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An American National Standard

Standard Guide for Sample Selection of Debris Waste from a Building Renovation or Lead Abatement Project for Toxicity Characteristic Leaching Procedure (TCLP) Testing for Leachable Lead (Pb)¹

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1. Scope

1.1 This guide describes a method for selecting samples of building components coated with paints suspected of containing lead. The samples are collected from the debris waste stream created during demolition, renovation, or lead hazard control, or abatement projects. The lead toxicity of samples are subsequently analyzed in the waste then is determined by analysis of the leachate resulting from use of the Toxicity Characteristic Leaching Procedure (TCLP).

~~1.2 This guide is intended laboratory for use to sample lead.~~

~~1.1.1 The debris waste created by renovation or lead abatement projects in and around buildings and related structures stream is assumed to determine the lead (Pb) toxicity of the waste.~~

~~1.3 This have more than one painted component, for example, metal doors, wood doors, and wood window trim.~~

1.2 This guide is intended for use when sampling to test for lead (Pb) only and does not include sampling considerations for other toxic metals or for toxic organic compounds. This guide also does not include consideration of sampling for determination of other possible hazardous characteristics of the waste.

1.43 This guide assumes that the individual component types comprising the debris waste stream are at least partially segregated and that the volume of each type of component in the debris waste stream may be ~~viewed easily.~~

~~1.5 estimated.~~

1.4 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. Referenced Documents

2.1 ASTM Standards:

D 4840 Practice for Sampling Chain of Custody Procedures²

¹ This guide is under the jurisdiction of ASTM Committee E-6 E06 on Building Performance and is the direct responsibility of E06.23 on Abatement of Hazards from Lead in Buildings and Related Structures

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