- e. The frequency of the deep clean procedure.

4. Where the deep clean is in full compliance with Reference A, the ventilation system is fully serviceable, no one person present for all range activities, the number of rounds is below 26,000 and the range activity is 0.22 Rimfire only, the risk may be assumed as being low. Outside of these parameters monitoring shall be carried out by an EHT to provide quantifiable assurance.

Prepared: Sec DRSCWG

Date: 7 Aug 15

Authorised: Chairman DRSCWG

Date: 7 Aug 15