

CR 95-21



**CERTIFICATE**

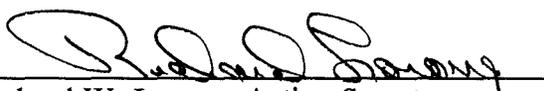
STATE OF WISCONSIN )  
 ) SS  
DEPARTMENT OF HEALTH AND SOCIAL SERVICES )

I, Richard W. Lorang, Acting Secretary of the Department of Health and Social Services and custodian of the official records of the Department, do hereby certify that the annexed rules relating to asbestos removal certification and training course accreditation were duly approved and adopted by this Department on May 22, 1995.

I further certify that this copy has been compared by me with the original on file in the Department and that this copy is a true copy of the original, and of the whole of the original.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the Department at the State Office Building, 1 W. Wilson Street, in the city of Madison, this 22nd day of May, 1995.

SEAL:

  
Richard W. Lorang, Acting Secretary  
Department of Health and Social Services

7-1-95

ORDER OF THE  
DEPARTMENT OF HEALTH AND SOCIAL SERVICES  
REPEALING, RENUMBERING, AMENDING, REPEALING AND RECREATING AND  
CREATING RULES

To repeal HSS 159.10(2)(e); to renumber HSS 159.21(3); to renumber and amend HSS 159.24(4); to amend HSS 159.02(1)(a) and (2), 159.03(2), (4), (6), (10), (11), (29) and (32), 159.10(1) and (2)(a) to (d), 159.11(1)(a) and (5)(Note), 159.12(1), 159.14(1)(Note), 159.20(2) and (3), 159.21(1)(Note), 159.22(1), (2) and (3), and 159.24(intro.) and (3); to repeal and recreate HSS 159.11(6)(c) and (d) and Appendix A; and to create HSS 159.03(5m), 159.03(20g), (20m), (21g), (21m) and (31g), 159.21(3) to (6) and 159.24(4) to (7), relating to certification to perform asbestos abatement activities or asbestos management activities and accreditation of training courses for persons performing asbestos abatement activities or asbestos management activities.

Analysis Prepared by the Department of Health and Social Services

Persons who perform asbestos abatement or asbestos management activities in or on school buildings, other publicly owned buildings, privately owned commercial buildings, privately owned residential buildings having 10 or more living units and privately owned residential buildings having fewer than 10 living units when the work is not done by the owner's employees or by the lessee or the lessee's employees are required by s. 254.20, Stats., to be certified by the Department. Certification is evidence that a person has successfully completed a training course that meets the requirements of the U.S. Environmental Protection Agency (EPA) and the Department's rules and that is accredited by the Department under its rules.

The Department's rules for its asbestos certification and training course accreditation program are in ch. HSS 159, Wis. Adm. Code. This order amends those rules to comply with EPA's amendment of the Model Accreditation Plan (MAP), 40 CFR Part 763, Subpart E, Appendix C, which regulates training and certification activities in the asbestos industry. EPA's revised standards were published in the Federal Register, February 3, 1994, 5236-5262, as interim final rules, with the final rules taking effect on October 4, 1994. States such as Wisconsin which had pre-existing federally authorized certification and training programs that did not fully comply with EPA's revised standards would have lost their authority to regulate training activities if their regulatory programs were not brought into compliance with federal MAP standards and EPA approval again obtained.

These amendments to ch. HSS 159 bring the Department's rules into compliance with EPA's new standards for asbestos certification and training. The changes include extending the required worker course from 3 days to 4 days and the required supervisor course from 4 days to 5 days, including more

information on certificates, adding recordkeeping retention periods for providers of accredited training courses and extending the certification exemption for "small-scale, short duration activities" from schools to public and commercial buildings.

The rule amendments were published as emergency rules on October 4, 1994, to enable the Department to continue monitoring training providers and thereby provide assurance that the training received by persons performing asbestos abatement or asbestos management is adequate so that when this work is done the health and safety of the workers and the public using the buildings are protected.

These are the permanent rules to replace the emergency rules.

The Department's authority to renumber, amend, repeal and recreate and create these rules is found in s. 254.20(9), Stats. The rules interpret s. 254.20, Stats.

SECTION 1. HSS 159.02 (1)(a) and (2) are amended to read:

HSS 159.02 SCOPE. (1) APPLICABILITY. (a) This subchapter and subch. II apply to any person performing asbestos abatement or asbestos management activities in or on a school building or other publicly owned or privately owned building, except for a ~~an owned or leased residential building of fewer than 10 units owned or leased by a private organization other than a school that uses its own employees where the owner or owner's employees or the lessee or lessee's employees are used to remove abate or manage~~ the asbestos.

