

Appendix A:

Definition: An Ordered Demolition means a demolition of a structure that is known to have, or suspected of having, asbestos containing material (acm) and is deemed to be structurally unsound and in danger of imminent collapse under an order of a State or local government agency. The acm is not removed prior to demolition and all resultant building debris and rubble are removed and treated as contaminated with asbestos.

The entire structure shall be adequately pre-wetted with amended water (water with a wetting agent added) between 12 to 8 hours prior to starting demolition and wetted with amended water during the entire demolition process.

Controls: Amended water sprays, (e.g. a fire hose with ball valve and fogging attachment) shall be the primary means of emission control. In addition, site security, e.g. fencing and gates, sometimes security personnel, temporary covering of waste, on-site decontamination of personnel and equipment, and air monitoring may be required. Personnel requirements include worker training and the use of personal protective equipment. Dust generated and water runoff shall be controlled so that they do not leave the project area that is demarcated by asbestos warning signs and tape.

Regulatory Requirements: Compliance with Saint Louis County Air Pollution Control Code Section 612.530, 10 CSR 10-6.080, 6.241 and 40 CFR Subpart M 61.145 is required. A thorough inspection to identify all asbestos containing materials (waived if an unsafe structure ordered to be demolished) prior to demolition is required. Salvage activity requires written approval by Saint Louis County Department of Health/Air Pollution Control Section prior to commencement. All waste generated by the demolition activity shall be disposed at a sanitary landfill licensed to accept asbestos. Two layers of 6 mil poly sheeting shall be used to line the truck trailers or boxes. Workers inside the warning tape at the perimeter of the project and those handling waste in the truck trailer or boxes shall be Missouri Certified Asbestos Workers or Supervisors and shall be in disposable clothing and don respirators. The contractor performing the work shall be a Missouri-licensed Asbestos Contractor.

Runoff water shall be collected and filtered as required by Section 612.530 or may be collected and absorbed by the demolition materials to be handled as acm. No runoff is allowed to exit the perimeter of the demarcated project area without filtration.

The structure shall be demolished, the site cleaned of demolition debris and the demolition debris loaded and removed from the site on the same day work commences.