



Contact the DAQ Asbestos Program

Telephone: 801-536-4000

Email: asbestos@utah.gov

Website: asbestos.utah.gov

Online Form Submission Portal: asbestos-lead.utah.gov

Address: Utah Division of Air Quality
195 North 1950 West, 4th Floor
Salt Lake City, UT 84116

Utah Asbestos Rule (UAC R307-801)

R307. Environmental Quality, Air Quality.

R307-801. Utah Asbestos Rule.

R307-801-1. Purpose and Authority.

This rule establishes procedures and requirements for asbestos abatement or renovation projects and training programs, procedures and requirements for the certification of persons and companies engaged in asbestos abatement or renovation projects, and work practice standards for performing such projects. This rule is promulgated under the authority of Utah Code Annotated 19-2-104(1)(d), (3)(a)(iii), (3)(b)(iv)(A), (B), and (C), (3)(b)(v), (6)(a), and (6)(b). Penalties are authorized by Utah Code Annotated 19-2-115. Fees are authorized by Utah Code Annotated 19-1-201(2)(i).

R307-801-2. Applicability and General Provisions.

(1) Applicability.

(a) The following persons are operators and are subject to the requirements of R307-801:

(i) Persons who contract for hire to conduct asbestos abatement, renovation, or demolition projects in regulated facilities;

(ii) Persons who conduct asbestos abatement, renovation, or demolition projects in areas where the general public has unrestrained access;

(iii) Persons who conduct asbestos abatement, renovation, or demolition projects in school buildings subject to AHERA or who conduct asbestos inspections in facilities subject to TSCA Title II; or

(iv) Persons who perform regulated work activities or renovation projects in single or multifamily residential structures where they do not live or intend to live immediately after the regulated work activity or renovation project is complete.

(b) The following persons are subject to certification requirements:

(i) Persons required by TSCA Title II or R307-801 to be accredited as inspectors, management planners, project designers, renovators, asbestos abatement supervisors, or asbestos abatement workers;

(ii) Persons who work on asbestos abatement projects as asbestos abatement workers, asbestos abatement supervisors, inspectors, project designers, or management planners;

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(iii) Persons who perform regulated work activities or renovation projects in single or multifamily residential structures where they do not live or intend to live immediately after the regulated work activity or project is complete; or

(iv) Companies that conduct asbestos abatement projects, renovation projects, inspections, create project designs, or prepare management plans in regulated facilities.

(c) Homeowners or condominium owners performing renovation or demolition activities in or on their own residential facilities where they live, that are otherwise not subject to the Asbestos NESHAP, are not subject to the requirements of this rule, however, a condominium complex of more than four units is subject to this rule and may also be subject to the Asbestos NESHAP regulation.

(d) Contractors for hire performing renovation or demolition activities are required to follow the inspection provisions of R307-801-9 and R307-801-10 and the notification provisions of R307-801-11 and R307-801-12.

(2) General Provisions.

(a) All persons who are required by R307-801 to obtain an approval, certification, determination, or notification from the director shall obtain it in writing.

(b) Persons wishing to deviate from the certification, notification, work practices, or other requirements of R307-801 may do so only after requesting and obtaining the written approval of the director.

R307-801-3. Definitions.

The following definitions apply to R307-801:

"Adequately Wet" means to sufficiently mix or penetrate with liquid to prevent the release of particulates. If visible emissions are observed coming from asbestos-containing material, then that material is not adequately wet. However, the absence of visible emissions is not sufficient evidence of being adequately wet.

"Amended Water" means a mixture of water and a chemical wetting agent that provides control of asbestos fiber release.

"AHERA" means the federal Asbestos Hazard Emergency Response Act of 1986 and the Environmental Protection Agency implementing regulations, 40 CFR Part 763, Subpart E - Asbestos-Containing Materials in Schools.

"AHERA Facility" means any structure subject to the federal AHERA requirements.

"Asbestos" means the asbestiform varieties of serpentine (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite (amosite), anthophyllite, actinolite-tremolite, and Libby amphibole.

"Asbestos Abatement Project" means any activity involving the removal, repair, demolition, salvage, disposal, cleanup, or other disturbance of regulated asbestos-containing material greater than the small scale short duration (SSSD) amount of asbestos-containing material.

"Asbestos Abatement Supervisor" means a person who is certified according to R307-801-6 and is responsible for ensuring work is conducted in accordance with the regulations and best work practices for asbestos abatement or renovation projects.

"Asbestos Abatement Worker" means a person who is certified according to R307-801-6 and performs asbestos abatement or renovation projects.

"Asbestos-Containing Material (ACM)" means any material containing more than 1% asbestos by the method specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM), or, if the asbestos content is greater than a trace amount of asbestos, but less than 10% asbestos, the asbestos concentration shall be determined by point counting using PLM or any other method acceptable to the director.

"Asbestos-Containing Waste Material (ACWM)" means any waste generated from regulated asbestos-containing material (RACM) that contains any amount of asbestos and is generated by a source subject to the provisions of R307-801. This term includes filters from control devices, friable asbestos-containing waste material, and bags or other similar packaging contaminated with asbestos. As applied to demolition and renovation projects, this term also includes regulated asbestos-containing material waste and materials contaminated with asbestos including disposable equipment and clothing.

"Asbestos Inspection" means any activity undertaken to identify the presence and location, or to assess the condition, of asbestos-containing material or suspected asbestos-containing material, by visual or physical examination, or by collecting samples of the material. This term includes re-inspections of the type described in AHERA, 40 CFR 763.85(b), of known or assumed asbestos-containing material which has been previously identified. The term does not include the following:

(a) Periodic surveillance of the type described in AHERA, 40 CFR 763.92(b), solely for the purpose of recording or reporting a change in the condition of known or assumed asbestos-containing material;

(b) Inspections performed by employees or agents of federal, state, or local government solely for the purpose of regulatory oversight and/or determining compliance with applicable statutes or regulations; or

(c) Visual inspections of the type described in AHERA, 40 CFR 763.90(i), solely for the purpose of determining completion of response actions.

"Asbestos Inspection Report" means a written report as specified in R307-801-10(6) describing an asbestos inspection performed by a certified asbestos inspector.

"Asbestos NESHAP" means the National Emission Standards for Hazardous Air Pollutants, 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos.

"Asbestos Removal" means the stripping of friable ACM from regulated facility components or the removal of structural components that contain or are covered with friable ACM from a regulated facility.

"Category I Non-Friable Asbestos-Containing Material" means asbestos-containing packings, gaskets, resilient floor coverings, or asphalt roofing products containing more than 1% asbestos as determined by using the method specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM).

"Category II Non-Friable Asbestos-Containing Material" means any material, excluding Category I non-friable ACM, containing more than 1% asbestos as determined by using the methods specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM) that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

"Condominium" means a building or complex of buildings in which units of property are owned by individuals and common parts of the property, such as the grounds, common areas, and building structure, are owned jointly by the condominium unit owners.

"Containerized" means sealed in a leak-tight and durable container.

"Debris" means friable or regulated asbestos-containing material that has been dislodged and has fallen from its original substrate and position or which has fallen while remaining attached to substrate sections or fragments.

"Demolition Project" means the wrecking, salvage, or removal of any load-supporting structural member of a regulated facility together with any related handling operations, or the intentional burning of any regulated facility. This includes the moving of an entire building, but excludes the moving of structures, vehicles, or equipment with permanently attached axles, such as trailers, motor homes, and mobile homes that are specifically designed to be moved.

"Director" means the Director of the Utah Division of Air Quality.

"Disturb" means to disrupt the matrix, crumble, pulverize, or generate visible debris from ACM or RACM.

"Emergency Abatement or Renovation Project" means any asbestos abatement or renovation project which was not planned and results from a sudden, unexpected event that, if not immediately attended to, presents a safety or public health hazard, is necessary to protect equipment from damage, or is necessary to avoid imposing an unreasonable financial burden as determined by the director. This term includes operations necessitated by non-routine failure of equipment, natural disasters, fire, or flooding, but does not include situations caused by the lack of planning.

"Encapsulant" means a permanent coating applied to the surface of friable ACM for the purpose of preventing the release of asbestos fibers. The encapsulant creates a membrane over the surface (bridging encapsulant) or penetrates the material and binds its components together (penetrating encapsulant).

"Friable Asbestos-Containing Material" means any asbestos-containing material that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

"Glove bag" means an impervious plastic bag-like enclosure, not to exceed 60 x 60 inches, affixed around an asbestos-containing material, with glove-like appendages through which material and tools may be handled.

"General Building Remodeling Activities" means the alteration in any way of one or more regulated structure components, excluding asbestos abatement, renovation, and demolition projects.

"Government Official" means an engineer, building official, or health officer employed by a governmental jurisdiction that has a responsibility for public safety or health in the jurisdiction where the structure is located.

"High-Efficiency Particulate Air (HEPA)" means a filtration system capable of trapping and retaining at least 99.97% of all mono-dispersed particles 0.3 micron in diameter.

"Inaccessible" means in a physically restricted or obstructed area, or covered in such a way that detection or removal is prevented or severely hampered.

"Inspector" means a person who is certified according to R307-801-6, conducts asbestos inspections, or oversees the preparation of asbestos inspection reports.

"Libby Amphibole" means loose-fill vermiculite type insulation material originating in Libby, Montana, or elsewhere, used in regulated facilities subject to this rule and has greater than 1% asbestiform varieties of serpentine (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite (amosite), anthophyllite, and actinolite-tremolite, as defined earlier in this section, and winchite, richterite, tremolite, magnesio-riebeckite, magnesio-arfvedsonite, and edenite

using United States Environmental Protection Agency Method EPA/600/R93/116 or other method as approved by the director.

"Management Plan" means a document that meets the requirements of AHERA for management plans for asbestos in schools.

"Management Planner" means a person who is certified according to R307-801-6 and oversees the preparation of management plans for school buildings subject to AHERA.

"Model Accreditation Plan (MAP)" means 40 CFR Part 763, Subpart E, Appendix C, Asbestos Model Accreditation Plan.

"NESHAP Amount" means combined amounts in a project that total:

- (a) 260 linear feet (80 linear meters) of pipe covered with RACM;
- (b) 160 square feet (15 square meters) of RACM used to cover or coat any duct, boiler, tank, reactor, turbine, equipment, structural member, or regulated facility component; or
- (c) 35 cubic feet (one cubic meter) of RACM removed from regulated facility structural members or components where the length and area could not be measured previously.

"NESHAP Facility" means any institutional, commercial, public, industrial, or residential structure, installation, or building, (including any structure, installation, or building containing condominiums or individual dwelling units operated as a residential co-operative, but excluding residential buildings having four or fewer dwelling units); any ship; and any active or inactive waste disposal site. For purposes of this definition, any building, structure, or installation that contains a loft used as a dwelling is not considered a residential structure, installation, or building. Any structure, installation, or building that was previously subject to the Asbestos NESHAP is not excluded, regardless of its current use or function.

"NESHAP-Sized Project" means any project that involves at least the NESHAP amount of ACM.

"Non-Friable Asbestos-Containing Material" means any material containing more than 1% asbestos, as determined using the methods specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM), that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

"Open Top Catch Bag" means either an asbestos waste bag or six mil polyethylene sheeting which is sealed at both ends and used by certified asbestos abatement workers, in a manner not to disturb the matrix of the asbestos-containing material, to collect preformed RACM pipe insulation in either a crawl space or pipe chase less than six feet high or less than three feet wide.

"Phased Project" means either an asbestos abatement, renovation, or demolition project that contains multiple start and stop dates corresponding to separate operations or areas where the entire asbestos abatement, renovation, or demolition project cannot or will not be performed continuously.

"Preformed RACM Pipe Insulation" means prefabricated asbestos-containing thermal system insulation on pipes formed in sections that can be removed without disturbing the matrix of the asbestos-containing material.

"Project Designer" means a person who is certified according to R307-801-6 and prepares a design for an asbestos abatement project in school buildings subject to AHERA or prepares an asbestos clean-up plan in a regulated facility where an asbestos disturbance greater than the SSSD amount has occurred.

"Regulated Asbestos-Containing Material (RACM)" means friable ACM, Category I non-friable ACM that has become friable, Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation project operations.

"Regulated Facilities" means residential facilities, AHERA facilities, or NESHAP facilities where:

- (a) A sample has been identified and analyzed to contain, or is assumed under R307-801-10(5) to contain, greater than 1% asbestos; and
- (b) The material from where the sample was collected will be disturbed and rendered friable during the abatement, demolition, or renovation activities.

"Regulated Facility Component" means any part of a regulated facility including equipment.

"Renovation Project" means any activity involving the removal, repair, salvage, disposal, cleanup, or other disturbance of greater than the SSSD amount of RACM, but less than the NESHAP amount of RACM, and the intent of the project is not asbestos abatement or demolition. Renovation Projects can be performed in NESHAP or residential facilities, but cannot be performed in AHERA facilities.

"Renovator" means a person who is certified according to R307-801-6 and is responsible for ensuring work that is conducted on a renovation project is performed in accordance with the regulatory requirements and best work practices for a greater than the SSSD amount of RACM, but less than the NESHAP amount of RACM, where the intent

of the project is to perform a renovation project and not to perform an asbestos abatement or demolition project. Renovation projects can be performed in NESHAP or residential facilities but cannot be performed in AHERA facilities.

"Residential Facility" means a building used primarily for residential purposes, has four or fewer units, is otherwise not subject to the Asbestos NESHAP, and is not a residential outbuilding structure of less than 100 square feet.

"Small-Scale, Short-Duration (SSSD)" means a project that removes or disturbs less than three square feet or three linear feet of RACM in a regulated facility.

"Sprayed-on or Painted-on Ceiling Treatment" means a surfacing material or treatment that has been applied to the ceiling regardless of application method. The application of paint that has no added materials is not considered a ceiling treatment.

"Strip" means to take off ACM from any part of a regulated facility or a regulated facility component.

"Structural Member" means any load-supporting member of a regulated facility, such as beams and load-supporting walls or any non-load supporting member, such as ceilings and non-load supporting walls.

"Suspect or Suspected Asbestos-Containing Material" means all building materials that have the potential to contain asbestos, except building materials made entirely of glass, fiberglass, wood, metal, or rubber.

"Training Hour" means at least 50 minutes of actual learning, including, but not limited to, time devoted to lecture, learning activities, small group activities, demonstrations, evaluations, and hands-on experience.

"TSCA" means the Toxic Substances Control Act.

"TSCA Accreditation" means successful completion of training as an inspector, management planner, project designer, contractor-supervisor, or worker, as specified in the TSCA Title II.

"TSCA Title II" means 15 U.S.C. 2601 et seq., Toxic Substances Control Act, Subchapter II - Asbestos Hazard Emergency Response.

"Unrestrained Access" means without fences, closed doors, personnel, or any other method intended to restrict public entry.

"Waste Generator" means any owner or operator of an asbestos abatement or renovation project covered by R307-801 whose act or process produces ACWM.

"Working Day" means weekdays, Monday through Friday, including holidays.

R307-801-4. Adoption and Incorporation of 40 CFR 763 Subpart E.

(1) The provisions of 40 CFR 763 Subpart E, including appendices, effective as of the date referenced in R307-101-3, are hereby adopted and incorporated by reference.

(2) Implementation of the provisions of 40 CFR Part 763, Subpart E, except for the Model Accreditation Plan, shall be limited to those provisions for which the EPA has waived its requirements in accordance with 40 CFR 763.98, Waiver; delegation to State, as published at 52 FR 41826, (October 30, 1987).

R307-801-5. Company Certification.

(1) All persons shall operate under:

(a) An asbestos company certification before contracting for hire, at a regulated facility, to conduct asbestos inspections, create management plans, create project designs, or conduct asbestos abatement projects, or

(b) Either an asbestos renovation company certification or asbestos company certification before contracting for hire to conduct asbestos abatement or renovation projects at a regulated facility.

(2) To obtain an asbestos company certification or an asbestos renovation company certification, all persons shall submit a properly completed application for certification on a form provided by the director and pay the appropriate fee.

(3) Unless revoked or suspended, an asbestos company certification or an asbestos renovation company certification shall remain in effect until the expiration date provided by the director.

R307-801-6. Individual Certification.

(1) All persons shall have an individual certification to conduct asbestos inspections, create management plans, create project designs, conduct asbestos renovation projects, or conduct asbestos abatement projects at a regulated facility.

(2) To obtain certification as an asbestos abatement worker, asbestos abatement supervisor, inspector, project designer, renovator, or management planner, each person shall:

(a) Provide personal identifying information;

(b) Pay the appropriate fee;

- (c) Complete the appropriate form or forms provided by the director;
 - (d) Provide certificates of initial and current refresher training, if applicable, that demonstrates accreditation in the appropriate discipline. Certificates from courses approved by the director, courses approved in a state that has an accreditation program that meets the TSCA Title II Appendix C Model Accreditation Plan (MAP), or courses that are approved by EPA under TSCA Title II are acceptable unless the director has determined that the course does not meet the requirements of TSCA accreditation training required by R307-801; and
 - (e) Complete a new initial training course as required by the AHERA MAP, or for the renovator certification, R307-801, if there is a period of more than one year from the previous initial or refresher training certificate expiration date.
- (3) Duration and Renewal of Certification.
- (a) Unless revoked or suspended, a certification shall remain in effect until the expiration date of the current certificate of TSCA accreditation for the specific discipline.
 - (b) To renew certification, the individual shall:
 - (i) Submit a properly completed application for renewal on a form provided by the director;
 - (ii) Submit a current certificate of TSCA accreditation, or for the renovator certification, a training certificate from a renovator course accredited by the director, for initial or refresher training in the appropriate discipline; and
 - (iii) Pay the appropriate fee.

R307-801-7. Denial and Cause for Suspension and Revocation of Company and Individual Certifications.