HSS 159.02(2) APPROVED COMPARABLE COMPLIANCE. The department may approve an alternative to any requirement in this chapter ~~that is not a statutory requirement~~ when the department is provided with satisfactory proof that the alternative will achieve results which are ~~equally equivalent to~~ as stringent as the results of literal application of the requirement and which complies with applicable federal regulations.

SECTION 2. HSS 159.03(2) and (4) are amended to read:

HSS 159.03(2) "ACM" or "asbestos-containing material" means asbestos or any material or product which contains more than one percent of asbestos, as determined by a method approved by ~~the national institute of occupational safety and health (NIOSH), the U.S. environmental protection agency (EPA) or the U.S. occupational safety and health administration (OSHA).~~

(4) "Asbestos" means chrysotile, crocidolite, amosite, fibrous anthophyllite, fibrous tremolite and fibrous actinolite.

SECTION 3. HSS 159.03(5m) is created to read:

HSS 159.03 (5m) "Asbestos inspection" means those activities undertaken in a school building or a public or commercial building to specifically determine the presence or location or assess the condition of friable or non-friable ACM or previously identified or suspected ACM, whether by visual or physical examination or by collecting samples of the materials. "Asbestos inspection" includes reinspections of friable or non-friable known or assumed ACM which has been previously identified, but does not include:

(a) Periodic surveillance of the type described in 40 CFR 763.92(b) solely for the purpose of recording or reporting a change in the condition of known or assumed ACM;

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

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

SECTION 4. HSS 159.03(6), (10), (11) and (12) are amended to read:

HSS 159.03 (6) "Asbestos inspector" means a person who ~~inspects a building for the presence of ACM or reinspects the building to assess the condition of previously identified asbestos or the presence of other ACM~~ conducts an asbestos inspection.

(10) "Asbestos supervisor" means a person who oversees on-site an asbestos abatement ~~project~~ activity or an asbestos response action or functions as an air sampling professional and has the authority to require changes in performance practices or to halt the project.

(11) "Asbestos worker" means a person who performs asbestos abatement activities or asbestos response actions, including but not limited to sets setting up containment, repairs, removes removal, encapsulates encapsulation, encloses enclosure, leads loading out or disposes disposal of ACM from a building.

(12) "Building" means a any structure for support or shelter of persons or property, including all interior space and exterior surfaces, and a any non-occupied structures such as but not limited to a parking garages, a towers or a tunnels. This definition includes all interior or exterior building mechanical systems used to condition the interior space of the structure.

SECTION 5. HSS 159.03 (20g), (20m), (21g) and (21m) are created to read:

HSS 159.03 (20g) "Guest lecturer" means a person who teaches one topical area of an accredited asbestos training course and is a recognized professional in that topical field.

(20m) "Instructor" means a person who is trained in the principles and methods of adult learning, has training and experience in the topics he or she will teach and teaches more than one topical area in an accredited asbestos training course.

(21g) "Major fiber release episode" means any uncontrolled or unintentional disturbance of ACM, resulting in a visible emission, which involves the falling or dislodging of more than 3 square feet or 3 linear feet of friable ACM.

(21m) "Minor fiber release episode" means any uncontrolled or unintentional disturbance of ACM, resulting in a visible

emission, which involves the falling or dislodging of 3 or less square feet or 3 or less linear feet of friable ACM.

SECTION 6. HSS 159.03(29) is amended to read:

HSS 159.03(29) "Response action" means a method, ~~such as~~ including removal, encapsulation, enclosure, repair, or and operations and maintenance other than small scale short duration, for protecting that protects human health and the environment from friable ACM.

SECTION 7. HSS 159.03(31g) is created to read:

(31g) "Small scale short duration activities" or "SSSD activities" are tasks, not including major fiber release episodes, such as, but not limited to:

- (a) Removal of small amounts of asbestos-containing insulation on pipes;
- (b) Removal of small quantities of asbestos-containing insulation on beams above ceilings;
- (c) Replacement of an asbestos-containing gasket on a valve;
- (d) Installation or removal of a small section of drywall;
- (e) Installation of electrical conduits;
- (f) Removal of small quantities of ACM only if required in the performance of another maintenance activity not intended solely as asbestos abatement;
- (g) Minor repairs to damaged thermal system insulation which do not require removal;
- (h) Repairs to a piece of asbestos-containing wallboard; or
- (i) Repairs involving encapsulation, enclosure or removal of small amounts of friable ACM only if required in the performance of emergency or routine maintenance activity and not intended solely as asbestos abatement.

