



Defence  
Safety Authority

# DSA 03.OME Part 1: Defence Code of Practice (DCOP) 114

## Gun Barrel Proof



# Version Record

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# Preface

## Requests for Change

1. Proposed changes, recommendations, or amendments to DOSR Regulations and Guidance can be submitted to the DOSR Regulations and Publications Team:

Email Address: [dsa-dosr-prg@mod.gov.uk](mailto:dsa-dosr-prg@mod.gov.uk)

Postal Address: Juniper #5004, Level 1, Wing 4, Abbey Wood North, Bristol, BS34 8QW

2. Any post and grammar change proposals can be approved or rejected by the DOSR without involvement of the associated Working Group.

3. Technical change proposals should be submitted to the associated Working Group for review and approval or rejection.

4. When incorporating changes, care is to be taken to maintain coherence across regulations.

5. Changes effecting Risk to Life will be published immediately. Other changes will be incorporated as part of routine reviews.

## Review Process

6. The DOSR team will ensure OME Regulations remain fit for purpose by conducting regular reviews through the DOSR Governance Committees, consulting with MOD Stakeholders and other Defence Regulators as necessary on interfaces and where there may be overlaps of responsibility.

## Further Advice and Feedback

7. For further information about any aspect of this document, or questions not answered within the subsequent sections, or to provide feedback on the content, contact the DOSR Regulations and Publications Team.

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# Regulation OME 114

## Gun Barrel Proof

1. The Accountable Person shall ensure that any gun barrel made for use under the control of Secretary of State for Defence shall undergo proof.

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## Introduction

2. Compliance with DSA 03.OME Regulation 114 should be carried out in accordance with DefStan 05-101 – Proof of Ordnance, Munitions, Armour, and Explosives.

3. DefStan 05-101 is currently beyond the recommended review date; readers are referred to [DOSR Notice 02/23 - Proof of Ordnance, Munitions, Armour, and Explosives](#) which provides interim guidance alongside DefStan 05-101. Following the review and up-issue of DefStan 05-101, DCOP 114 will be up-issued and published.

4. Ordnance Proof is a type of verification and validation/quality assurance test activity performed by/on behalf of MOD. It should be managed via a similar methodology to other test services provided to Project/Delivery Teams (P/DTs) by industry. A pragmatic approach towards managing Proof Marking for Ordnance is as follows:

- a. Adherence by P/DTs to DefStan 05-101 for establishing proof requirements and a Proof Schedule.
- b. The AP should assess the suitability of any Test House to conduct proof including:
  - (1) Ensuring the Test House maintains appropriate accreditation to conduct test activities - minimum ISO 9001 and UKAS (or international equivalent) accreditation.
  - (2) Where necessary, conducting an audit of the contractor to assess their suitability to conduct proof.
- c. The P/DT should control and influence the Proof Schedule to be followed by the appropriate contractor, including:
  - (1) P/DT should reserve the right to have a Crown Witness in attendance for the conduct of the proof activity. A Crown Witness should attend at least part of the proof activity to ensure that it is being conducted appropriately.
  - (2) Ensuring the Contractor delivers proof evidence / documentation to P/DT.

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- (3) The AP should review proof evidence and documentation to assess whether:
- (a) Proofing has been carried out appropriately in accordance with the Proof Schedule.
  - (b) Materiel under test met the requirements of the Proof Schedule and are suitable for Crown acceptance.
- d. Where the AP assesses that Proof requirements have been met for the materiel under test, the P/DT may authorise the contractor to mark the item of supply with MOD Proof Mark.
- e. Contractor delivers item of supply to MOD.