- (1) An application for certification may be denied if the individual, applicant company, or any principal officer of the applicant company has a documented history of non-compliance with the requirements, procedures, or standards established by R307-801, R307-214-1, which incorporates the Asbestos NESHAP, AHERA, or with the requirements of any other entity regulating asbestos activities and training programs.
- (2) The director may revoke or suspend any certification based upon documented violations of any requirement of R307-801, AHERA, or the Asbestos NESHAP, including but not limited to:
 - (a) Falsifying or knowingly omitting information in any written submittal required by those regulations;
 - (b) Permitting the duplication or use of a certificate of TSCA accreditation for the purpose of preparing a falsified written submittal; or
 - (c) Repeated work practice violations.

R307-801-8. Approval of Training Courses.

- (1) To obtain approval of a training course, the course provider shall provide a written application to the director that includes:
 - (a) The name, address, telephone number, and institutional affiliation of the person sponsoring the course;
 - (b) The course curriculum;
 - (c) A letter that clearly indicates how the course meets the Model Accreditation Plan (MAP) and R307-801 requirements for length of training in hours, amount and type of hands-on training, examinations (including length, format, example of examination or questions, and passing scores), and topics covered in the course;
 - (d) A copy of all course materials, including student manuals, instructor notebooks, handouts, etc.;
 - (e) The names and qualifications of all course instructors, including all academic credentials and field experience in asbestos abatement projects, inspections, project designs, management planning, or renovation projects;
 - (f) An example of numbered certificates issued to students who attend the course and pass the examination. The certificate shall include a unique certificate number; the name of the student; the name of the course completed; the dates of the course and the examination; an expiration date one year from the date the student completed the course and examination, or for the purposes of the renovator course, a progressive lengthening of the refresher training schedule of one year after the initial training, three years after the first refresher training, and five years after the second refresher training and all subsequent refresher training courses; the name, address, and telephone number of the training provider that issued the certificate; and a statement that the person receiving the certificate has completed the requisite training for TSCA or director accreditation;
 - (g) A written commitment from the training provider to teach the submitted training course(s) in Utah on a regular basis; and
 - (h) Payment of the appropriate fee.
- (2) To maintain approval of a training course, the course provider shall:
 - (a) Provide training that meets the requirements of R307-801 and the MAP;

- (b) Provide the director with the names, government-issued picture identification card number, and certificate numbers of all persons successfully completing the course within 30 working days of successful completion;
- (c) Keep the records specified for training providers in the MAP for three years;
- (d) Permit the director or authorized representative to attend, evaluate, and monitor any training course without receiving advance notice from the director and without charge to the director; and
- (e) Notify the director of any new course instructor ten working days prior to the day the new instructor presents or teaches any course for Renovator or TSCA Accreditation purposes. The training notification form shall include:
 - (i) The name and qualifications of each course instructor, including appropriate academic credentials and field experience in asbestos abatement projects, inspections, management plans, project designs, or renovations; and
 - (ii) A list of the course(s) or specific topics that will be taught by the instructor.
- (f) Submit the initial or refresher course materials required by R307-801-8(1) to the director for course re-accreditation in a time period not to exceed four years.

(3) All course providers that provide an AHERA or Renovator training course or refresher course in the state of Utah shall:

- (a) Notify the director of the location, date, and time of the course at least ten working days before the first day of the course;
- (b) Update the training notification form as soon as possible before, but no later than one day before the original course date if the course is rescheduled or canceled before the course is held; and
- (c) Allow the director or authorized representative to conduct an audit of any course provided to determine whether the course provider meets the requirements of the MAP and of R307-801.

(4) Renovator Certification Course. The renovator certification course shall be a minimum of eight training hours, with a minimum of two hours devoted to hands-on training activities, and shall include an examination of at least 25 questions that the student shall pass with a 70% or greater proficiency rate. Instruction in the topics described in R307-801-8(4)(c), (d), and (e) shall be included in the hands-on portion of the course. The minimum curriculum requirements for the renovator certification course shall adequately address the following topics:

- (a) The physical characteristics of asbestos and asbestos-containing materials, including identification of asbestos, aerodynamic characteristics, typical uses, physical appearance, a review of hazard assessment considerations, and a summary of renovation project control options;
- (b) Potential health effects related to asbestos exposure, including the nature of asbestos-related diseases, routes of exposure, dose-response relationships and the lack of a safe exposure level, synergism between cigarette smoking and asbestos exposure, and latency period for diseases;
- (c) Personal protective equipment, including selection of respirator and personal protective clothing, and handling of non-disposable clothing;
- (d) State-of-the-art work practices, including proper work practices for renovation projects, including descriptions of proper construction and maintenance of barriers and decontamination enclosure systems, positioning of warning signs, lock-out of electrical and ventilation systems, proper working techniques for minimizing fiber release, use of wet methods, use of negative pressure exhaust ventilation equipment, use of HEPA vacuums, and proper clean-up and disposal procedures and state-of-the-art work practices for removal, encapsulation, enclosure, and repair of ACM, emergency procedures for unplanned releases, potential exposure situations, transport and disposal procedures, and recommended and prohibited work practices. New renovation project techniques and methodologies may be discussed;
- (e) Personal hygiene, including entry and exit procedures for the work area, methods of decontamination, avoidance of eating, drinking, smoking, and chewing (gum or tobacco) in the work area, and methods to limit exposures to family members;
- (f) Medical monitoring, including OSHA requirements for physical examinations, including a pulmonary function test, chest x-rays, and a medical history for each employee;
- (g) Relevant federal and state regulatory requirements, procedures, and standards, including:
 - (i) OSHA standards for permissible exposure to airborne concentrations of asbestos fibers and respiratory protection (29 CFR 1910.134);
 - (ii) OSHA Asbestos Construction Standard (29 CFR 1926.1101); and
 - (iii) UAC R307-801 Utah Asbestos Rule.
- (h) Recordkeeping and notification requirements for renovation projects including records and project notification forms required by state regulations and records recommended for legal and insurance purposes;
- (i) Supervisory techniques for renovation projects, including supervisory practices to enforce and reinforce the required work practices and discourage unsafe work practices; and

(j) Course review, including a review of key aspects of the training course.

(5) Renovator Recertification Course. The renovator recertification course shall be a minimum of four hours, shall adequately address changes in the federal regulations, state administrative rules, state-of-the-art developments, appropriate work practices, employee personal protective equipment, recordkeeping, and notification requirements for renovation projects, and shall include a course review.

R307-801-9. Asbestos Abatement, Renovation, and Demolition Projects: Requirement to Inspect.

(1) Applicability. Contractors are required to have an asbestos inspection performed by a Utah certified asbestos inspector working for a Utah certified asbestos company. The asbestos inspection report shall be on-site and available when regulated work activities are being performed. Owners of residential structures including condominium owners of four units or less, not otherwise subject to the Asbestos NESHAP, are not required to perform asbestos inspections. Owners of a condominium complex of more than four units are subject to R307-801, may also be subject to the Asbestos NESHAP, but are required to perform asbestos inspections.

(2) Except as described in R307-801-9(1) and 9(3), the owner and operator shall ensure that the regulated facility to be demolished, abated, or renovated is thoroughly inspected for asbestos-containing material by an inspector certified under the provisions of R307-801-6. An asbestos inspection report shall be generated according to the provisions of R307-801-10 and completed prior to the start of the asbestos abatement, renovation, or demolition project if materials required to be identified in R307-801-10(3) will be disturbed during that project. The operator shall make the asbestos inspection report available on-site to all persons who have access to the site for the duration of the renovation, abatement, or demolition project, and to the director or authorized representative upon request.

(3) If the regulated facility has been ordered to be demolished because it is found by a government official to be structurally unsound and in danger of imminent collapse or a public health hazard, the operator may demolish the regulated facility without having the regulated facility inspected for asbestos. If no asbestos inspection is conducted, the operator shall:

(a) Ensure that all resulting demolition project debris is disposed of as asbestos-containing waste material (ACWM) according to R307-801-14; or

(b) reduce the amount of ACWM by segregating the ACWM from non-ACWM debris under the direction of an asbestos inspector certified according to R307-801-6 working for a company certified according to R307-801-5 and clean and encapsulate non-porous debris as non-ACWM by asbestos abatement supervisors or asbestos abatement workers who are certified according to R307-801-6 and working for a company certified according to R307-801-5.

(4) If an asbestos inspection report older than three years will be used for a regulated asbestos renovation, abatement, or demolition activity, the asbestos inspection report shall be reviewed and updated, as necessary, by an inspector who is certified according to R307-801-6 and working for a company certified according to R307-801-5. The report does not need to be reviewed until a time that it will be used for regulatory purposes such as an abatement, renovation, or demolition activity. If the inspection report is still accurate, then the inspector shall provide written documentation stating that the inspection report is still accurate. If the inspection report is not accurate, then the inspector shall provide written documentation, including new sample results, if necessary, such that the inspection report meets all requirements of R307-801.

R307-801-10. Asbestos Abatement, Renovation, and Demolition Projects: Asbestos Inspection Procedures.

Asbestos inspectors shall use the following procedures when conducting an asbestos inspection of facilities to be abated, demolished, or renovated:

(1) Determine the scope of the abatement, demolition, or renovation project by identifying which parts and how the facility will be abated, demolished, or renovated (e.g. conventional demolition methods, fire training, etc.).

(2) Inspect the affected facility or part of the facility where the abatement, demolition, or renovation project will occur.

(3) Identify all accessible suspect asbestos-containing material (ACM) in the affected facility or part of the facility where the abatement, demolition, or renovation project will occur. Residential facilities built on or after January 1, 1981, are only required to identify all accessible sprayed-on or painted-on ceiling treatment that contained or may contain asbestos fiber, asbestos cement siding or roofing materials, resilient flooring products including vinyl asbestos tile, sheet vinyl products, resilient flooring backing material, whether attached or unattached, and mastic, thermal-system insulation or tape on a duct or furnace, or vermiculite type insulation materials in the affected facility or part of the facility where the abatement, demolition, or renovation project will occur.

(4) Follow the sampling protocol in 40 CFR 763.86 (Asbestos-Containing Materials in Schools) or a sampling method approved by the director to demonstrate that suspect ACM required to be identified by R307-801-10(3) does not contain asbestos.

(5) Asbestos samples are not required to be collected and analyzed if the certified inspector assumes that all unsampled suspect ACM required to be identified by R307-801-10(3) contains asbestos and is ACM; and

(6) Complete an asbestos inspection report containing all of the following information in a format approved by the director:

(a) A description of the affected area and a description of the scope of activities as described in R307-801-10(1);

(b) A list of all suspect ACM required to be identified by R307-801-10(3) in the affected area. Include a description of the suspect ACM sufficient to be able to identify the material. For each suspect material required to be identified by R307-801-10(3), provide the following information:

(i) The amount of suspect ACM required to be identified by R307-801-10(3) in linear feet, square feet, or cubic feet;

(ii) A clear description of the distribution of the suspect ACM required to be identified by R307-801-10(3) in the affected area;

(iii) A statement of whether the material was assumed to contain asbestos, sampled and demonstrated to contain asbestos, or sampled and demonstrated to not contain asbestos; and

(iv) A written determination or table of whether the material is regulated asbestos-containing material (RACM), Category I non-friable ACM, Category II non-friable ACM that may or will become friable when subjected to the proposed abatement, renovation, or demolition project activities, or other suspect ACM that has either not been tested and assumed to contain asbestos, or has been tested by an accredited asbestos laboratory and found not to contain asbestos greater than 1%.

(c) A list of all asbestos bulk samples required to be identified from suspect ACM by R307-801-10(3) in the affected area, including the following information for each sample:

(i) Which suspect ACM required to be identified by R307-801-10(3) the sample represents;

(ii) A clear description of each sample location;

(iii) The types of analyses performed on the sample;

(iv) The amounts of each type of asbestos in the sample as indicated by the analytical results.

(d) A list of potential locations of suspect ACM required to be identified by R307-801-10(3) that were not accessible to inspect and that may be part of the affected area; and

(e) A list of all the asbestos inspector names, company names, and certification numbers.

(7) Floor plans or architectural drawings and similar representations may be used to identify the location of suspect ACM or samples required to be identified by R307-801-10(3).

(8) Analysis of samples shall be performed by:

(a) Persons or laboratories accredited by a nationally recognized testing program such as the National Voluntary Laboratory Accreditation Program (NVLAP), or

(b) Persons or laboratories that have been rated overall proficient by demonstrating passing scores for at least two of the last three consecutive rounds out of the four annual rounds of the Bulk Asbestos Proficiency Analytical Testing program administered by the American Industrial Hygiene Association (AIHA) or an equivalent nationally-recognized interlaboratory comparison program.

R307-801-11. Asbestos Abatement, Renovation, and Demolition Projects: Notification and Asbestos Removal Requirements.

(1) Demolition Projects.

(a) The operator shall submit a properly completed demolition notification form at least ten working days before the start of a demolition project along with payment of the appropriate fee. The operator cannot start the demolition project until all regulated asbestos-containing material (RACM) has been properly removed.

(b) If any regulated facility is to be demolished by intentional burning, the operator, in addition to the demolition notification form specified in R307-801-11(1)(a), shall ensure that all ACM, including Category I non-friable asbestos-containing material (ACM), Category II non-friable ACM, and RACM is removed from the regulated facility before burning.

(c) If the regulated facility has been ordered to be demolished by a government official because it is found to be structurally unsound and in danger of imminent collapse or a public health hazard, the operator shall submit a

demolition project notification form, with a copy of the order signed by the appropriate government official, as soon as possible before, but no later than, the next working day after the demolition project begins.

(2) Asbestos Abatement and Renovation Projects.

(a) If the amount of RACM that would be disturbed or rendered inaccessible by the asbestos abatement or renovation project is the SSSD amount, then no additional requirements are necessary prior to general building remodeling activities.

(b) If the amount of RACM that would be disturbed or rendered inaccessible by the asbestos abatement or renovation project is greater than the SSSD amount, but less than the NESHAP amount, then the operator shall:

(i) Submit an asbestos abatement project notification form at least one working day before asbestos removal begins as described in R307-801-12, unless the removal was properly included in an annual asbestos notification form submitted pursuant to R307-801-11(2)(e);

(ii) Remove RACM according to asbestos work practices of R307-801-13, the certification requirements of R307-801-5 and 6, and the disposal requirements of R307-801-14 before performing general building remodeling activities.

(c) If the amount of RACM that would be disturbed or rendered inaccessible by the asbestos abatement project is greater than or equal to the NESHAP amount, then the operator shall:

(i) Submit an asbestos abatement project notification form along with payment of the appropriate fee at least ten working days before asbestos removal begins as described in R307-801-12;

(ii) Remove RACM according to the asbestos work practices of R307-801-13, the certification requirements of R307-801-5 and 6, and the disposal requirements of R307-801-14 before performing general building remodeling activities.

(d) If the asbestos abatement or renovation project is an emergency asbestos abatement or renovation project, then the notification form shall be submitted as soon as possible before, but no later than, the next working day after the emergency asbestos abatement or renovation project begins.

(e) The operator shall submit an annual asbestos notification form along with payment of the appropriate fee according to the requirements of 40 CFR 61.145(a)(4)(iii) no later than ten working days before the first day of January of the year during which the work is to be performed in the following circumstances:

(i) The asbestos abatement projects are unplanned operation and maintenance activities;

(ii) The asbestos abatement projects are less than NESHAP-sized; and

(iii) The total amount of asbestos to be disturbed in a single NESHAP facility during these asbestos abatement projects is expected to exceed the NESHAP amount in a calendar year.

(3) Owners and operators of general building remodeling activities are not required to submit an asbestos abatement project or renovation notification form to the director that do not disturb suspect asbestos containing materials, do not disturb building materials found to contain RACM by an inspector who is certified according to R307-801-6, or do not disturb materials that will become RACM as part of the general building remodeling activities.

(4) For notification purposes, asbestos abatement, renovation, or demolition projects shall be no longer than one year in duration.

(5) Revise the notification form, as necessary, when any information on the original notification or any subsequent notification forms changes.

R307-801-12. Asbestos Abatement, Renovation, and Demolition Projects: Notification Procedures and Contents.

(1) All notification forms required by R307-801-11 shall be submitted in writing on the appropriate form provided by the director and shall be postmarked or received by the director in accordance with R307-801-11, or shall be submitted using the Division of Air Quality electronic notification system and received by the director in accordance with R307-801-11. The type of notification and whether the notification is original or revised shall be indicated.

(2) If the notification is an original demolition project notification form, an original asbestos abatement project notification form for a NESHAP-sized asbestos abatement project, or an original asbestos annual notification form, the written notice shall be sent with an original signature by U.S. Postal Service, commercial delivery service, or hand delivery, or with an electronic signature if submitted using the Division of Air Quality electronic notification system. If the U.S. Postal Service is used, the submission date is the postmark date. If other service or hand delivery is used, the submission date is the date that the document is received by the director. If the Division of Air Quality electronic notification system is used, the submission date is the date that the notification is received by the director.

(3) An original asbestos notification form for a less than NESHAP-sized asbestos abatement or renovation project or any revised notification may be submitted by any of the methods in R307-801-12(2), or by facsimile, by the date specified in R307-801-11. The sender shall ensure that the fax is legible.

(4) All original notification forms shall contain the following information:

- (a) The name, address, and telephone number of the owner of the regulated facility, the general contractor, the demolition contractor, and the asbestos renovation or abatement contractor, if applicable;
- (b) Whether the operation is an asbestos abatement, demolition, or a renovation project;
- (c) A description of the regulated facility that includes the total size of the structure or structures in square feet, including the square footage of all floors in a multilevel or multi-floor structure, the age, the future, present, and prior uses of the facility, including any additional regulated structures affected by the project;
- (d) The names and certification numbers of the inspectors and companies;
- (e) The procedures, including analytical methods, used to inspect for the presence of asbestos-containing material (ACM);
- (f) The location and address, including building number or name and floor or room number, street address, city, county, state, and zip code of each regulated facility being demolished or renovated;
- (g) A description of procedures for handling the discovery of unexpected ACM, Category I non-friable ACM, or Category II non-friable ACM that has or will become friable or regulated;
- (h) A description of planned asbestos abatement, demolition, or renovation project work, including the asbestos abatement, demolition, and renovation project techniques to be used and a description of the affected regulated facility components or structural members; and
- (i) If the project has phases, then provide the date and times of each phase and the location and address of all regulated facilities to be abated, demolished, or renovated.

