
**STANDARD OPERATING PROCEDURES FOR UXO CONSTRUCTION
SUPPORT DURING AOC-55 REMEDIAL ACTIONS AT CAMP STANLEY
STORAGE ACTIVITY, BOERNE, TEXAS**

**SECTION 1
INTRODUCTION**

1.1

This SOP describes the anomaly avoidance and UXO support procedures during construction and excavation activities at Area of Concern (AOC) -55, Camp Stanley Storage Activity. While the probability of encountering UXO is low, one of the primary purposes of the excavations is to establish that no UXO exists within the anomalies identified during the geophysical investigation at AOC-55. A UXO team, with UXOSO safety oversight, will therefore perform construction support activities at AOC-55.

1. REGULATIONS

The following regulations, and documents were used in the SOP preparation:

EP 1110-1-18, Ordnance and Explosive Response, Chapter 23, UXO Support for Construction Activities.

EP 75-1-2, UXO Support During HTRW and Construction Activities, Chapter 6, UXO Support During Construction Activities.

EP 385-1-95a, Basic Safety Concepts and Considerations for OE Operations.

2. RESPONSIBILITIES

2.1 Project Manager. The PM is responsible for providing the necessary resources to complete the project in a safe and timely manner. He/she coordinates with the UXO Safety Officer and UXO Field Team Leader to ensure that all safety precautions are being taken and that work plan procedures are being followed.

2.2 UXO Safety Officer (UXOSO). Responsible for identifying to the PM, the requisite safety equipment and PPE appropriate for UXO team members. The UXOSO will conduct safety oversight of the excavation, construction, and all UXO activities related to this task. He is also tasked with investigating any incidents or accidents relating to explosives or injuries to the UXO team. The

UXOSO has stop work authority for any and all safety related situations, and is responsible for the safety of the other UXO team members and all site personnel as it relates to UXO and safety. The UXOSO will conduct a daily tailgate safety briefing for all site personnel. The UXOSO is also responsible for maintaining a daily log.

- 2.3 **UXO Team Leader (UXO Tech III).** The team leader is responsible for coordinating with the PM, UXOSO, and the equipment operator to plan the UXO teams support and to keep all parties informed of their efforts. The Team Leader is responsible for supervising the UXO team members while conducting visual and magnetometer searches of the spoils from the excavations. The UXO Tech III is a working supervisor.
- 2.4 **UXO Tech II.** The UXO Tech IIs are responsible for supporting the UXO Tech III as directed and acting as a safety observer as required. The UXO Tech IIs will conduct visual and magnetometer searches of the spoils from the excavations.

3. OPERATIONS

- 3.1 **UXO Team Composition.** The UXO team will consist of a UXO Tech III, who is the senior member of the team and two UXO Tech IIs. At least two team members must be present on site during intrusive and earth moving activities where UXO has been identified as a hazard.
- 3.2 **Work Schedule.** The UXO personnel will work a 40-hour week unless overtime is approved by the PM. Lunch and breaks will be in accordance with state labor laws.
- 3.3 **UXO Team Procedures.** The UXO team will physically preview the construction footprint with the equipment operator and discuss visual observations and any area of concern. In the event that surface UXO is discovered, the UXO team will place flagging adjacent to the discovery for visual reference, select a course safely around the item and cease operations in the immediate area. If appropriate, cease all operations. The UXO team will assess the condition of the UXO to determine what action is appropriate and the U.S. Army EOD will be notified for any live fired and fuzed ordnance that is discovered. The UXO team shall monitor excavation activities. One member of the team should be positioned to the rear and upwind of the excavation equipment for continuous visual observations

whenever possible. If the excavator unearths or otherwise encounters suspect UXO, all excavation activities in the immediate area will cease.

The UXO team will assess the condition of the UXO to determine if disposal action is required. Once UXO has been encountered in an excavation, no further excavation is allowed at that location until a four foot UXO removal action has been conducted of the area.

4. LOGS, COMMUNICATION AND REPORTING

4.1 Logs. The UXO Tech III is responsible for maintaining a daily log of activities in a bound, sequentially page numbered book listing the following:

Daily start and stop times throughout the day.

Weather conditions.

Any significant events affecting safety and operations.

Significant discussions with the Parsons PM. Any UXO discoveries, listing the location, nomenclature, condition, depth and disposition.

4.2 Communication. At a minimum, cell phone communications will be available on the site. The UXO Tech III, UXOSO and equipment operators will establish visual communications through predetermined hand signals if two-way radio communications are not available. The PM will provide the UXOSO with a list of emergency contact information and a map to the nearest hospital.

4.3 Incident Reporting. In case of an accident or injury, the UXOSO will report immediately to the PM, and will follow up with Parsons OE management personnel. The contact numbers for these persons are provided below.

Name	Position	Phone Number(s)
Ken Rice	Project Manager	(512) 719-6050 Office (512) 497-0075 Cell.
Michael Short	OE Operations Manager	(626) 440-3115 Office (626) 379-3558 Cell
Neil Feist	Deputy, OE Operations Manager	(626) 440-4045 Office (909) 917-5833 Cell