
Special Specification 5132

Lead Containing Coating Management



1. DESCRIPTION

Implement worker protections or engineering and work practice controls as needed to minimize worker risk of lead exposure when torch-cutting, heating, welding, or grinding metal components with lead-containing coatings. Comply with all applicable OSHA requirements including OSHA Standards and Interpretations, 29 CFR Part 1926.62 "Lead in Construction" and 29 CFR Part 1926.134 "Respiratory Protection", as well as all other applicable Local, State, and Federal regulatory requirements.

When practical, use mechanical methods (unbolting, mechanical shearing) to dismantle painted steel structural components. Where torch cutting, welding, burning, or grinding must be performed on steel components with lead-containing coatings, stripping back of lead paint at the affected areas may be used as a work practice control to minimize employee exposure to lead fumes.

2. QUALIFICATIONS

Provide qualified personnel or subcontractors to perform lead paint mitigation work. Qualified personnel include those that are licensed, registered, or accredited by the Texas Department of State Health Services (DSHS) and insured for the appropriate lead-containing coating abatement activity, or personnel working under current, written Lead Compliance and Training Programs meeting the requirements specified in OSHA Standards and Interpretations, 29 CFR Part 1926.62 "Lead in Construction".

3. CONSTRUCTION

When stripping back of lead-containing coatings is required, include paint-stripping procedures in the project Demolition Plan or in a separate Lead Paint Removal Work Plan. Use qualified personnel or subcontractors, as specified, to strip back lead paint as described in the plan or as directed.

Perform paint stripping work in accordance with the recommended procedures for stripping back lead-based paint found in the OSHA Technical Manual, Section V: Chapter 3 – Controlling Lead Exposure in the Construction Industry, under work practice controls for welding, burning, and torch-cutting, or use an equivalent OSHA compliant method.

The Contractor must store all coating removal wastes in approved, secured, and leak-proof containers following completion of each work shift. Upon completion of the abatement activities, the Contractor must properly characterize the waste materials for transportation and disposal at an appropriate disposal facility. The Department, or the contractor performing the removal work, may sign as the Generator of the waste material produced by this item.

4. MEASUREMENT

This Item will be measured as outlined below for lead-containing paint mitigation:

- per strip abatement location, when stripping back of lead paint is used to mitigate lead hazards;
- lump sum item (Lead Paint Management) when other methods are used to mitigate lead hazards.

5. PAYMENT

The work performed and materials furnished, in accordance with this Item and measured as provided under "Measurement," will be paid for at the unit price bid for "Lead Containing Coating Mitigation" of the type specified. This price is full compensation for developing the removal or abatement plan, containment systems, collection systems, equipment, labor, transportation, disposal of waste materials, safety equipment, and incidentals.