(5) In addition to the information in R307-801-12(4), an original demolition project notification form shall contain the following information:

- (a) An estimate of the amount of Category I non-friable ACM and non-regulated ACM that will remain in the building during the demolition project;
- (b) The start and stop dates of the demolition project;
- (c) The days that the demolition project will be conducted; and
- (d) If the regulated facility will be demolished under an order of a government official, the name, title, government agency, and authority of the government official ordering the demolition project, the date the order was issued, and the date the demolition project was ordered to commence. A copy of the order shall be attached to the demolition project notification form.

(6) In addition to the information required in R307-801-12(4) and (5), an original demolition project notification form for phased demolition projects shall include:

- (a) The start and stop dates for the entire phased project; and
- (b) The start and stop dates for each phase of the project.

(7) In addition to the information required in R307-801-12(4), (5), and (6), an original asbestos abatement project notification form shall include:

- (a) An estimate of the amount of ACM to be stripped, including which units of measure were used;
- (b) The start and stop dates for asbestos abatement project preparation;
- (c) The times of day for every day that asbestos abatement project will be conducted;
- (d) A description of work practices and engineering controls to be used to prevent emissions of asbestos at the demolition or asbestos abatement project work site;
- (e) The name and location of the waste disposal site where the ACWM will be disposed, including the name and telephone number of the waste disposal site contact;
- (f) The name, address, contact person, and telephone number of the waste transporters; and
- (g) The name, contact person, and telephone number of the waste generator.

(8) If an emergency asbestos abatement or renovation project will be performed, then the notification form shall include the date and hour the emergency occurred, a description of the event and an explanation of how the event has caused unsafe conditions or would cause equipment damage or unreasonable financial burden.

(9) In addition to the information in R307-801-12(4) and (5), an original asbestos abatement project annual notification form shall contain the following information:

- (a) An estimate of the approximate amount of ACM to be stripped, including which units of measure were used, if known;
- (b) The start and stop dates of asbestos abatement project work covered by the annual notification, if known;

(c) A description of work practices and engineering controls to be used to prevent emissions of asbestos at the asbestos abatement project work site;

(d) The name and location of the waste disposal site where the asbestos-containing waste material (ACWM) will be disposed, including the name and telephone number of the waste disposal site contact;

(e) The name, address, contact person, and telephone number of the waste transporters; and

(f) The name, contact person, and telephone number of the waste generator.

(10) A revised notification form shall contain the following information:

(a) The name, address, and telephone number of the owner of the regulated facility, and any demolition, renovation, or asbestos abatement project contractor or contractors working on the project;

(b) Whether the operation is an asbestos abatement, a demolition, or a renovation project;

(c) The date that the original notification form was submitted;

(d) The applicable original start and stop dates for the asbestos abatement, renovation, or demolition project;

(e) The revised start and stop dates and working hours, if applicable, for asbestos abatement, renovation, or demolition projects, for the entire project or for any phase of the project;

(f) The changes in the amount of asbestos to be removed during the project if the asbestos removal amount increases or decreases by more than 20%;

(g) If the previously reported area of the building or buildings to be demolished was inaccurate and needs to be changed, then the demolition notification form shall be revised to include the building area change and any additional fee shall be paid to the Utah Division of Air Quality; and

(h) Any changes to the original or subsequently revised notification form or forms. Describe all changes made to the revised notification form in the comments section of that form.

(11) If the asbestos removal amount is increased in the revised notification form, then the appropriate fee shall be paid to the Utah Division of Air Quality.

(12) If any project phase or an entire NESHAP-sized asbestos abatement, renovation, or demolition project that requires a notification form under R307-801-12(4) will commence on a date or work times other than the date and work times submitted in the original or the most recently revised notification form, the director shall be notified of the new start date and work times by the following deadlines:

(a) If the new start date and work times are later than the original start date and work times, then notice by telephone, fax, or electronic means shall be given as soon as possible before the start date and a revised notification form shall be submitted in accordance with R307-801-12(10) as soon as possible before, but no later than, the original start date. If the written notification form is received by the director no later than the day before the original start date and work times, no notice by telephone is required.

(b) If the new start date is earlier than the original start date, submit a written notice in accordance with R307-801-12(10) at least ten working days before beginning the project.

(c) In no event shall an asbestos abatement, renovation, or demolition project covered by R307-801-12 begin on a date other than the new start date submitted in the revised written notice.

R307-801-13. Asbestos Abatement and Renovation Project: Work Practices.

(1) An asbestos abatement supervisor who has been certified under R307-801-6 shall be on-site during asbestos abatement project setup, asbestos removal, stripping, cleaning and dismantling of the project, and other handling of uncontainerized regulated asbestos-containing material (RACM).

(2) All persons handling any amount of uncontainerized RACM during a regulated project shall be certified as an asbestos abatement worker or an asbestos abatement supervisor certified under R307-801-6.

(3) Persons performing an asbestos abatement or renovation project at a regulated facility shall follow the work practices in R307-801-13. Where the work practices in R307-801-13(3) and (4) are required, wrap and cut, open top catch bags, glove bags, and mini-enclosures may be used in combination with those work practices.

(a) Adequately wet regulated asbestos-containing material (RACM) with amended water before exposing or disturbing it, except when temperatures are continuously below freezing (32 degrees F.), and when all requirements in 40 CFR 61.145(c)(7) are met.

(b) Install barriers and post warning signs to prevent access to the work area. Warning signs shall conform to the specifications of 29 CFR 1926.1101(k)(7).

(c) Keep RACM adequately wet until it is containerized and disposed of in accordance with R307-801-14.

(d) Ensure that RACM that is stripped or removed is promptly containerized.

(e) Prevent visible particulate matter and uncontainerized asbestos-containing debris and waste originating in the work area from being released outside of the negative pressure enclosure or designated work area.

- (f) Filter all waste water to five microns before discharging it to a sanitary sewer.
 - (g) Decontaminate the outside of all persons, equipment, and waste bags so that no visible residue is observed before leaving the work area.
 - (h) Apply encapsulant to RACM that is exposed but not removed during stripping.
 - (i) Clean the work area, drop cloths, and other interior surfaces of the enclosure using a high-efficiency particulate air (HEPA) vacuum and wet cleaning techniques until there is no visible residue before dismantling barriers.
 - (j) After cleaning and before dismantling enclosure barriers, mist all surfaces inside of the enclosure with a penetrating encapsulant designed for that purpose.
 - (k) Handle and dispose of friable asbestos-containing material (ACM) and RACM according to the disposal provisions of R307-801-14.
- (4) All operators of NESHAP-sized asbestos abatement projects shall install a negative pressure enclosure using the following work practices.
- (a) All openings to the work area shall be covered with at least one layer of six mil or thicker polyethylene sheeting sealed with duct tape or an equivalent barrier to air flow.
 - (b) If RACM debris is present in the proposed work area prior to the start of a NESHAP-sized asbestos abatement project, the site shall be prepared by removing the debris using the work practice requirements of R307-801-13 and disposal requirements of R307-801-14. If the total amount of loose visible RACM debris throughout the entire work area is the SSSD amount, then site preparation may begin after the notification form has been submitted and before the end of the ten working day waiting period.
 - (c) A decontamination unit constructed to the specifications of R307-801-13(4)(h) shall be attached to the containment prior to disturbing RACM or commencing a NESHAP-sized asbestos abatement project, and all persons shall enter and leave the negative pressure enclosure or work area only through the decontamination unit except in a life threatening emergency situation.
 - (d) All persons subject to R307-801 shall shower before entering the clean-room of the decontamination unit when exiting the enclosure and shall follow all procedures required by 29 CFR 1926.1101(j)(1)(ii).
 - (e) No materials may be removed from the enclosure or brought into the enclosure through any opening other than a waste load-out or a decontamination unit.
 - (f) The negative pressure enclosure of the work area shall be constructed with the following specifications:
 - (i) Apply at least two layers of six mil or thicker polyethylene sheeting or its equivalent to the floor extending at least one foot up every wall and seal in place with duct tape or its equivalent;
 - (ii) Apply at least two layers of four mil or thicker polyethylene sheeting or its equivalent to the walls without locating seams in wall or floor corners;
 - (iii) Seal all seams with duct tape or its equivalent;
 - (iv) Maintain the integrity of all enclosure barriers; and
 - (v) Where a wall or floor will be removed as part of the NESHAP-sized asbestos abatement project, polyethylene sheeting need not be applied to that regulated facility component or structural member.
 - (g) View ports shall be installed in the enclosure or barriers where feasible, and view ports shall be:
 - (i) At least one foot square;
 - (ii) Made of clear material that is impermeable to the passage of air, such as an acrylic sheet;
 - (iii) Positioned so as to maximize the view of the inside of the enclosure from a position outside the enclosure;
- and
- (iv) Accessible to a person outside of the enclosure.
 - (h) A decontamination unit shall be constructed according to the following specifications:
 - (i) The unit shall be attached to the enclosure or work area;
 - (ii) The decontamination unit shall consist of at least three chambers and meet all regulatory requirements of 29 CFR 1926.1101(j)(1)(i);
 - (iii) The clean room, which is the chamber that opens to the outside, shall be no less than three feet wide by three feet long by six feet high, when feasible;
 - (iv) The shower room, which is the chamber between the clean and dirty rooms, shall have hot and cold or warm running water and be no less than three feet wide by three feet long by six feet high, when feasible;
 - (v) The dirty room, which is the chamber that opens to the negative pressure enclosure or the designated work area, shall be no less than three feet wide by three feet long by six feet high, when feasible;
 - (vi) The dirty room shall be provided with an accessible waste bag at any time that asbestos abatement project is being performed.

(i) A separate waste load-out following the specifications below may be attached to the enclosure for removal of decontaminated waste containers and decontaminated or wrapped tools from the enclosure.

(i) The waste load-out shall consist of at least one chamber constructed of six mil or thicker polyethylene walls and six mil or thicker polyethylene flaps or the equivalent on the outside and inside entrances;

(ii) The waste load-out chamber shall be at least three feet long, three feet high, and three feet wide; and

(iii) The waste load-out supplies shall be sufficient to decontaminate bags, and shall include a water supply with a filtered drain, clean rags, disposable rags or wipes, and clean bags.

(j) Negative air pressure and flow shall be established and maintained within the enclosure by:

(i) Maintaining at least four air changes per hour in the enclosure;

(ii) Routing the exhaust from HEPA filtered ventilation units to the outside of the regulated facility whenever possible;

(iii) Maintaining a minimum of 0.02 column inches of water pressure differential relative to outside pressure;

and

(iv) Maintaining a monitoring device to measure the negative pressure in the enclosure.

(5) In lieu of two layers of polyethylene on the walls and the floors as required by R307-801-13(4)(f)(i) and (ii), the following work practices and controls may be used only under the circumstances described below:

(a) When a pipe insulation removal asbestos abatement project is conducted the following may be used:

(i) Drop cloths extending a distance at least equivalent to the height of the RACM around all RACM to be removed, or extended to a wall and attached with duct tape or equivalent;

(ii) Either the glove bag or wrap and cut methods may be used; and

(iii) RACM shall be adequately wet before wrapping.

(b) When the RACM is scattered ACM and is found in small patches, such as isolated pipe fittings, the following procedures may be used:

(i) Glove bags, mini-enclosures as described in R307-801-13(7)(c), or wrap and cut methods with drop cloths large enough to capture all RACM fragments that fall from the work area may be used.

(ii) If all asbestos disturbance is limited to the inside of negative pressure glove bags or a mini-enclosure, then non-glove bag or non-mini-enclosure building openings need not be sealed and negative pressure need not be maintained in the space outside of the glove bags or mini-enclosure during the asbestos removal operation.

(iii) A remote decontamination unit may be used as described in R307-801-13(7)(d) only if an attached decontamination unit is not feasible.

(c) When a preformed RACM pipe insulation asbestos abatement project in a crawl space or pipe chase less than six feet high or less than three feet wide is conducted, the following may be used:

(i) Drop cloths extending a distance at least six feet around all preformed RACM pipe insulation to be removed or extended to a wall and attached with duct tape or equivalent; or

(ii) The open top catch bag method.

(6) During outdoor asbestos abatement projects, the work practices of R307-801-13 shall be followed with the following modifications:

(a) Negative pressure need not be maintained if there is not an enclosure;

(b) Six mil polyethylene drop cloth, or equivalent, large enough to capture all RACM fragments that fall from the work area shall be used; and

(c) A remote decontamination unit as described in R307-801-13(7)(d) may be used.

(7) Special work practices.

(a) If the wrap and cut method is used:

(i) The regulated facility component shall be cut at least six inches from any RACM on that component;

(ii) If asbestos will be removed from the regulated facility component to accommodate cutting, the asbestos removal shall be performed using a single glove bag for each cut, and no RACM shall be disturbed outside of a glove bag;

(iii) The wrapping shall be leak-tight and shall consist of two layers of six mil polyethylene sheeting, each individually sealed with duct tape, and all RACM between the cuts shall be sealed inside wrap; and

(iv) The wrapping shall remain intact and leak-tight throughout the removal and disposal process.

(b) If the open top catch bag method is used:

(i) The material to be removed can only be preformed RACM pipe insulation, and it shall be located in a crawl space or a pipe chase less than six feet high or less than three feet wide;

(ii) Asbestos waste bags that are leak-tight and strong enough to hold contents securely shall be used;

(iii) The bag shall be placed underneath the stripping operation to minimize ACM falling onto the drop cloth;

- (iv) All material stripped from the regulated facility component shall be placed in the bag;
- (v) One asbestos abatement worker shall hold the bag and another asbestos abatement worker shall strip the ACM into the bag; and
- (vi) A drop cloth extending a distance at least six feet around all preformed RACM pipe insulation to be removed, or extended to a wall and attached with duct tape or equivalent shall be used.
- (c) If glove bags are used, they shall be under negative pressure, and the procedures required by 29 CFR 1926.1101(g)(5)(iii) shall be followed.
- (d) A remote decontamination unit may be used under the conditions set forth in R307-801-13(5)(b) and (6), when there is an area insufficient to construct a connected decontamination unit, or when approved by the director. The remote decontamination unit shall meet all construction standards in R307-801-13(4)(h) and shall include:
 - (i) Outerwear shall be HEPA vacuumed or removed, and additional clean protective outerwear shall be put on;
 - (ii) Either polyethylene sheeting shall be placed on the path to the decontamination unit and the path shall be blocked or taped off to prevent public access, or asbestos abatement workers shall be conveyed to the remote decontamination unit in a vehicle that has been lined with two layers of six mil or thicker polyethylene sheeting or its equivalent; and
 - (iii) The polyethylene path or vehicle liner shall be removed at the end of the project, and disposed of as ACWM.
- (e) Mini-enclosures, when used under approved conditions, shall conform to the requirements of 29 CFR 1926.1101(g)(5)(vi).
- (8) For asbestos-containing mastic removal projects using mechanical means, such as a power buffer, to loosen or remove mastic from the floor, in lieu of two layers of polyethylene sheeting on the walls, splash guards of six mil or thicker polyethylene sheeting shall be placed from the floor level a minimum of three feet up the walls.
- (9) Persons who improperly disturb more than the SSSD amount of asbestos-containing material and contaminate an area with friable asbestos shall:
 - (a) Have the emergency clean-up portion of the project, including any portions not contained within a regulated facility or in common use areas that cannot be isolated, performed as soon as possible by a company or companies certified according to R307-801-5, and, asbestos abatement supervisor(s), and asbestos abatement worker(s) certified according to R307-801-6.
 - (b) Have an asbestos clean-up plan designed by a Utah certified asbestos project designer for the non-emergency portion of the project and have the asbestos clean-up plan submitted to the director for approval. An asbestos clean-up plan is not required when the disturbance results from a natural disaster, fire, or flooding.
 - (c) Submit the project notification form required by R307-801-11 and 12 to the director for acceptance no later than the next working day after the disturbance occurs or is discovered. For fee calculation purposes, the size of the emergency clean-up project is the area that has been contaminated or potentially contaminated by the disturbance and not the amount of asbestos-containing material disturbed.
 - (d) Notify the director of project completion by telephone, fax, or electronic means by the day of completion and before leaving the site.
- (10) For asbestos abatement, renovation, or demolition projects that remove or otherwise disturb loose-fill vermiculite type insulation materials assumed to be regulated asbestos-containing material or found to contain greater than 1% regulated asbestiform fibers, then the material being removed is considered regulated asbestos-containing material and shall meet all the appropriate regulatory requirements of R307-801.
 - (a) Regulated vermiculite shall be removed to the maximum extent possible, or by following a work practice that has been established by the director, or by an alternative work practice as approved by the director.

R307-801-14. Disposal and Handling of Asbestos Waste.

- (1) Owners and operators of regulated facilities shall containerize asbestos-containing waste material (ACWM) while adequately wet.
- (2) ACWM containers shall be leak-tight and strong enough to hold contents securely and be labeled with an OSHA warning label found in 29 CFR 1926.1101(k)(8).
- (3) Containers shall be labeled with the waste generator's and contractor's names, addresses, and telephone numbers before they are removed from the asbestos renovation or abatement work area.
- (4) Containerized regulated asbestos-containing material (RACM) shall be disposed of at a landfill which complies with 40 CFR 61.150.
- (5) The waste shipment record shall include a list of items and the amount of ACWM being shipped. The waste generator originates and signs this document.