SECTION 8. HSS 159.03(32) is amended to read:

HSS 159.03(32) ~~"Trainer"~~ "Training provider" means any person, partnership, corporation, institution or any other organization or agency, including an agency of the state or local government, that seeks or receives accreditation for an asbestos abatement or management training course to be conducted by the ~~trainer~~ training provider.

SECTION 9. HSS 159.10(1) and (2)(a) to (d) are amended to read:

HSS 159.10 CERTIFICATION REQUIREMENT. (1) ASBESTOS ABATEMENT AND ASBESTOS MANAGEMENT PERSONNEL. Except for an O & M worker exempt under the provisions of sub.(2), no person subject to this chapter may act independently, under contract or be employed to perform any asbestos inspection, abatement, design, management or supervisory activity unless he or she has a valid certification card issued by the department.

(2)(a) The certification and identification requirements under this subchapter do not apply to O&M workers- who are:

1. Doing any of the following:

a. Performing work that meets the definition of SSSD, but not including taking action in response to a major fiber release episode;

b. Taking action in response to a minor fiber release episode; or

c. Performing work on small quantities of normally non-friable ACM which remains non-friable throughout the course of the work activity; and

2. Performing work that is non-repetitive and is not a series of small jobs that if performed sequentially would result in an abatement activity or response action.

(b) ~~A person functioning as an~~ An exempt O & M worker whose O & M activities will result in the disturbance of ACM shall complete 16 hours of training described in 40 CFR 763.92(a) and shall have evidence signifying completion of the course.

(c) An exempt O & M worker whose O & M activities will not normally result in the disturbance of ACM in a building where ACM may be present shall receive at least 2 hours of awareness training which shall include but need not be limited to the training described in 40 CFR 763.92(a).

(d) 1. An O & M worker who works in a school building or public building shall complete the training required under par.(b) or (c) ~~by the effective date of this chapter.~~ An O & M worker hired on or after August 1, 1990 shall complete the training within 60 days after being hired.

2. An O & M worker who works in a privately owned non-school building shall complete training required under par. (b) or (c) ~~by February 1, 1991.~~ An O & M worker hired on or after February 1, 1991 shall complete the training within 60 days after being hired.

SECTION 10. HSS 159.10 (2)(e) is repealed.

SECTION 11. HSS 159.11 (1)(a) and (5)(Note) are amended to read:

HSS 159.11 (1) CONDITIONS FOR CERTIFICATION. (a) A person wanting to be certified under this subchapter shall complete a department-accredited course in the particular job classification under sub.(2) in which certification is sought and pass an examination approved by the department. Each accredited course and training curriculum is separate and distinct from the others. A person seeking certification in any job classification may not attend 2 or more courses concurrently but may attend 2 or more courses sequentially.

(5) Note: For a copy of the application form, write or phone the Asbestos Training and Certification Program, Bureau of Public Health, 1414 E. Washington Ave, Madison, WI 53703, telephone (608) 266-9379.

SECTION 12. HSS 159.11 (6)(c) and (d) are repealed and recreated to read:

HSS 159.11(6)(c) The department may suspend, revoke or withhold certification by written notification to the person who applied for or was issued a certification card for any of the following reasons:

1. The person is not qualified to be certified;
2. The person has displayed a pattern of conduct which in the department's judgment constitutes unreasonable risk to the health and safety of persons or the environment;
3. The person performed work requiring certification at a job site without being in possession of a valid certification card;
4. The person permitted the duplication or use of the person's own training certificate or certification card by another person;
5. The person performed work for which certification has not been received;
6. The person obtained certification from a training provider who is not accredited to offer the training;
7. The person gained admission to or completed an asbestos training course through fraudulent means; or
8. The person provided false information as part of the application process, which may have included:

a. Fraudulent representation of training or examination documents;

b. Obtaining of training documentation through fraudulent means;

c. Gaining admission to and completing refresher training through fraudulent representation of initial or previous refresher training; or

d. Obtaining certification through fraudulent representation of certification requirements such as education, training, professional registration or experience.

