

*****AMDT 0003*****

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SECTION 02 81 33.00 06

NESHAPs/PRE-DEMOLITION HAZARDOUS MATERIAL SURVEY

01/12

PART 1 GENERAL

The contractor shall perform a survey to satisfy the National Emission Standards for Hazardous Air Pollutants (NESHAPs) requirements to inspect buildings being demolished for Asbestos Containing Materials (ACMs) in accordance with 40 CFR 61. Additionally, the contractor shall survey the areas for the presence of hazardous materials including Universal Wastes (batteries, pesticides, Mercury Containing Equipment and bulbs) as defined by 40 CFR 273.

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

US ARMY CORPS OF ENGINEERS (USACE)
EM 385-1-1 (2008) Safety and Health Requirements Manual

CODE OF FEDERAL REGULATIONS (CFR) PUBLICATIONS
29 CFR 1926.1101 Asbestos Standard for Construction Industry

40 CFR 61 National Emissions Standards for Hazardous Air Pollutants

40 CFR 273 Standards for Universal Waste Management

40 CFR 763 Asbestos

1.2 SUBMITTALS

The following shall be submitted in accordance with Section 01 33H 00 SUBMITTALS to and approved by the Contracting Officer.

Testing Results, G, RE. A copy of the testing results shall be provided to the Contracting Officer and to Fort Campbell DPW, Environmental Compliance Branch, POC Wayne Bricker, TSCA Program Manager, 270-798-9604.

Final Report, G, RE. A copy of the report shall be provided to the Contracting Officer and to Fort Campbell DPW, Environmental Compliance Branch, POC Wayne Bricker, TSCA Program Manager, 270-798-9604.

1.3 DESCRIPTION OF WORK

The contractor shall perform the following services in accordance with all applicable Federal, State, and local regulations and in accordance with the US Army Corps of Engineers Safety Manual EM 385-1-1.

PART 3 EXECUTION

3.1 Pre-Demolition Hazardous Material Survey

The contractor shall perform a site investigation to determine the locations and quantities of regulated asbestos containing materials (RACMs) as defined in the NESHAPs standard and the Fort Campbell Technical Design Guide (see Specification 02 82 33.00 06, para. 1.3.43). The survey must also provide quantities of Category I and Category II nonfriable materials, which are considered RACM by the Fort Campbell Technical Design Guide. The condition of all RACMs will need to be noted. Locations of RACMs and photographs indicating sampled locations will be required. Suspect Asbestos Containing Materials sampled in buildings that are currently occupied will need to undergo repair to minimize potential of fiber releases. The survey will be performed as per AHERA requirements with regards to quantities of samples for homogenous areas.

3.2. Samples

All asbestos bulk samples will be sent to a National Voluntary Laboratory Asbestos Program (NVLAP) accredited laboratory for analysis using Polarized Light Microscopy (PLM) coupled with dispersion staining as outlined in Appendix A, Subpart F of EPA 40 CFR 763 to determine the type and percentage of asbestos present.

3.3. Report of Findings

At the completion of the survey, a report will be submitted that presents the findings. The draft and final reports shall contain the following:

- (1) Quantities and conditions of identified RACMs.
- (2) Photographs and locations of identified RACMs.
- (3) A copy of the laboratory analysis for each bulk sample collected. Include the date of each sample analysis and appropriate chain-of-custody sheets.
- (4) Specific recommendations in accordance with Federal, State, and local regulations.
- (5) Copies of state licensing for each accredited inspector utilized along with expiration dates of their training accreditation and licensing.
- (6) Inventory of hazardous materials/universal waste encountered in the survey.

Fort Campbell - Sustainment Brigade TEMFs - 321601

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