(6) Owners and operators of regulated facilities where an asbestos abatement or renovation project has been performed shall report in writing to the director if a copy of the waste shipment record, signed by the owner or operator of the designated waste disposal site, is not received by the waste generator within 45 working days from the date the waste was accepted by the initial transporter. Include in the report the following information:

- (a) A copy of the waste shipment record for which a confirmation of delivery was not received; and
- (b) A cover letter signed by the waste generator explaining the efforts taken to locate the asbestos waste shipment and the results of those efforts.

R307-801-15. Records.

(1) Certified asbestos abatement or renovation companies shall maintain records of all asbestos abatement or renovation projects that they perform at regulated facilities and shall make these records available to the director or authorized representative upon request. The records shall be retained for at least five years. Maintained records shall include the following:

- (a) Names and certification numbers of the asbestos abatement workers, asbestos abatement supervisors, or renovators who performed the asbestos abatement or renovation project;
- (b) Location and description of the asbestos abatement or renovation project and amount of friable asbestos-containing material (ACM) removed;
- (c) Start and stop dates of the asbestos abatement or renovation project;
- (d) Summary of the procedures used to comply with applicable requirements including copies of all notification forms;
- (e) Waste shipment records maintained in accordance with 40 CFR Part 61, Subpart M; and
- (f) Asbestos inspection reports associated with the asbestos abatement or renovation project.

(2) All persons subject to the inspection requirements of R307-801-9 shall maintain copies of asbestos inspection reports for at least one year after asbestos abatement, renovation, or demolition projects have ceased, and shall make these reports available to the director or authorized representative upon request.

R307-801-16. Certified Renovator Work Practices.

(1) Certified renovators are responsible for ensuring compliance with R307-801 at all renovation projects at regulated facilities to which they are assigned.

(2) Certified renovators working at regulated facilities shall:

- (a) Perform all of the tasks described in R307-801-13(3) and shall either perform or direct workers who perform all tasks described in R307-801-13(3);
- (b) Provide training to workers on the work practices required by R307-801-13(3) that will be used when performing renovation projects;
- (c) Be physically present at the work site when all work activities required by R307-801-13(3)(b) are posted, while the work area containment required by R307-801-13(3)(b) is being established, and while the work area cleaning required by R307-801-13(3)(i) is performed;
- (d) Be on-site and direct work being performed by other individuals to ensure that the work practices required by R307-801-13(3) are being followed, including maintaining the integrity of the containment barriers and ensuring that dust or debris does not spread beyond the work area;
- (e) Have with them at the work site their current Utah Renovator certification card; and
- (f) Prepare the records required by R307-801-15.

R307-801-17. Asbestos Information Distribution Requirements.

(1) Utah Abatement/Renovation pamphlet. Utah asbestos abatement and renovation companies shall provide owners and occupants of single and multi-family residential structures with the Utah Abatement/Renovation Pamphlet "Asbestos Hazards During Abatement and Renovation Activities" when those structures will be re-occupied after the regulated activities are completed.

(2) No more than 60 days before beginning an abatement or renovation project in a regulated facility, the company performing the abatement or renovation project shall:

- (a) Provide the owner of the regulated facility with the pamphlet, and comply with one of the following:
 - (i) Obtain, from the owner, a written acknowledgment that the owner has received the pamphlet; or
 - (ii) Obtain a certificate of mailing at least seven working days prior to the abatement or renovation project; and
- (b) If the owner does not occupy the regulated facility, provide an adult occupant of the regulated facility with the pamphlet, and comply with one of the following:

(i) Obtain, from the adult occupant, a written acknowledgment that the occupant has received the pamphlet, or certify in writing that a pamphlet has been delivered to the regulated facility and that the company performing the abatement or renovation project has been unsuccessful in obtaining a written acknowledgment from an adult occupant. Such certification shall include the address of the unit undergoing abatement or renovation activities, the date and method of delivery of the pamphlet, names of the persons delivering the pamphlet, reason for lack of acknowledgment (e.g., occupant refuses to sign, no adult occupant available), the signature of a representative of the company performing the abatement or renovation project, and the date of signature; or

(ii) Obtain a certificate of mailing at least seven working days prior to the abatement or renovation project.

(3) Abatement or renovation projects in common areas. No more than 60 working days before beginning abatement or renovation projects in common areas of a regulated facility, the company performing the abatement or renovation project shall:

(a) Provide the owner with the pamphlet and comply with one of the following:

(i) Obtain, from the owner, a written acknowledgment that the owner has received the pamphlet; or

(ii) Obtain a certificate of mailing at least seven working days prior to the abatement or renovation project;

(b) Comply with one of the following:

(i) Notify in writing, or ensure written notification of, each regulated facility and make the pamphlet available upon request prior to the start of abatement or renovation project. Such notification shall be accomplished by distributing written notice to each affected unit in the regulated facility. The notice shall describe the general nature and locations of the planned abatement or renovation project, the expected starting and ending dates, how the occupant can obtain the pamphlet and a copy of the required records at no cost to the occupants; or

(ii) Post informational signs describing the general nature and locations of the abatement or renovation project and the anticipated completion date while the abatement or renovation project is ongoing. These signs shall be posted in areas where they are likely to be seen by the occupants of all of the affected units in the regulated facility. The signs shall be accompanied by a posted copy of the pamphlet or information about how interested occupants can review a copy of the pamphlet or obtain a copy from the abatement or renovation company at no cost to occupants. The signs shall also include information about how interested occupants can review a copy of the required records from the abatement or renovation company at no cost to the occupants;

(c) Prepare, sign, and date a statement describing the steps performed to notify all occupants of the regulated facility of the intended abatement or renovation project and to provide the pamphlet; and

(d) If the scope, locations, or expected starting and ending dates of the planned abatement or renovation project change after the initial notification, and the company provided written initial notification to each affected unit, the company performing the abatement or renovation project shall provide further written notification to the owners and occupants of the regulated facility of the revised information for the ongoing or planned activities. This subsequent notification shall be provided before the company performing the abatement or renovation project initiates work beyond that which was described in the original notice.

(4) Written acknowledgment. The written acknowledgments required by paragraphs R307-801-17(2)(a)(i), (2)(b)(i), and (3)(a)(i) shall:

(a) Include a statement recording the owner or occupant's name and acknowledging receipt of the pamphlet prior to the start of abatement or renovation project, or no later than the day after the start of an emergency abatement or renovation project, the address of the regulated facility undergoing an abatement or renovation project, the signature of the owner or occupant as applicable, and the date of signature;

(b) Be either a separate sheet or part of any written contract or service agreement for the abatement or renovation project; and

(c) Be written in the same language as the text of the contract or agreement for the abatement or renovation project or, in the case of a non-owner occupied regulated facility, in the same language as the lease or rental agreement or the pamphlet.

KEY: air pollution, asbestos, asbestos hazard emergency response, schools

Date of Enactment or Last Substantive Amendment: May 5, 2016

Notice of Continuation: March 8, 2018

Authorizing, and Implemented or Interpreted Law: 19-2-104(1)(d); 19-2-104(3)(r) through (t); 40 CFR Part 61, Subpart M; 40 CFR Part 763, Subpart E



ASBESTOS & SAFETY DURING RENOVATION AND REMODELING

ASBESTOS.UTAH.GOV

(801) 536-4000 • asbestos@utah.gov

Asbestos exposure may cause lung cancer, mesothelioma, and asbestosis.

Asbestos may be found in attic and wall insulation, flooring, roofing, wall and ceiling textures, pipe insulation, ducts, and gaskets among others.



UTAH DEPARTMENT of
ENVIRONMENTAL QUALITY
**AIR
QUALITY**

UTAH ASBESTOS RULE

ARE YOU A CONTRACTOR-FOR-HIRE?

Are you working on homes, commercial buildings, public buildings, or industrial complexes?

Are you an owner of a rental unit, commercial building, public building, or industrial complex?

Does your work involve:

- Disturbing more than 3 square/linear feet of a building material?
- Renovating or remodeling a building?
- Demolishing a building or part of a building?

STEPS TO STAYING IN COMPLIANCE

1. Have a Utah certified asbestos inspector perform an inspection.
2. If regulated asbestos-containing materials are found, have a Utah certified asbestos abatement contractor properly remove the materials.
3. If you are performing a demolition (removal, wreckage, or salvage of a load-supporting structural member), submit a demolition notification form to the Utah DAQ.

THIS RULE APPLIES TO YOU!

Only Utah Certified Asbestos Contractors are allowed to disturb regulated asbestos-containing materials!

The only way to know if you will be disturbing regulated asbestos-containing materials is to have it inspected and tested!



UTAH DEPARTMENT of
ENVIRONMENTAL QUALITY
**AIR
QUALITY**

UTAH DAQ: (801) 536-4000 • ASBESTOS.UTAH.GOV



ASBESTOS SAFETY DURING DEMOLITION

If you conduct any demolition activities, you might be subject to the Federal Asbestos NESHAP and/or Utah State Asbestos Rule—even if asbestos is not found in the structure. If you are going to demolish or move a structure, these laws require you to have an asbestos inspection report written by a Utah certified asbestos company using a Utah certified asbestos inspector. Make sure the asbestos inspector knows how the structure will be demolished (full demolition, partial demolition, reuse or recycle of materials, or fire training) so the asbestos inspection can be performed properly.

The Utah Division of Air Quality (DAQ) requires notification and a waiting period of at least ten working days before the demolition of a structure. “Demolition” is defined in the Utah Administrative Code (UAC) R307-801 as “... the wrecking, salvage, or removal of any load-supporting structural member of a regulated facility together with any related handling operations, or the intentional burning of any regulated facility.”

If friable regulated asbestos-containing material is found, it needs to be removed by a Utah certified asbestos company prior to demolition.

More information and Demolition Notification Forms at:

ASBESTOS.UTAH.GOV

(801) 536-4000 • asbestos@utah.gov

Demolition Notification Forms

Demolition Notification Forms must be properly completed, submitted, and the appropriate notification fee must be paid to the Utah DAQ at least ten working days prior to demolition. The dates on the form must be the actual dates when demolition is to be performed and a revision must be made if the dates change.

It's important to follow state and federal asbestos rules and regulations. Violations can result in life-threatening exposure to asbestos, monetary penalties, project delays, and increased waste disposal costs.



Ask First

Before starting a job, be sure you and your coworkers know about the asbestos risks. Call DEQ with any questions.



Do Not Disturb

Do not disturb known or suspected asbestos-containing materials.



Asbestos Inspection

Before starting any demolition project, get an asbestos inspection.



Don't Sweep

Don't sweep, dust or vacuum asbestos debris. Contact a certified asbestos company with any cleanup needs.

During Demolition

Watch for suspect asbestos-containing materials that were missed or were not accessible to the Utah certified asbestos inspector and have not been evaluated. Especially watch for materials in voids, walls, under floors, and other inaccessible areas.

Do not grind, sand or abrade Category 1 non-friable asbestos materials. Disturbing these material will make them friable and requires a cleanup from a certified asbestos contractor.

Eliminate demolition dust! Have a dust control plan before beginning any demolition.

(Continued from previous page)

appropriate notification fee must be paid to the Utah DAQ at least 10 working days prior to demolition. Inaccurate or missing information on the Demolition Notification Form may be cause to reject the form and may cause delays for your demolition schedule. **The dates on the form must be the actual dates when demolition activities are being performed. The demolition dates are NOT a window of opportunity or time when demolition MAY occur.** Demolition Notification Forms must be revised when any information on the previous submitted form has changed, such as demolition start and end dates or if the demolition contractor changes. There is no additional fee for making revisions to Demolition Notification Forms.

State and Federal regulations are very specific about demolition date revision procedures. If the start date will be later than the original date, give written notice to the Utah DAQ the day before the original start date, or, give verbal notice as soon as possible before the original start date and written notification no later than the original start date. If the date needs to be earlier, make sure the revision is received by the Utah DAQ no less than ten working days prior to the desired start date.

Violation of State and Federal asbestos rules or regulations can result in life threatening exposure to asbestos, monetary penalties, project delays, and increased waste disposal costs.

During the Demolition

Carefully read and understand the asbestos inspection report before you start the demolition. Contact the Utah certified asbestos inspector that wrote the asbestos inspection report if you have questions about what is in

that report.

Watch for suspect asbestos-containing materials that were missed or were not accessible to the Utah certified asbestos inspector and have not been evaluated. Especially watch for materials in voids, walls, under floors, and other inaccessible areas.

Do not make non-friable roofing and flooring materials regulated asbestos containing material when processing the material by grinding, sanding, or abrading Category I non-friable asbestos-containing materials defined earlier in this pamphlet.

Notify the Utah DAQ if additional regulated asbestos-containing materials have been disturbed during demolition activities.

Eliminate demolition dust!! Have a dust control plan if the property is over ¼ acre. Ensure a proper water supply for the demolition methods being used. Keep debris wet during demolition and loading processes. Use handling techniques that reduce dust (such as releasing debris as low as possible inside the waste container). Make sure non-friable asbestos-containing materials are wet and manifested or accompanied by a waste shipment record.

Questions about Demolition Notification Forms? Please contact the Utah Division of Air Quality at (801) 536-4000.

For a list of Utah certified asbestos companies that perform asbestos inspections, notification forms, and any other information about Utah asbestos rules, see our web page at:

www.asbestos.utah.gov

**or you can call the Utah DAQ at
(801) 536-4000**

DISCLAIMER: Every effort has been made to assure that this pamphlet is consistent with state and federal law. Be familiar with local, state, and federal laws relating to demolition. This pamphlet does not supersede local, state, or federal law.

Version 1.3 - DAQA-057-17

Demolition

***How to Comply with Federal
and Utah Demolition
Requirements***

**Utah Department of
Environmental Quality**

**Utah Division of
Air Quality**



AIR QUALITY

**195 North 1950 West
Salt Lake City, Utah 84116**

**PO Box 144820
Salt Lake City, Utah 84114-4820**

Telephone (801) 536-4000

Fax (801) 536-4099

asbestos@utah.gov

www.asbestos.utah.gov

State and Federal Demolition Laws

The Utah Division of Air Quality (DAQ) requires notification and a waiting period of at least 10 working days before you demolish or move a structure. The definition of “**demolition**” as defined in Utah Administrative Code (UAC) R307-801, Utah Asbestos Rule, is, “...the wrecking, salvage, or removal of **any load-supporting structural member** of a **regulated facility** together with any related handling operations, or the intentional burning of any regulated facility. This includes the moving of an entire building, but excludes the moving of structures, vehicles, or equipment with permanently attached axles, such as trailers, motor homes, and mobile homes that are specifically designed to be moved.”

“**Regulated Facilities**” includes structures subject to the Asbestos NESHAP (National Emission Standard for Hazardous Air Pollutants/Title 40 Code of Federal Regulations (CFR) Part 61 Subpart M), AHERA (40 CFR Part 763), and the Utah Asbestos Rule (UAC R307-801) and means, “...any institutional, commercial, public, industrial, or residential structure, installation, or building, (including any structure, installation, or building containing condominiums or individual dwelling units operated as a residential co-operative)...or any ship, and any active or inactive waste disposal site...”

If you conduct any of the demolition activities described above, you are subject to the Federal Asbestos NESHAP and/or Utah State Asbestos Rule. Asbestos does not need to be found in the structure for you to be subject to these laws. If you are going to demolish or move a structure, you are required to have an asbestos inspection report written by a Utah certified asbestos company using a Utah

certified asbestos inspector. If friable regulated asbestos-containing material is found, it needs to be removed by a Utah certified asbestos company with Utah certified supervisors and workers prior to demolition.

You will also need to notify the Utah DAQ 1 to 10 working days before removing regulated asbestos-containing materials (depending on the amount of asbestos being removed).

Also, you may need to get a demolition permit from your local governmental agency. Please contact the city and/or county in which the structure is located to determine if any local demolition permitting requirements or rules exist.

Prior to Demolition

Determine if you are performing a regulated demolition. If you are performing any demolition activities identified above in a regulated structure, you are subject to either the Asbestos NESHAP or the Utah Asbestos Rule or both. Residential structures are subject to the Utah Asbestos Rule and includes all residential structures including any out-buildings of greater than 100 square feet. If you are performing any regulated demolition activities, you will need to submit a Utah DAQ Demolition Notification Form that is postmarked or delivered to the DAQ at least 10 working days before you start demolition. These forms can be found on the DAQ web site at:

www.asbestos.utah.gov

If you have questions, contact Utah DAQ at 801-536-4000 or at asbestos@utah.gov

If you are performing a regulated demolition, have an asbestos inspection performed by a Utah certified asbestos inspector working for a Utah certified asbestos company. If regulated asbestos-containing material is found, determine if it needs to be removed. Category

I non-friable asbestos-containing materials (...such as asbestos containing packings, gaskets, resilient floor coverings, or asphalt roofing products containing more than 1% asbestos) are not required by the Utah DAQ to be removed from a structure unless those materials will become friable during demolition or will be used in a fire training exercise. Other regulated asbestos-containing materials that can become friable during fire training exercises or demolition activities will need to be removed by a Utah certified asbestos company with certified supervisors/workers prior to the fire training exercise. Asbestos abatement activities more than 3 square feet or 3 linear feet will also require notification to Utah DAQ and will need to be completed prior to the start of fire training exercises or demolition activities.

If any cement from the demolition project will be crushed, recycled, or reused, all regulated asbestos-containing flooring materials and mastic (glue) will need to be removed prior to demolition.

If asphalt roofing shingles are going to be burned or used as a fuel and are not going to a landfill for disposal, they will need to be tested for asbestos. If any asbestos is found during testing, then the shingles cannot be burned or used as a fuel and must be disposed at a landfill. Make sure the asbestos inspector knows how the structure will be demolished (in a fire training exercise, conventional demolition practices, etc.) so the asbestos inspection can be performed properly. Also, please let the asbestos inspector know if any demolition waste is not going to a landfill.

Demolition Notification Form Requirements

Demolition Notification Forms must be properly completed, submitted, and the

(Continued on next page)



Asbestos Clean-up Procedure

This procedure is applicable to all clean-up or remediation of incomplete removal of regulated asbestos-containing materials and contamination resulting from improper removal.

