

9B First Street

Renaker

Unexploded Ordnance Safety Sign-Off Certificate (Reducing Risks to ALARP)

Meeting the requirements of the United Kingdom's
Construction Industry Research and Information Association's
Unexploded Ordnance Risk Management Framework:
"Unexploded Ordnance (UXO) – A Guide for the Construction Industry" (C681)
and in compliance with the Construction (Design and Management) Regulations 2015

6 Alpha Associates Ltd

Project No.: 12135

17th July 2026

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Document Control

Proposal Number	Version	Author(s)	Reviewed By	Recipient
12135	1.0	Melissa Holmes	Ben Wilkinson	Renaker

6 Alpha Associates Limited

Quatro House, Frimley Road

Camberley, Surrey

GU16 7ER

Tel: +44(0) 203 371 3900

Web: www.6alpha.com

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1 Technical Details

1.1 Site

The Client has described the Project as '9B First Street', (further referred to as the *Site*). The *Site* is located at 'First Street, Manchester' (see Fig.1).

1.2 Using this Certificate – Key Principles & Limitations

A summary of prospective unexploded ordnance (UXO) risks to Client proposed intrusive works was articulated in 6 Alpha's Detailed UXO Theat and Risak Assessment desktop study (Ref P4938 released 20th November 2015) covering UXO risk mitigation measures (RMM) support to the *Project's* proposed intrusive works.

This certificate is designed to sign-off UXO risks conforming to the legal and Health and Safety Executive (HSE) endorsed principle of As Low as Reasonably Practicable (ALARP). Accordingly, the applied UXO (RMM) have not sought to reduce UXO risks to zero, as it is neither reasonably practical, cost effective nor strictly necessary to do so. Although small residual UXO risks may have remained, those risks are considered to be "*de minimis*" and their carriage is considered both reasonable and practicable.

By designing a bespoke risk mitigation strategy to manage the identified UXO risks and by executing that at the *Project*, specifically at the *Site*, in 6 Alpha's view the Client has met with this legal standard.

1.3 UXO Risk Management – Methodology

The aforementioned documents, associated and subsequent correspondence and communication recommended the following UXO RMM be applied to achieve ALARP status in terms of reducing the UXO risk to Client intrusive works:

- Operational UXO Emergency Response Plan (OP UXO ERP) – to be held on site in the Project Health & Safety file so to provide documented and clear guidance on immediate actions in case of an UXO encounter. This is in line with the best practice procedure detailed in CIRIA 681 UXO A Guide to the Construction Industry;
- UXO Safety & Awareness Briefing (UXO S&A Briefing) – to be delivered as part of the site induction / daily briefing to all personnel on site as determined by the Client (recommended to all workers involved in intrusive ground works);
- On Call Explosive Ordnance Disposal Engineer (EODE) – to remotely identify and/or provide remote technical advice on the appropriate course of action in the event of any suspicious and/or real UXO finds.

1.4 Risk Mitigation Measures Implemented

The previously mentioned documentation, briefings and on-call service were provided so to meet client requirements and schedule. Specifically, the latter was provided during the period 08th Sep – 28th Nov 2025 during and throughout client intrusive work.

No items of UXO or items related to UXO were encountered during the period that UXO RMM was provided and therefore the UXO risk is considered ALARP.

2 Certificate Sign off

2.1 Summary

The unexploded ordnance risk mitigation measures were safely conducted and implemented as planned and as described herein, by employing explosive ordnance disposal engineers and applying the measures as described. As such, unexploded ordnance risks have been mitigated and reduced to as low as reasonably practicable (ALARP), as prescribed.

2.2 Recommendations

All future intrusive and investigative and/or construction/civil engineering works that may be undertaken at this site, which is not covered by this certificate should be the subject of similar risk treatment.

In such circumstances, 6 Alpha would be pleased to advise on those measures considered necessary to reduce prospective unexploded ordnance risks to ALARP.

6 Alpha Associates	Name and Position	Signature	Date
Authorised Signatory	Ben Wilkinson Director of Land Operations		17th July 2026

2.3 Certificate Notes

1. Change in Methodology; if there is any doubt concerning either the methodology associated with the risk management process, or the clarity, scope or extent of this sign-off certificate, then 6 Alpha Associates Ltd. are to be immediately informed.
2. Validity; certificates are not valid unless they are counter signed by a 6 Alpha Associates Ltd Director, or his approved signatory.

2.4 Certificate Clarifications

For clarification, certain terms employed in this certificate have been briefly defined. These definitions are necessarily abridged and are only for the purposes of clarifying the terms employed in this Sign-Off Certificate:

- ALARP – as low as reasonably practicable; a legal definition which requires the reduction of workplace risks in accordance with the legally endorsed de minimis threshold, in order to deliver reasonable and practicable levels of workplace health and safety;
- De Minimis – a residual risk level which is deemed to have been either sufficiently ameliorated to be carried, and/or is considered prohibitively expensive and/or delivers insufficient risk management benefit, to further reduce it;

- Geophysical Survey Anomaly – an item that has been identified remotely by geophysical survey techniques;
- Target – a geophysical anomaly with properties that might be reasonably associate it with those items of UXO that are in the threat spectrum for this site. Targets are to be the subject of investigation for the purposes of UXO verification;
- Unexploded Ordnance (UXO) - military ordnance containing high explosives which may remain in situ because they have been emplaced (dumped or transported) or have been otherwise used in military war fighting and/or training activities and have failed to function as designed.

If any other terms in this certificate require clarification, please contact 6 Alpha Associates Ltd. directly**.**