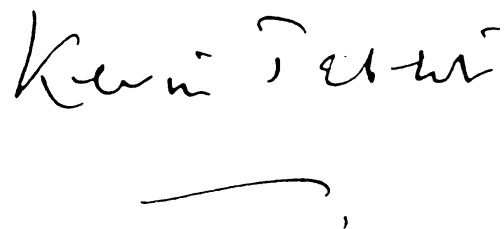


HANDBOOK OF DEFENCE LAND RANGES SAFETY

VOLUME V

DEMOLITIONS, ORDNANCE DISPOSAL AND BATTLE SIMULATION

BY COMMAND OF
THE DEFENCE COUNCIL



MINISTRY OF DEFENCE

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RECORD OF CHANGES

CHANGE NUMBER	DATE OF CHANGE
ONE	JUL 06

Joint Service Publication 403 – Handbook of Defence Land Ranges Safety (Volumes I – V)

- Volume I:** Range management - policy, responsibilities, authorisation, use, maintenance and inspection of land ranges.
- Volume II:** Design, construction and maintenance of small arms, infantry and 30mm weapon systems ranges.
- Volume III:** **Part 1** - Use of fixed wing aircraft and helicopter mounted weapon systems, and unmanned aerial vehicle systems, on land ranges.
Part 2 - Use of surface to air weapon systems on land ranges.
- Volume IV:** Glossary of terms and definitions.
- Volume V:** Demolitions, ordnance disposal and battle simulation.

INTRODUCTION

Joint Services Publication (JSP) 403 is issued under the overall direction of the Defence Council. It contains the Ministry of Defence regulations for the safety of land ranges and is a Ministry of Defence Approved Code of Practice (ACOP). Where issues of health and safety are concerned it takes into account the provisions of the Health and Safety at Work Act and other legislation.

JSP 403 is designed to provide a comprehensive handbook covering safety on Ministry of Defence land ranges. It provides direction, guidance and instructions on which the Services and Ministry of Defence civilian organisations and agencies can base their safety regulations. There are currently five volumes and further volumes may be produced if required. JSP 403 as a whole is sponsored by the Chairman of the Defence Land Ranges Safety Committee.

JSP 403 contains both regulation and best practice measures for range safety. Throughout Volume 5 the use of the verbs must, will or is/are to identify mandatory requirements, whereas use of the verb 'should' indicates best practice. The application of best practice is to be considered mandatory unless other methods of keeping the risk of potential hazard as low as is reasonably practicable have been identified and can be successfully applied.

SCOPE OF VOLUMES

JSP 403 Volume I covers the range management aspects of the use of land ranges and deals specifically with policy, responsibilities, authorisation, use, maintenance and inspection of ranges. The current version Edition 2, (January 2003) replaced the original version dated 31 August 1997.

JSP 403 Volume II covers the design and construction of land ranges and deals specifically with small arms, infantry and 30mm weapon systems ranges. Edition 3 (February 2003) of Volume II is the current version. Volume II replaced Infantry Training, Volume IV, Ranges, Pamphlet No. 22 Range Construction and Regulations (Army Code 71053).

JSP 403 Volume III is in two parts. Part 1 covers the firing of weapon systems from fixed wing aircraft and helicopters on to land ranges. It has introduced commonality into control systems, procedures and management. It also explains the terminology used in air to surface engagements. Part 2 details the policy and principles for the safety of surface to air weapon systems firing against air or surface targets on land ranges.

JSP 403 Volume IV provides a glossary of range safety terms and definitions and also lists the abbreviations used in the other volumes. It is intended as a reference tool for the better understanding of range safety policy, regulations and procedures. The current version Edition 2, (January 2003) replaced the original version dated 31 August 1997.

JSP 403 Volume V, covers the design and construction of demolition ranges and explosive ordnance disposal training areas, the clearance of ordnance from ranges and training areas, the safe use of ranges and training areas for demolitions and ordnance disposal training, and the safe use of explosives and pyrotechnics for battle simulation on ranges and training areas.

SPONSOR

Queries concerning any volume of JSP 403 should be directed to:

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ASSOCIATED PUBLICATIONS

Reference	Code	Title
A	JSP 362	Defence Lands Handbook.
B	JSP 364	Joint Service Explosive Ordnance Disposal Manual
C	JSP 375	MOD Health and Safety Handbook
D	JSP 403 Vol 1	Handbook of Defence Land Ranges Safety Volume 1 Range Management policy, responsibilities, authorisation, use, maintenance and inspection of Land Ranges.
E	JSP 403 Vol II	Handbook of Defence Land Ranges Safety Volume II Design and Construction of Small Arms and Infantry Weapon Systems Ranges
F	JSP 403 Vol III	Handbook of Defence Land Ranges Safety Volume III: Part 1 - Use of fixed wing aircraft and helicopter mounted weapon systems, and unmanned aerial vehicle systems, on land ranges. Part 2 – Use of Surface to Air Weapon Systems on Land Ranges.
G	JSP 403 Vol IV	Handbook of Defence Land Ranges Safety Volume IV – Glossary of Terms and Definitions.
H	JSP 482	MOD Explosive Regulations
I	JDP 2/02	JS EOD, Explosive Ordnance Disposal
J	Design and Maintenance Guide No 12	Explosive Ordnance Clearance
K	Army Code No. 11968	Ammunition and Explosives Regulations (Land Service) (A&ERs)
L	Army Code No. 71080	Infantry Training, Volume IV, Ranges Pamphlet No.21, Regulations for the Safe Planning, Conduct and Supervision of Firing and Training Infantry Weapon Systems and Pyrotechnics.
M	Army Code No. 71670	Military Engineering Volume II, Field Engineering Pamphlet No. 4, Demolitions.
N	Army Code No. 71685	Military Engineering Vol II Pam 4A. All Arms Battle Noise Simulation
O	BR 5063 (Supp)	Clearance Divers Supervisors Aide-Memoire
P	JSP 412	Radio Frequency Radiation Hazards Associated with Electro-Explosive Devices.