The process may be initiated at any time following the discovery of improper removal or disturbance of regulated materials. If not initiated prior to issuing a Notice of Violation and Order to Comply, the order will require this process.

Assessment and defining the scope of the contamination

A Utah certified asbestos inspector (inspector) must be hired by the owners and operators to perform a comprehensive evaluation to determine the original location of the regulated asbestos-containing material and all areas impacted by the improper handling of that material.

The inspector will define the area of asbestos contamination and mark all locations with barrier tape and warning signs to deter public access until the completion of clean-up activities.

The inspector will produce an asbestos survey report including:

1. identification of all asbestos-containing materials that remain in place including a description of the physical appearance and a description of the location and condition of these materials;
2. a determination of all contaminated areas with sufficient description and labeling to determine the scope of abatement activities to remove all visible asbestos contamination. For this purpose, the threshold is visible "asbestos waste" meaning that the 1% threshold for asbestos-containing material does not apply.
3. an evaluation of adjacent areas including air handling units, ducting and surfaces where asbestos fibers may be present;
4. a description of the location and status of all asbestos waste on site and any materials that have been transported from the site.

Copies of this report will be provided to the Division of Air Quality (DAQ), any contractor working on site and a copy shall remain on site and be available to all persons with access. The owner and operators must prevent persons from entering the asbestos-contaminated area defined by the certified asbestos inspector. If the contamination extends beyond the property of the owner, all affected property owners or municipalities must be notified and involved in the planning and coordination of clean-up activities.

Clean-up project design

The owner and any contractors involved in the improper removal of asbestos will develop a project design to address all areas of contamination identified by the asbestos inspector. This plan must be developed by a Utah certified project designer familiar with asbestos regulations and abatement work practices.

The minimum requirements include:

1. the work practices contained in R307-801 and 40 CFR 61 subpart M, apply to the cleanup activities including the requirements for negative pressure enclosure and decontamination facilities;
2. all visible asbestos waste debris will be wet cleaned and containerized for disposal;
3. all surfaces within the contaminated area will be wet wiped and HEPA vacuumed;
4. any damaged or disturbed asbestos-containing material remaining in place following the improper or incomplete removal will be removed.

The clean-up plan must be submitted in writing to the DAQ and accepted by the DAQ prior to commencing the clean-up activities. Activities to prevent further contamination or public exposure may begin prior to acceptance of the clean-up plan.

Clean-up activities

If the contamination is in an area where wind or other activities may continue to disperse the material, wetting and clean-up activities should begin as soon as possible following the inspection.

Written notification and the payment of all applicable fees is required prior to commencing the clean-up activities. For the purpose of clean-up activities the 10-day waiting period may be waived for the project.

A Utah certified asbestos abatement contractor must be hired to complete all clean-up activities using the project design and all requirements of R307-801 and 40 CFR 61 subpart M.

Project Clearance

Contact a member of the asbestos staff (not voice mail) at the DAQ during normal business hours at least 24 hours prior to the completion of the project. If the project involves multiple phases, notify the DAQ 24 hour prior to the completion of any phase of the project.

At the completion of wet cleaning/HEPA vacuuming and prior to lock-down encapsulation or removing any barriers the project area must be inspected by a Utah certified asbestos inspector hired by the owners and operators. When the certified inspector determines that all material addressed in the survey report has been removed or treated according to the work plan, the area may be sprayed with a lock-down encapsulant and the barriers may be removed. Following the removal of all barriers and with the

certified abatement contractor on site, the inspector must clear the site ensuring that all materials have been addressed according to the project design and applicable asbestos regulations.

Project Report

Upon completion of the clean-up project the owner and any contractors involved in the improper removal of asbestos will prepare and submit to the DAQ a project closing report containing:

1. a summary of the clean-up activities;
2. a statement that the site is now in full compliance with applicable asbestos regulations and that no visible contamination remains;
3. the names and certification information for all contractors and consultants participating in the clean-up activities, and
4. a summary of all expenditures incurred through the clean-up activities.

This report must be submitted no later than 10 days following the completion of clean-up activities.

CMU Block Filler Paint Alternative Work Practice Model Language

The analytical results of an accredited asbestos laboratory (bulk sample(s) layer by layer analysis result(s), attached) reported regulated levels of asbestos in block filler paint on concrete masonry unit (CMU) block at the project site. The alternative work practice request (AWPR) applicant requests that the category II non-friable asbestos-containing block filler paint be left in place during the demolition of the structure as allowed for with category I non-friable asbestos-containing materials. It is the premise of the applicant that the asbestos-containing block filler paint is most similar to category I non-friable asbestos-containing material. The block filler paint will remain adequately wet during all phases of the demolition process which is proposed to be performed by a back hoe, track hoe, or other similar demolition equipment. The equipment operator will be restricted from crushing or running over CMU block that has block filler paint.

The consultant will determine wind direction at the start of the project and on each additional day of the project. The consultant will set air sampling pumps in the upwind and downwind locations on each day of the project. A minimum of two additional sampling locations collected at ninety degree angles to the upwind and downwind sampling sites and a sampling pump cassette on the demolition equipment (a total of five daily samples) must be collected. Additional sampling locations must also be collected to adequately capture dust from the demolition activities at any and all locations of the project site.

The demolition equipment sampling pump cassette will be located on the outside of the demolition equipment and on the front, articulating arm, or bucket side of the demolition equipment. The demolition equipment sample must be collected using a personal sampling pump calibrated to run at 2.0 liters per minute (LPM) +/- 0.2 LPM. The surrounding area samples will be collected using high-volume sampling pumps calibrated to 4.0 LPM +/- 0.2 LPM. Sampling pump cassettes will be visually inspected at least every two hours or less for signs of overloading. If darkening of the filter is noted, a final calibration check will be made on the cassette and a new cassette calibrated for the remaining portion of the shift.

Samples will be initially analyzed using phase contrast microscopy (PCM) and transmission electron microscopy (TEM) will be used, if necessary. All PCM samples will be sent 1-day delivery or hand carried to an accredited asbestos laboratory that is participating in a Quality Assurance Program (such as AIHA or an equivalent nationally-recognized inter laboratory comparison program) within 24-hours of sample collection on business days (defined as the time period between Monday at 12:00:00 AM to Friday at 11:59:59 PM excluding state or federal holidays). All PCM samples will be sent with requested analysis of 24-hours or less of receipt on business days by an accredited asbestos laboratory, as defined above. Electronic copies of all accredited asbestos laboratory analytical results, including chain-of-custody forms, will be sent to the Utah Division of Air Quality (DAQ) within 24-hours of receipt on business days.

If PCM sample fiber counts from the demolition site rise above the accredited asbestos laboratory detection limit, the consultant will submit all samples above the accredited asbestos laboratory detection limit for analysis by TEM. All TEM samples will be sent 1-day delivery or hand carried to the accredited asbestos laboratory within 48-hours of determining PCM sample analysis results above accredited asbestos laboratory detection limit on business days. All samples will be sent with requested analysis of 24-hours or less of receipt by the accredited asbestos laboratory on business days. Electronic copies of all accredited asbestos laboratory results will be sent to the DAQ within 24-hours of receipt on business days.

If the first six TEM sample results are below the AHERA clearance criteria of 70 structures per square millimeter (S/mm²) based on a 1199 liter sample for a 25 mm cassette or on a 2799 liter sample for a 37 mm cassette, the consultant may propose to the DAQ raising the TEM analysis trigger level to the PCM accredited asbestos laboratory level of 0.0075 fibers per cubic centimeter (f/cc). If the sample volume is less than 1199 liters, the AHERA clearance criteria of 70 S/mm² will be reduced proportionally. The

CMU Block Filler Paint Alternative Work Practice Model Language

AWPR applicant will submit all samples above 0.0075 f/cc for analysis by TEM through an accredited asbestos laboratory, as defined above. If the sampling results are below the AHERA clearance criteria of 70 S/mm² based on sample volume levels identified above, the consultant may propose to the DAQ raising the TEM analysis trigger level to the PCM accredited asbestos laboratory level of 0.010 f/cc. Air sampling results above the appropriate TEM analysis trigger level will require an immediate evaluation of engineering controls by the AWPR applicant, demolition contractor, the building owner, and DAQ to discuss dust and fiber suppression options with the results of the evaluation submitted in the form of a written report to the DAQ.

A final report must be submitted to the DAQ within 20 business days after all requirements of the AWPR have been completed. At a minimum, the final report must include all air sample (PCM and TEM) accredited asbestos laboratory reports, pump calibration records, site wind and dust observations, a summary of the results of all air samples analyzed including accredited asbestos laboratory detection limits, and all other information required by the AWPR.

Approval of this AWPR to leave category II non-friable asbestos-containing block filler paint during demolition is contingent on the applicant following all procedures listed above. This AWPR is only for relief from the requirement to remove category II non-friable asbestos-containing block filler paint prior to the demolition of the structure identified in the AWPR. All other applicable rules remain in effect for this project including the proper disposal and not reuse, recycling, or repurposing, etc. of components with category II non-friable asbestos-containing block filler paint without prior approval of the Director of the Utah Division of Air Quality.



Intentional Burning of Structures for Fire Training

Utah DAQ/ATLAS Section
195 North 1950 West
PO Box 144820
Salt Lake City, Utah 84114-4820
Phone (801) 536-4000
Email: asbestos@utah.gov
<http://www.asbestos.utah.gov>

Intentional burning of structures for fire training is allowed by the Division of Air Quality (DAQ), however, there are certain DAQ regulations that apply.

The burning of two structures per year by organized and operating fire departments for the purpose of training fire service personnel are exempt from the General Burning requirements contained in the Utah Administrative Code (UAC) [R307-202](#), but other regulations still apply.

Requirements Prior to Intentional Burning

Asbestos

Asbestos is known for its unique properties of being resistant to abrasion, inert to acid and alkaline solutions, and stable at high temperatures. Because of these attributes, asbestos was widely used in construction and industry.

When Asbestos Containing Material (ACM) is damaged or disturbed, as in burning, it releases fibers into the air.

Once inhaled, the small, inert asbestos fibers can easily penetrate the body's defenses. They are deposited and retained in the airways and tissues of the lungs and cause lung scarring and lung cancer.

Asbestos requirements

- Inspect the structure for the presence of asbestos-containing materials (ACM) ([40 CFR 61.145\(a\)](#) and UAC [R307-801-9](#) and [R307-801-10](#))

The inspection must be conducted by a Utah certified asbestos inspector (UAC [R307-801-6](#), working for a Utah certified asbestos company [R307-801-5](#))

An inspection survey report must be generated (UAC R307-801-10(6))

The inspection survey report must remain on site throughout the demolition (UAC R307-801-9).

- All asbestos-containing materials must be removed prior to intentionally burning a structure. This includes asbestos-containing materials that can remain in place during normal demolition operations (40 CFR 61.145(c)(3)(B)(10) and UAC R307-801-11(1)(b)).

This includes: asbestos containing insulation, duct tape, textured ceilings, and resilient floor coverings, roofing materials, packings, gaskets, etc., asbestos-cement shingles, and siding.

Removal of Regulated ACM must be performed by a Utah certified asbestos contractor and certified asbestos workers (UAC R307-801) This information is available on the [DAQ asbestos website](#).

- A notification must be submitted to the Utah DAQ 10 working-days prior to demolishing the structure (40 CFR 61.145(b) and UAC R307-801-11).
- If the preparation of the structure for burning requires the removal of greater than 160 square feet of ACM or 260 linear feet of ACM pipe insulation, notification is required 10 working days prior to removing the ACM (40 CFR 61.145(b) and UAC R307-801-11).

- If there are less than 160 square feet or 260 linear feet of ACM in the structure, then notification of asbestos removal is required 24 hours prior to removing the ACM. (UAC R307-801-11(1)(b)).
- The burning of structures for fire training is an institutional use of the structure and falls under the commercial notification fees established for the Department of Environmental Quality.

Prior to burning, it is required that you check the Utah Clearing Index

The Clearing Index is an Air Quality/Smoke Dispersal Index used to regulate open burning and as input for other air quality decisions throughout Utah. The Clearing Index is defined as the Mixing Depth (depth of the mixed layer in 100s of feet above ground level) multiplied by the Transport Wind (average wind in the mixed layer in knots). Clearing Index values below 500 are considered poor ventilation and open burning is restricted under these conditions.

An index of 500+ is required before burning can be done. (R307-202-1(4)).

To access the current clearing index, please check the [Utah clearing index](#).

Following the burning of the structure for training, the fugitive dust and dust control requirements of R307-205 and R307-309 apply to the loading of the remaining building debris and to clearing and leveling activities at the site of the structure.

The Statewide rule R307-205 requires dust control when clearing land over 3 acres in size.

The Non-Attainment Area Dust Control Rule R307-309 requires the submission of a dust control plan to the Executive Secretary for any activity which has the potential to produce fugitive dust. (Non-Attainment Area includes: Utah, Salt Lake, Davis Counties, Ogden City.)

- The DAQ also recommends that before intentional burning notification of nearby residents be made to alleviate any undue concerns. This will allow the residents to close windows and to make arrangements to leave the area if necessary, especially those who are sensitive to smoke and dust, those who have asthma, or those with respiratory or heart problems.

Questions?

Contact the **Utah DAQ at: (801) 536-4000** for asbestos inspector and contractor lists, forms, and information about rules, or see our web page: asbestos.utah.gov



ASBESTOS FREQUENTLY ASKED QUESTIONS

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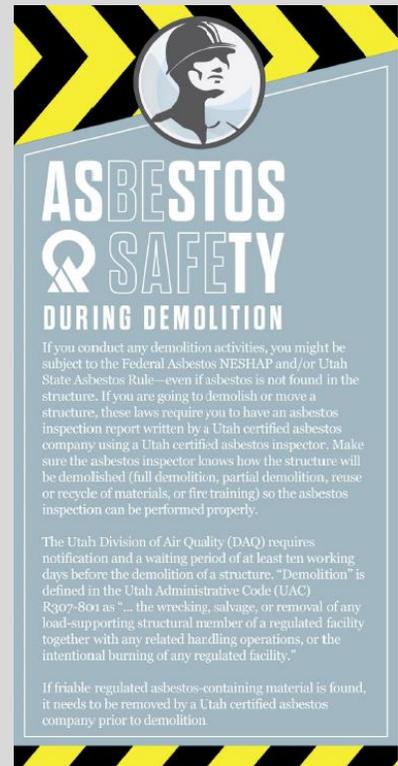
EPA Resources..... 10

DISCLAIMER: These questions address most situations, but every project is different. We are happy to discuss your project with you. Please feel free to contact us.

Utah Division of Air Quality

July 2019

Contact
DAQ ATLAS Section
asbestos@utah.gov
(801) 536-4000



ASBESTOS SAFETY DURING DEMOLITION

If you conduct any demolition activities, you might be subject to the Federal Asbestos NESHAP and/or Utah State Asbestos Rule—even if asbestos is not found in the structure. If you are going to demolish or move a structure, these laws require you to have an asbestos inspection report written by a Utah certified asbestos company using a Utah certified asbestos inspector. Make sure the asbestos inspector knows how the structure will be demolished (full demolition, partial demolition, reuse or recycle of materials, or fire training) so the asbestos inspection can be performed properly.

The Utah Division of Air Quality (DAQ) requires notification and a waiting period of at least ten working days before the demolition of a structure. "Demolition" is defined in the Utah Administrative Code (UAC) R307-804 as "...the wrecking, salvage, or removal of any load-supporting structural member of a regulated facility together with any related handling operations, or the intentional burning of any regulated facility."

If friable regulated asbestos-containing material is found, it needs to be removed by a Utah certified asbestos company prior to demolition.



ASBESTOS SAFETY DURING RENOVATION AND REMODELING

Asbestos exposure may cause lung cancer, mesothelioma, and asbestosis.

Asbestos may be found in attic and wall insulation, flooring, roofing, wall and ceiling textures, pipe insulation, ducts, and gaskets among others.

ASBESTOS.UTAH.GOV

UTAH DEPARTMENT of ENVIRONMENTAL QUALITY

Demolishing or Remodeling (Asbestos NESHAP and Utah Asbestos Rule)

1. When do I need an asbestos inspection?

You must have an asbestos inspection performed before any work that may impact or disturb more than three square feet of building materials or three linear feet of pipe insulation. This rule applies to contractors performing the work, operators, and owners of buildings. There is a homeowner exception, see question #2.

2. Does a homeowner need an asbestos inspection before demolishing or remodeling their home?

A homeowner does not need an asbestos inspection before demolishing or remodeling a home that *they own and live in or intend to live in*. The owner of a condominium or apartment complex with 4 or less units can demolish or remodel the unit that they live in. An owner cannot demolish or remodel a rental unit or a unit that they do not live in. The homeowner cannot hire a contractor to be involved in any part of the project, including waste hauling. The owner cannot demolish or remodel condominium and apartment complexes with more than 4 units.

3. When do I need to submit a demolition notification form to the DAQ?

You must submit a demolition notification form to the DAQ for all projects that involve the wreckage, salvage, or removal of any *load-supporting structural member/s* of the building. You must submit the demolition notification form to the DAQ *at least ten working days before* the start of your project. Moving a structure or intentionally burning a structure may have additional requirements, please call the DAQ to discuss.

4. How do you count the ten working days?

Your project can start on or after the *11th working day* (week day) counted from day 1, which is the day that the notification was emailed, postmarked, or hand delivered to DAQ. In other words, the project may begin two weeks (on the same day of the week) or after, from the day that the notification is submitted to DAQ. *Working day* means Monday through Friday and includes holidays that fall on any of the days Monday through Friday.

5. I will not be able to start my demolition on the start date do I need to revise this date?

Yes. If you will not start demolition on your start date, then you are required to revise this date no later than the day before your start date. You can revise one of two ways: (1) call or email the DAQ the day before the start date and let us know you will revise your start date, then follow-up with a revised notification form the day of your start date; or (2) send us a revised notification form the day before your start date. You may contact us at 801-536-4000 or asbestos@utah.gov

6. I already sent the DAQ my asbestos inspection report. Do I still need to have the asbestos inspection report on-site during the work?

