



Unexploded Ordnance (UXO) Preliminary Risk Assessment

Mitigate the risk of Unexploded Ordnance (UXO)

For the vast majority of construction sites the risk of encountering buried UXO will be very low or negligible, and can be screened out at a very early stage without the need for further research or costly proactive risk mitigation measures.

However, construction professionals often do not have time and resources to undertake this screening process themselves. That's where we can help, 1st Line Defence can produce a quick, cost-effective Preliminary UXO Risk Assessment for any site location in the UK.

The report conforms to Stage 1 of the CIRIA C681 guidelines, 'Unexploded Ordnance, a Guide for the Construction Industry' and should be the first step of any UXO Risk Management Plan.

The reports are produced by in-house researchers and experienced UXO specialists. They are non-automated and bespoke to your specific project.

Each risk assessment makes use of our extensive historical archives, library, internet resources and unique UXO geo-databases which include datasets not available in the public domain.

Our reports make use of any data which is available to us in-house or online. If we find that we do not have enough information to fully assess the risk, or we know that additional data would be available which would allow the risk level to be fully qualified, we will recommend that more research is undertaken in the form of a Detailed UXO Risk Assessment.

This does not necessarily mean that the site is at risk, but rather a full assessment cannot be made with the information available, and the report will explain why it is considered that more investigation would be recommended.

A Preliminary UXO Risk Assessment costs £150 (Inc. VAT), we usually produce the report in 1-2 working days and can also provide an Express service if required.



What is included in the report?

- Basic site data, site history and land use
- Previous military use
- Indicators of potential aerial delivered UXO threat
- Assessment of bomb density, bomb damage and frequency of access
- Consideration of any mitigating factors
- Extent and nature of proposed intrusive works
- Requirement for additional research or risk mitigation works