ANSI/ASSE A10.49-2015 – BACKGROUND MATERIALS
Control of Chemical Health Hazards

Title: ANSI/ASSE A10.49-2015 American National Standard - Control of Chemical Health Hazards in Construction and Demolition Operations (Part of the ANSI/ASSE A10 ASC Committee for Construction and Demolition Operations)

Previous Versions: This is a new standard.

Standard Approval Date of Final Action: 4/15/2015 Standards Action Publication Date: 4/24/2015


Scope and Background Materials

1. GENERAL

1.1 Scope. This standard establishes the minimum requirements for controlling health risks from chemicals and toxic substances used or encountered in construction and demolition operations. It establishes procedures for identifying and evaluating chemical hazards and exposures, and for selecting and using appropriate controls and practices to reduce health risks.

1.2 Purpose. The objective of this standard is to reduce the risk to workers of adverse occupational health effects from exposure to chemicals and toxic substances in construction and demolition operations.

1.3 Application. This standard is applicable to construction owners, project constructors, contractors and workers.
1.4 Exceptions. This standard does not cover:

- non-work-related health hazards;
- hazardous waste health hazards;
- Chemical physical hazards (unstable, reactive, flammable, explosive as defined by the Occupational Safety and Health Administration (OSHA) in 29 CFR 1910.1200(c));
- biological hazards;
- ergonomic hazards;
- physical hazards (radiation, magnetic fields, noise, pressure or temperature extremes);
- indoor air quality;
- psychological hazards (stress, workplace violence);
- safety hazards; or
- those addressed by specific ANSI/ASSE A10 American National Standards.

2. REFERENCED STANDARDS

The ANSI/ASSE A10 standards series (as seen in the preface) contain information important to workplace safety and health, including, among others:


5.1 Evaluate Chemical Use Tasks (Step 1) ................................. 20
5.2 Evaluate Contaminant Generating Tasks (Step 2) ................... 22
5.3 Plan the Use of Controls to Address Hazards & Exposures (Step 3)

6. Implementation and Ongoing Assessment .................................. 26
6.1 Checks for Changed Conditions that Could Affect Exposure
    Potential or Hazard Potential ........................................... 26
6.2 Checks on Effectiveness of Controls ...................................... 27
6.3 Exposure Assessments ..................................................... 28

Appendices ........................................................................... 30

Links and information related to ANSI/ASSE American National Standards

- Official Memorandum of Understanding Between OSHA & ANSI
- Office of Management & Budget Circular OMB-A119
- Safeguarding: Are ANSI Standards Really Voluntary?
- Standards History Article
- Position Statement on Consensus Standards
- What’s the Difference Between an OSHA Rule and an ANSI Standard?

Examples of Recognition

Please note this is a new standard, and is not yet cited/recognized. However, we believe citation
and recognition will take place now that the standard has been published.