Yes. The Utah Asbestos Rule requires that the asbestos inspection report *is on-site and available during all regulated work* activities. This can be in electronic form or paper form, but it must be produced to the DAQ inspector on-site when requested.

7. The structure I want to demolish is just a wood or metal building. Do I still need an asbestos inspection before demolition?

Yes. An asbestos inspection is always required before a demolition, even if the building is all wood or metal. Your asbestos inspector may not be required to collect any asbestos bulk samples and will document that no suspect asbestos-containing materials (ACM) were observed. However, your inspector will sample any suspect ACM he or she finds, even ones that you may not have known could contain asbestos.

Asbestos Abatement or Asbestos Renovation (Asbestos NESHAP and Utah Asbestos Rule)

1. Do I need to install a viewport if the area that I am working in is small with no windows and only has one entrance/exit where my decontamination unit will be?

The rule requires that a viewport be installed in the enclosure or barriers *where feasible*. Therefore, if there is no feasible way to install a viewport, you do not need one. However, if there is a feasible location for a viewport but you did not install one, you could be in violation of the Utah Asbestos Rule.

2. Is the removal of floor tile and mastic a regulated project?

Most of the time no, as long as the asbestos inspector has determined that the floor tile and mastic is in good condition, it is a Category I non-friable, and your removal work practices will not make it friable. You cannot pulverize them or reduce them to dust during removal. The removal is a regulated project if you use mechanical means to remove the floor tiles or mastic. If you plan to use a buffer on the mastic, you will be making the mastic friable and special work practices exist; please refer to UAC R307-801-13(8). Please remember that friable materials mean asbestos-containing materials (ACM) that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

3. Is the removal of sheet vinyl a regulated project?

Yes, the removal of sheet vinyl is a regulated project. The work practices used to remove the material causes the disturbance of the friable felt under the sheet vinyl top. This project will require an asbestos renovation/abatement notification form, certified company and workers, proper work practices and proper waste handling and disposal.

Asbestos Inspections

1. My polarized light microscopy (PLM) laboratory results found <1% (less than 1 percent) asbestos in the sample/s, do I still need to have a point count performed?

Yes, you must point count any samples that resulted in trace to 10% asbestos if you want to categorize these materials as non-asbestos. If you want to categorize these materials as asbestos-containing, then you do not need to point count the results.

2. What is a wall system and how do I sample it?

A wall system includes the drywall, mud (also called joint compound), and tape found on walls and ceilings of buildings. The mud must only be applied to the joints of the drywall sheets for the material to qualify as a wall system. If the mud or any other texturing material has been applied to the entire surface of the wall, then this layer is considered an add-on texture and cannot be included in the wall system. Add-on texture layers must be analyzed as a separate layer.

3. What is a surfacing material and how many samples do I need to collect?

A surfacing material is material that is sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes. This includes sprayed-on or painted-on ceiling treatment which means a surfacing material or treatment that has been applied to the ceiling regardless of application method. The asbestos inspector is required to collect, in a statistically random manner that is representative of the homogeneous area, bulk samples of each material that is not assumed to be asbestos-containing material (ACM), and shall collect the samples as follows:

- At least three bulk samples shall be collected from each homogeneous area that is 1,000 sq. ft. or less.
- At least five bulk samples shall be collected from each homogeneous area that is greater than 1,000 sq. ft. but less than or equal to 5,000 sq. ft.
- At least seven bulk samples shall be collected from each homogeneous area that is greater than 5,000 sq. ft.

4. How do I determine friability or if an asbestos material is RACM (regulated asbestos-containing material)?

Friable materials are defined as asbestos-containing materials (ACM) that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. Regulated asbestos-containing material (RACM) means friable ACM, Category I non-friable ACM that has become friable, Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation project operations.

Therefore, when performing an asbestos inspection, you must know what work activities will occur and whether or not non-friable materials will become friable. Some materials that are considered non-friable (like asbestos cement) have a high probability of becoming pulverized or reduced to powder during demolition or renovation and therefore must be removed by a certified asbestos contractor prior to those work activities. Your asbestos inspection report must reflect that requirement.

5. How many samples do I need to collect of wall plaster when inspecting before a demolition or renovation/remodel?

Wall plaster is a friable surfacing material. You must follow the 3-5-7 Rule referred to in questions #3 of this section. It is important to remember that most wall plasters have two layers, a base coat and a skim coat. When sampling, you must collect the required number of samples (3-5-7) of *both* layers.

6. I am doing an asbestos inspection for an owner who wants to burn a building. Does this change how I do my inspection and how I write my report?

Burning a building (such as for fire training) is considered a demolition. Burning a building requires that all asbestos-containing materials (ACM) be removed before the demolition. This includes all regulated asbestos-containing materials (RACM), Category I non-friable materials, and Category II non-friable materials. We recommend that you sample all suspect ACM rather than assume non-friable materials. Assuming non-friable materials are asbestos-containing will force the owner to have them abated before the intentional burn.

Project Designs

1. When is a project design required?

There are three situations that require a project design. They are:

- Private or public not for profit school buildings subject to AHERA require a project design for the following activities: (1) a response action other than a small-scale, short duration (SSSD) maintenance activity, (2) a maintenance activity that disturbs friable asbestos-containing building material (ACBM) other than a SSSD maintenance activity, or (3) a response action for a major fiber release episode. Please see the Asbestos-In-Schools Rule (page 6) section of this document for more questions related to AHERA.
- Asbestos clean-up plans require a project design be submitted to the DAQ for approval before starting the non-emergency portion of an asbestos clean-up. Asbestos clean-up plan project designs are required following any improper disturbance. Please see UAC R307-801-13(9) for more information.
- Asbestos alternative work practice request (AWPR) forms require a project design be submitted to the DAQ for approval. These project designs must include sufficient diagrams, photographs, and description to define the AWPR scope of work and demonstrate that the AWPR is designed to achieve the control of asbestos equivalent to the Utah Asbestos Administrative Rules and Federal Asbestos Regulations, if appropriate.

2. What must an asbestos clean-up plan project design include?

In order to be accepted by the DAQ, an asbestos clean-up plan project design *must include at a minimum* the following: (1) a statement that all federal regulations and state rules will be complied with during the project including UAC R307-801 and 40 CFR Subpart M, (2) the owner, contractor, or project designer will notify the DAQ at least 24 hours prior to the completion of the clean-up project, and (3) a close-out report will be submitted to the DAQ at least 10 working days after the completion of the project.

Asbestos-In-Schools Rule (AHERA)

1. Is my school subject to the Asbestos Hazard Emergency Response Act (AHERA)?

The AHERA regulation applies to local education agencies (LEA). LEA means (1) any local education agency as defined in section 198 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 3381), (2) the owner of any nonpublic, nonprofit elementary, or secondary school building, and (3)

the governing authority of any school operated under the defense dependent's education system provided for under the Defense Dependents' Education Act of 1978 (20 U.S.C. 921, et seq.).

2. A new school building does not have any asbestos-containing building materials (ACBM). Is an asbestos management plan still required?

Yes. Every school building must submit an asbestos management plan before the school is occupied. An architect or engineer can sign a statement that no ACBM was specified for use in the construction of a school *built after October 12, 1988* but that still needs to be submitted and maintained as an asbestos management plan.

3. Can an asbestos management plan or the last 3-year reinspection be used in lieu of an asbestos inspection report prior the renovation or demolition of a school building (NESHAP project)?

In most cases no. Typically the management plan and/or the last 3-year reinspection do not contain all the required information to fulfill the requirements needed for a NESHAP project such as a demolition, renovation, or remodel.

4. What training is required for my school district personnel?

The designated person is required to have adequate training to perform duties as the designated person. Depending on the size of the district and the amount or type of asbestos containing building materials, training could be different district to district.

Maintenance and custodial staff who work in a building that contains asbestos-containing building materials (ACBM) must have awareness training of at least two hours.

Maintenance and custodial staff who conduct any activities that will result in the disturbance of ACBM must have 14 hours of additional training.

Specific requirements for training topics can be found in 40 CFR 763.92. Please feel free to call the Utah DAQ if you want to discuss your school in detail.

5. How long does new maintenance or custodial staff have to complete the required training?

New custodial and maintenance employees must be trained within 60 days of being hired.

6. What are the requirements for the person conducting periodic surveillance? Is a certified inspector required?

Any custodial or maintenance staff can conduct periodic surveillance. A certified inspector is not required.

7. Are warning labels required for all asbestos-containing building materials (ACBM) in a school?

Warning labels are required immediately adjacent to any friable and non-friable ACBM and suspected ACBM assumed to be ACM located in routine maintenance areas such as boiler rooms.

8. If a school does not have any asbestos-containing building materials (ACBM), is the annual notification of the availability of the asbestos management plan still required?

Yes. Each school must have an asbestos management plan regardless of whether or not ACBM is present and the annual notification is still required.

9. Are relocatable classroom buildings (portables) required to be included in the school asbestos management plan?

Yes. All school buildings must have an asbestos management plan.

10. Am I required to notify the Utah DAQ before moving a relocatable classroom building (portable)?

Yes. Moving a relocatable classroom building is a NESHAP project and requires at least a 10 working day advanced notice. A demolition notification form is required to be submitted to the Utah DAQ.

11. Can a designated person develop a school's asbestos management plan?

An accredited and certified asbestos management planner must develop and submit a school's asbestos management plan to the State. A designated person can do this if they are certified as a management planner.

12. Our school had a certified asbestos inspector conduct our last 3-year reinspection and we added it to our existing asbestos management plan. Have we met all the requirements of the 3-year reinspection?

Not necessarily. A certified asbestos management planner must review the results of each inspection and assessment. Reinspections are included and they must also be reviewed by a certified management planner.

13. Can an abatement contractor and management planner work for the same company?

Yes, however the local education agency (LEA) should consider the conflict of interest in this scenario. The asbestos management planner might recommend more expensive response actions to the LEA.

14. Is transmission electron microscopy (TEM) clearance air sampling always required for a response action?

No, phase contrast microscopy (PCM) may be used to confirm completion of removal, encapsulation, or enclosure of an asbestos-containing building material (ACBM) that is greater than small-scale, short-duration but less than or equal to 160 square feet or 260 linear feet.

15. How many samples do I need to collect for an air clearance after a response action?

There are three options for the number and type of air clearance samples required to be collected after a response action. You may choose one of the following:

- Collect 5 phase contrast microscopy (PCM) samples from within the functional space. Each sample must be less than or equal to 0.01 fibers per cubic centimeter (0.01 f/cm³) for the response action to be considered complete. This method can only be used if the response action involves more than small-scale, short-duration but less than or equal to 160 square feet or 260 linear feet of asbestos-containing materials.
- Collect 5 transmission electron microscopy (TEM) samples from within the function space. The average concentration of all five samples must not exceed 70 structures per square millimeter (70 s/mm²) for the response action to be considered complete.
- Collect a total of 13 transmission electron microscopy (TEM) samples; including 5 samples in the functional space, five samples per ambient area positioned at locations representative of

the air entering the abatement site, 2 field blanks, and 1 sealed blank. Using the results of all 13 samples, you perform the Z-test calculation found in Appendix A of Part 763 Subpart E.

16. How do I select sampling sites for air sampling after a response action?

Sampling sites must be selected at random and provide unbiased and representative samples.

17. What are aggressive sampling conditions?

Aggressive sampling conditions are used to dislodge any remaining dust and may be used with transmission electron microscopy (TEM) sampling. Leaf blowers or fans can be used. Prior to air monitoring, you must sweep floors, ceilings, and walls with at least a one horsepower leaf blower.

Certification

1. What asbestos certification disciplines are available in Utah?

Utah DAQ approves asbestos training courses and asbestos certifications for the following disciplines: asbestos worker, contractor/supervisor, inspector, management planner, and project designer.

2. How do I become a certified asbestos professional?

To become a Utah certified asbestos professional, you must complete the following:

- 1) Attend a Utah approved or EPA accredited training course for at least one of the disciplines described in question #1. These courses range from 3 to 5 days depending on the discipline and have an exam at the end of the course.
- 2) Once you have completed the class and passed the exam, the training course provider will give you an accreditation. You will provide this accreditation record to the Utah DAQ, along with the asbestos individual certification application form, a notarized citizenship form, and a passport-quality photograph of yourself.
- 3) Pay the application fee associated with each discipline.
- 4) Once all the proper paperwork and payment has been received, the DAQ will process the application and provide you with a certification card. Your certification will expire exactly one year from the last day of the training course.

You cannot start asbestos work until you have received your Utah certification card.

3. How does my company become a certified asbestos company?

You must fill out the asbestos company certification application form and submit it to the Utah DAQ along with the application fee. Your company may certify for 1 to 5 years at a time. You cannot start asbestos work until you have received your Utah certification card.

4. When do I need to take a refresher course?

Asbestos certifications expire one year from the last day of the training course. You may perform asbestos work during that year. However, after your certification has expired, you cannot perform any asbestos work. You have one extra grace year to attend a refresher course. Refresher courses are 4

hours to 8 hours long depending on the discipline. If you exceed the grace year without taking a refresher course, you must retake the initial course and recertify with Utah DAQ before you can do any asbestos work.

For example: Peggy has taken the asbestos inspector course from July 1, 2019 to July 3, 2019 and passed the exam on July 3, 2019. She gets certified with the Utah DAQ after the course. Peggy has the following deadlines:

July 3, 2020 her certification expires. After this day she cannot do any asbestos inspections.

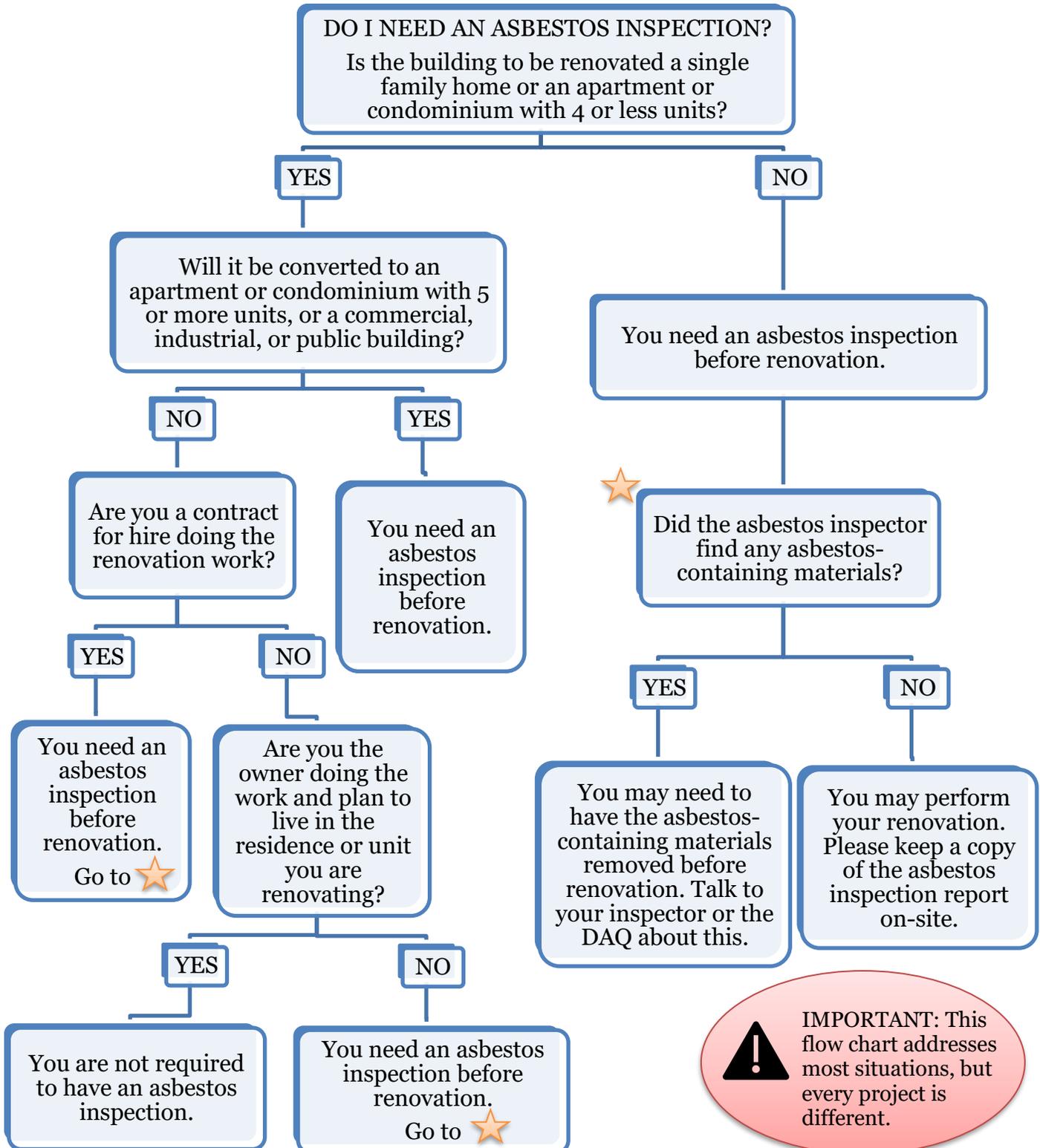
July 3, 2021 her grace year ends. She must take a refresher course before this date.

July 4, 2021 she is no longer able to take the refresher course, she must take the initial course again if she wants to do asbestos inspections.

EPA Resources

100 Frequently Asked Questions about the new AHERA Asbestos-In-Schools Rule is found [here](#).

Top 20 Frequently Asked Questions about asbestos is found [here](#).



