



5th February 2024

UXO VERIFICATION REPORT – 2 HEYROD STREET, MANCHESTER

Background

1st Line Defence Ltd is a UK-based unexploded ordnance (UXO) risk mitigation company, specialising in the assessment of UXO risk, and the provision of services to reduce and mitigate that risk where necessary.

In September 2020, 1st Line Defence was commissioned by Curtins Consulting to produce a Detailed UXO Risk Assessment for proposed intrusive works at 2 Heyrod Street, Manchester. This report was completed on 13th October 2020 (ref DA11957-00). Research for the report included accessing and analysing evidence from a variety of historical sources, which allowed for the consideration of factors such as WWII bomb density, frequency of access, ground cover, site use and damage.

Assessed Risk Level

The report concluded that the overall risk from UXO (both German air-delivered bombs, and British UXO) at the site was '**Low**'. Proactive on-site UXO Support/Clearance was not deemed necessary.

The report was undertaken with due diligence, and all reasonable care was taken to access and analyse relevant historical information. By necessity, when dealing historical evidence, and when making assessments of UXO risk, various assumptions have to be made which were discussed and justified throughout the report. The report took a common-sense and practical approach to the assessment of risk, and strived to be reasonable and pragmatic in its conclusions.

UXO Risk Mitigation Recommendations

The report noted that while the assessed risk was 'low', there was not 'no risk' of UXO contamination. It was therefore recommended that a UXO Risk Management Plan be put together for the site (to refer to in the event that a suspect item was encountered during ground works), and that Site Specific UXO Safety and Awareness Briefings to ground personnel be provided (to make workers aware of what to look out for and what to do in the event that a suspect item was encountered).

UXO Risk Mitigation Actions

Utilising a template provided by 1st Line Defence, JRL Midgard Ltd compiled a UXO Risk Management Plan for the site which included

- Site/Project Information
- Summary of UXO Risk Assessment
- Summary of UXO Risk Mitigation Measures undertaken
- Details of nominated on-site UXO Coordinators
- Details of how workers, visitors and subcontractors were made aware of UXO risk
- Lines of communication in emergency
- Evacuation planning.

A UXO Safety and Awareness Briefing was provided to Midgard personnel by a 1st Line Defence UXO Specialist on the 28th September 2021.

The project is nearing completion, and it the understanding of 1st Line Defence that no items of UXO were encountered during intrusive works on site.

UXO Risk Verification Statement

It is the consideration of 1st Line Defence Ltd that the risk on site from UXO has been reduced to as low as reasonably practicable (ALARP) in line with CIRIA C681 guidelines.

Should additional significant intrusive ground works be proposed in the future, it is recommended that UXO safety and awareness briefings be provided as a precaution, and that an updated UXO Risk Management Plan be compiled. If no intrusive works are planned, no action is deemed necessary.

1st Line Defence Ltd

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