 **IMPORTANT:** This flow chart addresses most situations, but every project is different.



State of Utah

Department of Environmental Quality
 Division of Air Quality
 ATLAS Section
 195 North 1950 West, 4th Floor
 P.O. Box 144820
 Salt Lake City, Utah 84114-4820
 asbestos@utah.gov

For Official Use Only
Postmark Date: _____ Initials: _____
Check #/Credit Card Amount: _____

ASBESTOS INDIVIDUAL CERTIFICATION APPLICATION FORM

Please read the instructions at the end of this form prior to completion. Please complete all sections of the form or write N/A. Improperly completed forms may be rejected delaying your application.

A. Individual Certification Information

Name of Individual: _____

Individual's Home Address: _____
 Check this box to send certification card to home address otherwise company address will be used
Street Address, Suite #, or P.O. Box City State Zip Code

Date of Birth: _____ Height: _____ Weight: _____ Hair Color: _____ Eye Color: _____
month/day/year feet/inches pounds

Individual Telephone # (____) ____ - ____ ext. ____ Individual FAX # (____) ____ - ____ Email: _____

Employing Company Name: _____

Employing Company Mailing Address: _____
Street Address, Suite No./P.O. Box City State Zip Code

Company Telephone # (____) ____ - ____ ext. ____ Company FAX # (____) ____ - ____ Email: _____

B. Type of Individual Certification

- Initial Individual Certification** (Please check this box, complete, and submit the entire form)
- Individual Recertification #ASB - _____** (Please check this box, complete, and submit the entire form)
- Lost Individual Certification Card #ASB - _____** (Please check this box, complete, and submit the entire form)

C. Asbestos Individual Certification Application Fee

Please read the instructions on the last page prior to completing this section

Asbestos Individual Certification Application Disciplines, Fees, and Surcharges	Individual Certification Application Fees and Surcharges	Total Asbestos Individual Certification Application Fees
<input type="checkbox"/> Lost Certification Card Replacement Fee (\$33.00) <input type="checkbox"/> Non-Utah Accredited Training Provider Surcharge (\$33.00) <input type="checkbox"/> Asbestos Inspector <input type="checkbox"/> Initial <input type="checkbox"/> Renewal Trainer/Cert.# _____ <input type="checkbox"/> Asbestos Management Planner <input type="checkbox"/> Initial <input type="checkbox"/> Renewal Trainer/Cert.# _____ <input type="checkbox"/> Project Designer <input type="checkbox"/> Initial <input type="checkbox"/> Renewal Trainer/Cert.# _____ <input type="checkbox"/> Asbestos Supervisor <input type="checkbox"/> Initial <input type="checkbox"/> Renewal Trainer/Cert.# _____ <input type="checkbox"/> Asbestos Worker <input type="checkbox"/> Initial <input type="checkbox"/> Renewal Trainer/Cert.# _____	<input type="checkbox"/> Lost Card Certification Card Replacement Fee (\$33.00) Non-Utah Accredited Training Provider Surcharge _____ X \$33.00/certificate (Total number of non-Utah Training Provider Course Certificates) Individual Certification Application Fees _____ X \$137.50/year (Total number of Asbestos Discipline(s)) (1 year certification maximum per discipline)	\$ _____

D. Certification Statement

I hereby attest and affirm that the information included on this Asbestos Individual Certification Application Form, including any attachments, is true and accurate to the best of my belief and knowledge. I acknowledge that any certification authorized pursuant to this application will be subject to revocation if issuance was based on incorrect or inadequate information that materially affected the decision to issue the Asbestos Individual Certification Application Form approval. I also attest and affirm that I will follow all work practice standards required by Utah Administrative Code R307-801.

Applicant's Signature _____

Date Signed _____

Applicant's Printed Name _____

Applicant's Title _____

Before delivering this Utah DEQ/DAQ Asbestos Individual Certification Application Form, please check to make sure you have:

<input type="checkbox"/> Filled out all sections of the Asbestos Individual Certification Application Form completely and attached additional information as necessary?	<input type="checkbox"/> Enclosed or paid by credit card the appropriate Asbestos Individual Certification Application Form fees?
<input type="checkbox"/> Signed and dated the Asbestos Individual Certification Application Form?	<input type="checkbox"/> Made a copy of this Asbestos Individual Application Form for your files?

Submit the completed Asbestos Individual Certification Application Form, supporting materials, and fees to:

Utah Department of Environmental Quality
 Division of Air Quality
 195 North 1950 West, 4th Floor
 P.O. Box 144820
 Salt Lake City, UT 84114-4820
or
 asbestos@utah.gov

Official Use Only

PLEASE DO NOT WRITE IN THIS AREA

Official Use Only

Date Application Received _____ Date Additional Information Requested _____
Month/Day/Year Initials Month/Day/Year Initials

Date Amount/Fee Received _____ Date Additional Information Received _____
Month/Day/Year \$ Amount Initials Month/Day/Year Initials

Date Application Reviewed _____ Date Notification Accepted/Rejected _____
Month/Day/Year Initials (circle one) Month/Day/Year Initials

Reason for Rejection _____

Additional Information:

General Instructions

This Asbestos Individual Certification Application Form must be properly completed and received by the Utah Department of Environmental Quality/Division of Air Quality (UDEQ/DAQ), the appropriate fee must be paid, and you must have an Asbestos Individual Certification Card from the UDEQ/DAQ prior to performing any regulated asbestos work activities. You can apply on-line at <http://asbestos-lead.utah.gov> (please, no WWW) through the ALBoP (Asbestos/Lead-Based Paint) database, email back this form to asbestos@utah.gov and pay with a credit card by calling 801-536-4000, or by sending this completed form and payment by the US Postal Service. Please complete all forms by writing legibly (using blue or black ink) or completing this PDF fillable form. **If you use this form's PDF fillable capability, please save it to your desktop before closing the document or all information will be lost.** Attach additional sheets of paper using the appropriate format, if necessary. **Please redact the individual's Social Security Number if submitted to the UDEQ/DAQ.**

C. Asbestos Individual Certification Application Fee

UDEQ/DAQ has established a fee of **\$137.50 per asbestos discipline/year for the certification of individuals** who perform regulated asbestos work activities. **The UDEQ/DAQ has also established fees of \$30.00/training course discipline for non-Utah accredited training providers and \$33.00 for lost individual certification card replacement.** Regardless of the type of application you are submitting, please properly complete and submit the form and the appropriate fee to the UDEQ/DAQ at the time of application. Certification fees represent the cost for a complete certification year or any fraction thereof.

If this is a **lost individual certification card application**, check the appropriate boxes in the first column and second (Individual Certification Application Fees and Surcharges) columns and put \$33.00 in the third (Total Asbestos Individual Certification Application Fees) column.

If you are **applying for individual initial or renewal certification**, check the appropriate asbestos individual certification discipline box(es), check if this is an initial or renewal certification, and write the training course certificate number for all disciplines for which you are requesting certification all in the first column. Next, put the total number of asbestos certification disciplines you are requesting and multiply that number by \$137.50, be sure to include the number of non-Utah accredited training provider asbestos discipline(s), multiply that number by \$33.00, and put the total of these two fees in the third column.

New Requirement for Asbestos or Lead-Based Paint Professional Certifications

As of July 1, 2009, the Utah Department of Environmental Quality (DEQ) is required to verify the lawful presence in the United States of an individual at least 18 years of age (includes sole proprietor doing business under assumed name) who receives an asbestos or lead-based paint professional certification. This law also applies for renewal certifications.

Applicants for these certifications are required to attach the following documents to the application:

- Complete the form below, but do not sign until in the presence of the Notary
- Attach copy of your photo ID
- Have this document notarized

This document will be confidential and not distributed publicly, but must be kept in the file.

For information about Asbestos or Lead-Based Paint Certification, please contact Lisa Gelino-Titcomb (801-536-4007) or lgelino@utah.gov at the Utah Division of Air Quality, 195 North 1950 West, 4th Floor, Salt Lake City, Utah 84116.

Utah Department of Environmental Quality Certification Pursuant to UCA 63G-11-104

I, _____, hereby certify under penalty of perjury that I am:

a United States citizen, copy of photo ID attached (driver's license, passport, or similar), or,

a qualified alien as defined in 8 USC, Sec. 1641, and lawfully present in the United States.

Alien ID No. _____

Applicant's Printed Name _____

Applicant's Address _____

(Do not complete this section until in the presence of the Notary)

Applicant's Signature _____

SUBSCRIBED AND SWORN to before me this _____ day of _____, 20____.

PHOTO ID

(Place copy here)

NOTARY PUBLIC

My commission expires: _____



State of Utah

Department of Environmental Quality
Division of Air Quality
ATLAS Section
195 North 1950 West, 4th Floor
P.O. Box 144820
Salt Lake City, Utah 84114-4820
asbestos@utah.gov

For Official Use Only

Postmark Date: _____ Initials: _____
Check #/Credit Card Amount: _____

ASBESTOS COMPANY CERTIFICATION APPLICATION

Please read the instructions at the end of this form prior to completion. Please complete all sections of the form or write N/A. Improperly completed forms may be rejected delaying your application!

A. Company Certification

Name of Company: _____

Business Address: _____

Street Address, Suite No. (Please, no P.O. Box)

City

State

Zip Code

Mailing Address: _____

(If different than above) Street Address, Suite No./P.O. Box

City

State

Zip Code

Company's Telephone # (____) ____ - ____ ext. ____ Company's FAX # (____) ____ - ____ Email: _____

Company's Officers/Titles: _____

Last Name First Name Middle Initial Title

Last Name First Name Middle Initial Title

Last Name First Name Middle Initial Title

Name of Attesting Officer: _____

(Officer signing on page 2)

Last Name First Name Middle Initial Title

Attesting Officer's Telephone # (____) ____ - ____ ext. ____ Email Address: _____

B. Type of Company Certification

- Initial Company Certification** (Please check this box, complete, and submit the entire form)
- Company Recertification #ASBC-** _____ (Please check this box, complete, and submit the entire form)

C. Type(s) of Asbestos Certified Individuals Employed

Please indicate the type(s) of asbestos certified individuals the company employs:

- Supervisors Abatement Workers Inspectors Project Designers Management Planners

D. Asbestos Company Professional Certifications

Does your **asbestos company** (not individuals working for your asbestos company) hold current permits, licenses, certifications, or registrations in the asbestos field with the UDEQ/DAQ, USEPA, or other State, Territory, or Tribal entities? If yes, please complete the following section, one line for each permit, license, certification or registration held. **Attach additional sheets of paper, if necessary.**

Yes No
(circle one)

Certification Discipline Area/Region (list Utah DAQ, USEPA, other State, Territory, or indigenous people's name) Certification/Identification Number Date received

Certification Discipline Area/Region (list Utah DAQ, USEPA, other State, Territory, or indigenous people's name) Certification/Identification Number Date received

E. Asbestos Company Violations

Does your **asbestos company** (not individuals working for your company) have any past, present, or pending asbestos company violations with the UDEQ/DAQ, USEPA, other State, Territory, or Indian Tribe regulations? Yes No
(circle one)
If yes, please explain below. **Attach additional sheets of paper, if necessary.**

F. Asbestos Company Certification Application Fee

Please read the instructions on the last page prior to completing this section!!

	Years of Company Certification (1 to 5 years)	Total Asbestos Company Certification Application Fee
Asbestos Company Certification	_____ X \$275.00	\$ _____

G. Certification Statement

I hereby attest and affirm that the information included on this Asbestos Company Certification Application, including any attachments, is true and accurate to the best of my belief and knowledge. I acknowledge that any certification authorized pursuant to this application will be subject to revocation if issuance was based on incorrect or inadequate information that materially affected the decision to issue the Asbestos Company Certification Application approval. I also attest and affirm that I will follow all work practice standards required by Utah Administrative Code R307-801.

Applicant's Signature _____ Date Signed _____

Applicant's Printed Name _____ Applicant's Title _____

Before delivering this Utah DEQ/DAQ Asbestos Company Certification Application, please check to make sure you have:

<input type="checkbox"/> Filled out all sections of the asbestos company certification application completely and attached additional information as necessary?	<input type="checkbox"/> Enclosed or paid by credit card the appropriate asbestos company certification application fees?
<input type="checkbox"/> Signed and dated the asbestos company certification application?	<input type="checkbox"/> Made a copy of this asbestos company certification application for your files?

Submit the completed Asbestos Company Certification Application, supporting materials, and fees to:

Utah Department of Environmental Quality
Division of Air Quality
195 North 1950 West, 4th Floor
P.O. Box 144820
Salt Lake City, UT 84114-4820
or
asbestos@utah.gov

General Instructions

This Asbestos Company Certification Application must be properly completed and received by the Utah Department of Environmental Quality/Division of Air Quality (UDEQ/DAQ), the appropriate fee must be paid, and you must have an Asbestos Company Certification Card from the UDEQ/DAQ prior to performing any regulated asbestos work activities. You can also email this form to asbestos@utah.gov and pay with a credit card by calling 801-536-4000. Please complete all forms by writing legibly (using blue or black ink) or completing this PDF fillable form. **If you use this form's PDF fillable capability, please save it to your desktop before closing the document or all information will be lost.** Attach additional sheets of paper using the appropriate format, if necessary.

F. Asbestos Company Certification Application Fee

The Utah DAQ has established a fee of \$275.00 per year for the certification of companies who only perform regulated asbestos work activities. To determine your total asbestos company certification fee, place the number of years of certification your company is applying for with this application, place the number in the Years of Company Certification column of the table, multiply the number of years by \$275.00 (up to 5 years) and put the appropriate fee in the Total Asbestos Company Certification Application Fee column. This company fee must be paid to the Utah Division of Air Quality at the time of application. Certification fees represent the cost for a complete certification year or any fraction thereof. Asbestos company certification will expire on the month/year when the application is received and the submitted fee amount.

Official Use Only

PLEASE DO NOT WRITE IN THIS AREA

Official Use Only

Date Application Received _____ Date Additional Information Requested _____
Month/Day/Year Initials Month/Day/Year Initials

Date Amount/Fee Received _____ Date Additional Information Received _____
Month/Day/Year \$ Amount Initials Month/Day/Year Initials

Date Application Reviewed _____ Date Notification Accepted/Rejected _____
Month/Day/Year Initials (circle one) Month/Day/Year Initials

Reason for Rejection:

Additional Information:



State of Utah

Department of Environmental Quality
Division of Air Quality
ATLAS Section
195 North 1950 West, 4th Floor
P.O. Box 144820
Salt Lake City, Utah 84114-4820
asbestos@utah.gov

For Official Use Only

Postmark Date: _____ Initials: _____
Check #/Credit Card Amount: _____

ASBESTOS RENOVATION/ABATEMENT NOTIFICATION FORM

Please read the instructions at the end of this form prior to completion. Please complete all sections of the form or write N/A. Improperly completed forms may be rejected delaying your project!

A. Type of Notification

- Initial Less Than NESHAP-size Asbestos Renovation/Abatement Project (3 ft², 3 linear feet, or 3 ft³ or more but less than 160 ft², 260 linear feet, or 35 ft³)** (Please check this box, complete, and submit the entire Asbestos Renovation/Abatement Notification (AR/AN) Form)
- Initial NESHAP-size Asbestos Renovation/Abatement Project (160 ft², 260 linear feet, or 35 ft³ or more)** (Please check this box, complete, and submit the entire AR/AN form)
- Revision to Initial or Previously Revised AR/AN Form** (Please check this box, complete, and submit all areas of Sections B, and any additional sections of this AR/AN form which requires revision). Date revision sent to UDEQ/DAQ (if sent no later than the day before, no call required) or date telephoned and person contacted at UDEQ/DAQ _____
- Asbestos Annual Notification** (Please check this box, complete, and submit all areas of Sections B and any additional sections of this AR/AN form that are necessary). Please remember that the annual notification is only for unplanned, less than NESHAP-size renovation projects. All NESHAP-size projects require the normal notification process.
- Asbestos Renovation/Abatement Project Cancellation** (Please check this box, complete, and submit all areas of Section B)

B. Asbestos Renovation/Abatement Activity Location

Structure Name: _____
For Residential Structures, put the owner's last name followed by the word "Residence"/For Public or Commercial Structures, put the business name followed by the word "Building"

Structure Address: _____
Street Address (Please, **NO** PO Box) City State Zip Code

Facility Owner/Contact Person: _____ Telephone #: (_____) _____ - _____

Facility Owner/Contact Person Address: _____
Street Address/PO Box City State Zip Code

Facility Owner/Contact Person Email: _____ Part of Facility Involved (Floor#, Room#, area, etc.) _____

C. Asbestos Renovation/Abatement Dates

Please read the instructions on the last page prior to completing this section!

Asbestos Renovation/Abatement Preparation Date(s): _____ Asbestos Renovation/Abatement Start Date: _____
Month/Day(s)/Year Month/Day/Year

Asbestos Renovation/Abatement End Date: _____ Work days: Su M Tu W Th F Sa Work Hours: _____
Month/Day/Year AM/PM to AM/PM

D. Utah Certified Asbestos Renovation/Abatement Contractor Information

Asbestos Renovation/Abatement Contractor Company Name: _____ Certification # ASBC-_____

Asbestos Renovator/Abatement Contractor Mailing Address: _____
Street Address/PO Box City State Zip Code

Contact Person: _____ Telephone #: (_____) _____ - _____ Email: _____

D. Continued - Utah Certified Asbestos Renovation/Abatement Contractor Information

Utah Certified Asbestos Supervisor for this Renovation/Abatement Project: _____ Certification # ASB- _____

Describe Scope of Work for this Project: _____

Attach additional pages to complete this AR/AN form, if necessary

Describe Engineering Controls to be used on this Project: _____

Attach additional pages to complete this AR/AN form, if necessary

E. Asbestos Containing Material (ACM) to be Removed (Please List Amounts and Unit Measures)

Ceiling Spray (ft²): _____ Floor Tile/Mastic (ft²): _____ Sheet Vinyl (ft²): _____

Asbestos Cement (ft²): _____ Pipe Insulation (lin ft): _____ Vermiculite (ft³): _____

Tank Insulation (ft²): _____ Sheetrock/Wall System (ft²): _____ Total Surfacing (ft²): _____

Other (Please specify) (ft², lin ft, ft³): _____ Other (Please specify) (ft², lin ft, ft³): _____

F. Asbestos Inspection Report Information

Utah Certified Asbestos Inspector: _____ Inspector Certification # ASB- _____
First Name Middle Initial Last Name

Utah Certified Asbestos Company: _____ Company Certification # ASBC- _____
Company Name

Date of Asbestos Inspection: _____ Asbestos Analytical Method Used: _____
Month/Day/Year

Is RACM Present? _____ Was the RACM Sampled or Assumed? _____

Is Non-Friable Asbestos Present? _____ Was the Non-Friable Asbestos Sampled or Assumed? _____

G. Waste Transporter/Disposal Site

Waste Transporter 1 Company Name: _____

Street Address/P.O. Box _____ City _____ State _____ Zip Code _____

Contact Person: _____ Telephone #: (____) ____ - _____ Email: _____

Waste Transporter 2 Company Name: _____

Street Address/P.O. Box _____ City _____ State _____ Zip Code _____

Contact Person: _____ Telephone #: (____) ____ - _____ Email: _____

Waste Disposal Site Name: _____

Street Address (Please, no P.O. Box) _____ City _____ State _____ Zip Code _____

Contact Person: _____ Telephone #: (____) ____ - _____ Email: _____

Individual Receiving Signed Waste Shipment Record: _____

Telephone #: (____) ____ - _____ Email: _____

H. Procedures to be followed in the event that RACM is found or generated during the Project:

Attach additional pages to complete this AR/AN form, if necessary

I. Asbestos Renovation/Abatement Notification Fee

Please read the instructions on the last page prior to completing this section of the form!

Project Type	Base Fee	Asbestos Renovation/Abatement Unit Fee For Total Square, Linear, or Cubic Feet Up To 10,000 feet	Asbestos Renovation/Abatement Unit Fee For Total Square, Linear, or Cubic Feet 10,000 feet or more	Total Asbestos Renovation/Abatement Notification Fee
Less than Asbestos NESHAP-Size Renovation/Abatement Project All Buildings	\$0.00	\$0.00	\$0.00	\$0.00
NESHAP-Size Renovation/Abatement Project Owner-Occupied Residential Structures	\$55.00	_____ X \$7.70 per 100 Square or Linear Feet or fraction thereof	_____ X \$3.85 per 100 Square or Linear Feet or fraction thereof	Base Fee + Unit Fee = Notification Fee
	\$55.00	_____ X \$23.10 per 100 Cubic Feet or fraction thereof	_____ X \$11.55 per 100 Cubic Feet or fraction thereof	Base Fee + Unit Fee = Notification Fee
NESHAP-Size Renovation/Abatement Project All Regulated Structures except Owner-Occupied Residential Structures	\$165.00	_____ X \$7.70 per 100 Square or Linear Feet or fraction thereof	_____ X \$3.85 per 100 Square or Linear Feet or fraction thereof	Base Fee + Unit Fee = Notification Fee
	\$165.00	_____ X \$23.10 per 100 Cubic Feet or fraction thereof	_____ X \$11.55 per 100 Cubic Feet or fraction thereof	Base Fee + Unit Fee = Notification Fee
Asbestos Annual Notification	\$550.00	\$0.00	\$0.00	Asbestos Annual Notification Fee
Total Project Fee				Base/Unit Fee(s) = Total Project Fee

J. Certification Statement

I hereby attest and affirm that the information included on this AR/AN form, including any attachments, is true and accurate to the best of my belief and knowledge. I acknowledge that any approval authorized pursuant to this notification will be subject to revocation if issuance was based on incorrect or inadequate information that materially affected the decision to issue the asbestos renovation/abatement project approval. I also attest and affirm that I will follow all work practice standards required by Utah Administrative Code R307-801.

Applicant's Signature

Date Signed

Applicant's Printed Name

Applicant's Title

Before delivering this Utah DEQ/DAQ AR/AN Form, please check to make sure you have:

<input type="checkbox"/> Filled out all sections of the AR/AN form completely and attached additional information as necessary?	<input type="checkbox"/> Enclosed or paid by credit card the appropriate asbestos renovation/abatement project notification fees?
<input type="checkbox"/> Signed and dated the AR/AN form?	<input type="checkbox"/> Made a copy of this AR/AN form for your files?

Submit the completed Asbestos Renovation/Abatement Notification Form, supporting materials, and fees to:

Utah Department of Environmental Quality
 Division of Air Quality
 195 North 1950 West, 4th Floor
 P.O. Box 144820
 Salt Lake City, UT 84114-4820
or
 asbestos@utah.gov

Official Use Only

PLEASE DO NOT WRITE IN THIS AREA

Official Use Only

Date Notification Received _____
Month/Day/Year Initials

Date Additional Information Requested _____
Month/Day/Year Initials

Date/Amount Fee Received _____
Month/Day/Year \$ Amount Initials

Date Additional Information Received _____
Month/Day/Year Initials

Date Notification Reviewed _____
Month/Day/Year Initials

Date Notification Accepted/Rejected _____
(circle one) Month/Day/Year Initials

Reason for Rejection: _____

Additional Information:

DAQA-458-18

Revision 1.1 - 6/30/18

General Instructions

This Asbestos Renovation/Abatement Notification (AR/AN) Form must be properly completed with the appropriate fee and returned to the Utah Department of Environmental Quality/Division of Air Quality (UDEQ/DAQ). You can also email this form to asbestos@utah.gov and pay with a credit card by calling 801-536-4000 or log on to your UDEQ/DAQ Asbestos/Lead-Based Paint (ALBoP) account. Projects that are small scale short duration (SSSD) amount (less than 3 ft², 3 linear feet, or 3 ft³ of regulated asbestos-containing material (RACM)) do not require notification. Projects that are greater than SSSD, but less than NESHAP-size projects (greater than 160 ft², 260 linear feet, or 35 ft³ of RACM) require at least one (1) day notice to the UDEQ/DAQ and there is no fee. Projects that are greater than NESHAP-size require ten (10) days notification to the UDEQ/DAQ. Please complete this AR/AN form by writing legibly (using blue or black ink only) or completing this PDF fillable form. **If you use this form's PDF fillable capability, please remember to save it to your desktop before closing or all information will be lost.** Please attach additional pages to complete this AR/AN form, if necessary.

The definition of "National Emission Standard for Hazardous Air Pollutants (NESHAP) renovation" and "abatement" in Utah Administrative Code R307-801 Utah Asbestos Rule means, "...any activity involving the removal, repair, demolition, salvage, disposal, cleanup, or other disturbance of regulated asbestos-containing material greater than the a small-scale, short-duration (SSSD) amount of asbestos-containing material". **Please remember to have a copy of the Asbestos Inspection Report produced by a Utah Certified Asbestos Inspector working for a Utah Certified Asbestos Company on-site and available at all times when asbestos renovation/abatement activities are being performed.**

For structures that meet the emergency asbestos renovation/abatement provisions, this AR/AN form should be delivered as soon as possible before (overnight delivery, hand carried, emailed to asbestos@utah.gov, or faxed to 801-536-4099), but no later than, the day after the renovation/abatement activities begin with the appropriate fee. An Emergency Asbestos Renovation/Abatement Notification Form must be submitted at the time of asbestos renovation/abatement notification form is submitted.

Section C. Asbestos Renovation/Abatement Dates Instructions

Please specify the dates when you will begin and end the asbestos renovation/abatement activities. If necessary, estimate the end date and time using your best professional judgment. Include the days and hours you will be working on the project. If the renovation/abatement activity start/end dates, work days, and/or work start/end times change, the UDEQ/DAQ must receive a revised notification no later than the day before the current project start date, or be contacted by telephone the day before the current project start date and a revised AR/AN form must be submitted to the UDEQ/DAQ no later than the current project start date.

Section I. Asbestos Renovation/Abatement Notification Fee Instructions

The UDEQ/DAQ has established an Asbestos Renovation/Abatement Notification Fee which includes a base fee and a per unit fee of the total footage of asbestos to be removed. To calculate the appropriate total Renovation/Abatement Notification Fee, determine the appropriate base fee and the total square, linear, or cubic footage of the asbestos to be removed and fill out the table appropriately. To properly calculate the **Total Asbestos Renovation/Abatement Notification Fee**, choose the appropriate structure type to determine the appropriate **Base Fee**, calculate the appropriate per unit fee for the less than 10,000 feet, and calculate the appropriate per unit fee for the 10,000 or more feet. Please remember, the **per unit fees are in blocks of 100 linear, square, or cubic feet or any fraction thereof.** Add the **Base Fee** and the per unit fee(s) to calculate the **Total Asbestos Renovation/Abatement Notification Fee.** The appropriate fee must be submitted to the UDEQ/DAQ at the time of Asbestos Renovation/Abatement notification.

D. Demolition Dates

Please read the instructions on the last page prior to completing this section!

Demolition Start Date: _____ Demolition End Date: _____
Month/Day/Year Month/Day/Year

Work days: Su M Tu W Th F Sa

E. Asbestos Inspection Report Information

Utah Certified Asbestos Inspector: _____ Inspector Certification # ASB- _____
First Name Middle Initial Last Name

Utah Certified Asbestos Company: _____ Company Certification # ASBC- _____
Company Name

Date of Asbestos Inspection: _____ Asbestos Analytical Method Used: _____
Month/Day/Year

Is RACM Present? _____ Was the RACM Sampled or Assumed? _____
(Write Sampled, Assumed, or Both)

Asbestos Containing Material to be Left in the Facility During Demolition:

Roofing: _____ Flooring: _____
Type/Amount Type/Amount

Other: _____ Other: _____
Type/Amount Type/Amount

***Please remember to keep a copy of the asbestos inspection report on-site and available when regulated work activities are being performed**

F. Procedures to be followed in the event that RACM is found or generated during the demolition:

Attach additional pages to complete this Demolition Notification Form, if necessary

G. Demolition Notification Fee

Please read the instructions on the last page prior to completing this section!

Structure Type	Base Fee	Each 5,000 ft ² Fee	Total Demolition Notification Fee
Regulated Structure	\$27.50	_____ X \$55.00	\$ _____
Moving School Portable Classroom	\$0	\$0	\$0

H. Certification Statement

I hereby attest and affirm that the information included on this Demolition Notification Form, including any attachments, is true and accurate to the best of my belief and knowledge. I acknowledge that any approval authorized pursuant to this notification will be subject to revocation if issuance was based on incorrect or inadequate information that materially affected the decision to issue the demolition project approval. I also attest and affirm that I will follow all work practice standards required by Utah Administrative Code R307-801.

Applicant's Signature _____

Date Signed _____

Applicant's Printed Name _____

Applicant's Title _____

D. Demolition Dates

Please specify the dates when you will actually begin and end the demolition activities. These are the days that you will start the demolition and end the demolition (including the removal of all demolition debris) and it is **NOT** a window of opportunity when you **MAY** be demolishing the structure. If necessary, estimate the end date using your best professional judgment and revise the notification form, if necessary. Revisions to the Demolition Notification Form can be made without charge. Include all days you will be working on the project. If the demolition activity start/end dates and/or work days change, you must notify the UDEQ/DAQ with a revised Demolition Notification Form no later than the day before the change (no telephone call required), or by telephone/email (asbestos@utah.gov) the day before the change and a Demolition Notification Form revision must be submitted to the UDEQ/DAQ no later than the day of the change.



State of Utah

Department of Environmental Quality
Division of Air Quality
ATLAS Section
195 North 1950 West, 4th Floor
P.O. Box 144820
Salt Lake City, Utah 84114-4820

asbestos@utah.gov

Utah DEQ/DAQ Date Received Stamp Only

Postmark Date: _____ Initials: _____
Check #/Credit Card Amount: _____

ASBESTOS ALTERNATIVE WORK PRACTICE REQUEST FORM

Please read the instructions on the last page of this form prior to completion. Please complete all sections of the form or write n/a. Improperly completed forms may be rejected delaying your project!!

A. Type of Notification

Initial AWPR Form (Please check this box, complete, and submit the entire form)

Revision to Initial or Previously Revised AWPR Form (Please check this box, complete all areas of Section B and any additional sections of this form which require amending, then submit the entire form)

AWPR Form Project Cancellation (Please check this box, complete all areas of Section B, then submit the entire form)

B. AWPR Facility Location

Facility Name: _____
For Residential Structures, put the owner's last name followed by the word "Residence"/For Public or Commercial Structures, put the business name followed by the word "Building"

Facility Address: _____
Street Address (Please, no P.O. Box) City State Zip Code

Parts of the Facility Involved: _____ Project Dates: _____

C. Asbestos Company Information

Company Name: _____ Company Certification #ASBC - _____

Company Address: _____
Street Address City State Zip Code

Contact Person: _____ Telephone #: (_____) _____ - _____ Email: _____

D. What State/Federal rule will the AWPR replace? (e.g. < 10D R307-801-11(1)(a), <10A R307-801-11(1)(c)(i), BF R307-801-11(1)(a), V R307-801-13(10))

Attach additional pages to complete this form, if necessary

E. Why is it not feasible to comply with the State/Federal Asbestos Rules/Regulations?

Attach additional pages to complete this form, if necessary

F. What alternative and equivalent engineering controls will be used to control asbestos?

Attach additional pages to complete this form, if necessary

G. AWPR Design

Please read the instructions on the last page prior to completing this section!!

Utah Certified Asbestos Project Designer: _____
First Name Middle Initial Last Name

Asbestos Project Designer Certification # ASB - _____

Utah Certified Asbestos Company: _____ Asbestos Company Certification # ASBC - _____
Company Name

H. Asbestos AWPR Fee

Please read the instructions on the last page prior to completing this section!!

AWPR Type	AWPR Fee	Total AWPR Fee
Training Providers and Single Family Owner Occupied Residential Structures	\$110.00	\$110.00
All Other Structures and Asbestos AWPRs <u>NOT</u> Specifically Identified Above	\$275.00	\$275.00

I. Certification Statement

I hereby attest and affirm that the information included on this Asbestos AWPR Form, including any attachments, is true and accurate to the best of my belief and knowledge. I acknowledge that I have read the instructions for this form found at the end of this document. I further acknowledge that any approval authorized pursuant to this Asbestos AWPR will be subject to revocation if issuance was based on incorrect or inadequate information that materially affected the decision to issue the Asbestos AWPR approval. I also attest and affirm that I will follow all work practice standards required by Utah Administrative Code R307-801.

Owner's/Contractor's Signature Date Signed

Owner's/Contractor's Printed Name Owner's/Contractor's Title

Before sending this Utah DEQ/DAQ Asbestos AWPR Form, please check to make sure you have:

Filled out all sections of the Asbestos AWPR form and attached additional information as necessary?	Enclosed or paid by credit card the appropriate Asbestos AWPR form fees?
Signed and dated the Asbestos AWPR form?	Made a copy of this Asbestos AWPR form for your files?

Mail original completed Asbestos AWPR Form, supporting materials, and fees to:

Utah Department of Environmental Quality
 Division of Air Quality
 195 North 1950 West
 P.O. Box 144820
 Salt Lake City, UT 84114-4820
or
 asbestos@utah.gov

Official Use Only

PLEASE DO NOT WRITE IN THIS AREA

Official Use Only

Date AWPR Form Received _____ Date Additional Information Requested _____
Month/Day/Year Initials Month/Day/Year Initials

Date/Amount Fee Received _____ Date Additional Information Received _____
Month/Day/Year \$ Amount Initials Month/Day/Year Initials

Date AWPR Form Reviewed _____ Date AWPR Form Accepted/Rejected _____
Month/Day/Year Initials (circle one) Month/Day/Year Initials

Reason for Rejection:

Additional Information:

DAQA-025-18

Revision 1.1 - 6/10/18

General Instructions

This Alternative Work Plan Request (AWPR) form must be properly completed with the appropriate fee and returned to the Utah Department of Environmental Quality/Division of Air Quality (UDEQ/DAQ) on traditional work days (Monday – Friday) and hours (8:00 AM – 5:00 PM) and be at least seventy-two (72) hours before proposing to begin any regulated work activities related to this AWPR. An AWPR is required when an entity believes it can not comply with the asbestos rules/regulations as written. Typically the entity must assure equal protection to human health and the environment through alternative means. Please remember that you cannot start any regulated work activities related to this AWPR until you have a signed approval letter from the UDEQ/DAQ.

The use of an AWPR form should be in rare cases when full compliance cannot be achieved with existing state administrative rules and federal regulations. The use of the AWPR form should not be part of an individual's or company's standard operating procedure. You can email this form to asbestos@utah.gov and pay with a credit card by calling 801-536-4000 or by logging on to your UDEQ/DAQ Asbestos Lead-Based Paint (ALBoP) account. Please remember to complete this form in its entirety by writing legibly (using blue or black ink only). **If you use this form's PDF fillable capability, please save it to your desktop before closing the document or all information will be lost.**

Section G. AWPR Design

A project design of the affected project portion must have sufficient diagrams, photographs, and description to define the AWPR scope of work and demonstrate that the AWPR is designed to achieve the control of asbestos equivalent to the Utah Asbestos Administrative Rules and Federal Asbestos Regulations, if appropriate. This AWPR must be designed by a Utah Certified Asbestos Project Designer working for a Utah Certified Asbestos Company. The approval of the AWPR applies only to the Utah Administrative Rule(s) and Federal Regulation(s) cited above and is specific to the project for which the request is submitted. All other regulatory requirements found in the Utah Asbestos Administrative Rules and Federal Asbestos Regulations will apply to this project, if applicable.

Section H. Asbestos AWPR Fee

The UDEQ/DAQ has established an AWPR Fee of \$110 for Training Providers and Owner Occupied Single Family Residential structures. A fee of \$275 is required for all other AWPRs not specifically identified above.