(d) The person being certified is responsible for the card issued to him or her. The card is that person's property and is not the property of that person's employer. The employer may not confiscate the certification card of the person who has been certified. Any person who abates or manages asbestos that requires certification under s. HSS 159.02 (1)(a) shall possess the required certification card while the activities requiring certification are being performed.

SECTION 13. HSS 159.12 (1) is amended to read:

HSS 159.12 RECERTIFICATION. (1) No person may perform asbestos abatement or asbestos management activities after the expiration date on that person's certification card. To continue to perform those activities after that date, the person shall in advance of the expiration date take a refresher course in the job classification specified on the card, apply to the department for recertification, pay the fees, and be recertified by the department. The refresher course shall be specific to each job classification. Each refresher course shall be conducted as a separate course and may not be combined with any other training during the period of the refresher course.

SECTION 14. HSS 159.14 (1)(Note) is amended to read:

HSS 159.14 (1) Note: For a copy of the notification form, 4500-113, write or phone the Asbestos Training and Certification Program, Bureau of Public Health, Division of Health, 1414 E. Washington, Madison, WI 53703, telephone (608) 266-9382, or write the Asbestos Coordinator, Department of Natural Resources, Box 7921, Madison, WI 53707.

SECTION 15. HSS 159.20(2) and (3) are amended to read:

HSS 159.20(2) To obtain accreditation for a training course, a ~~trainer~~ training provider shall comply with subch. I, this subchapter and Section III of Appendix A, and the training course shall be in compliance with Section I of Appendix A.

(3) No ~~trainer training provider~~ may deny training to any person solely on account of sex, race, color, creed, national origin, ancestry, sexual orientation or disability.

SECTION 16. HSS 159.21 (1)(Note) is amended to read:

HSS 159.21 (1) Note: For a copy of the application form, write or phone the Asbestos Training and Certification Program, Bureau of Public Health, 1414 E. Washington Ave., Madison, WI 53703, telephone (608) 266-9382.

SECTION 17. HSS 159.21(2) is amended to read:

HSS 159.21(2) COURSE APPROVAL. (a) Contingent approval. The department shall review all information and materials submitted under sub. (1) for compliance with Appendix A and this subchapter. If the department determines that the information and materials are acceptable, the department shall grant contingent approval and notify the ~~trainer training provider~~ in writing within 60 days after receiving all required information and materials.

(b) Full approval. After the department grants contingent approval to a training course, a department representative shall monitor the course on-site to ascertain whether or not full approval should be granted. The department shall notify the ~~trainer training provider~~ in writing of approval or of disapproval within 60 days after monitoring the course. If accreditation is not granted, the department shall give the ~~trainer training provider~~ reasons in writing for the denial.

(c) Only training courses. The department does not give accreditation to an overall training program or to a training institution. Departmental accreditation is only for a specific training course designed for a person seeking certification or recertification in the job classification for which he or she is being trained. A ~~trainer training provider~~ may only list training courses as department or EPA accredited if those courses are accredited and relate to asbestos certification or recertification.

SECTION 18. HSS 159.21(3) is renumbered 159.21(7).

SECTION 19. HSS 159.21 (3) to (6) are created to read:

HSS 159.21 (3) INSTRUCTOR AND GUEST LECTURER APPROVAL. No person may function as an instructor of a contingently approved or fully approved training course or as a guest lecturer in a contingently approved or fully approved training course without being approved by the department under this section.

(4) INSTRUCTOR QUALIFICATIONS. (a) A person seeking approval as an instructor shall have successfully completed a two-day train-the-trainer course or an equivalent teaching methods course that meets the requirements of part I.7.A. of the model plan and shall also have successfully completed an accredited course in each discipline that the instructor intends to teach.

(b) A person seeking approval as an instructor shall produce verifiable documentation as described in the model plan that demonstrates that the person has relevant experience in the topic or topics the instructor will teach in an accredited training course.

(5) INSTRUCTOR APPROVAL PROCEDURE. The training provider shall submit documentation to the department of the training and experience of each person seeking instructor approval and shall obtain approval before any instruction is conducted by the proposed instructor in a contingently approved or fully approved training course.

(6) GUEST LECTURER APPROVAL PROCEDURE. The training provider shall submit to the department verifiable documentation that describes the professional training and experience of a guest lecturer in the topic the guest lecturer will teach, and references for the guest lecturer. The training provider shall submit that documentation at least 2 weeks before the start of a contingently approved or fully approved training course in which the guest lecturer is to participate.

**Note:** Submit all documentation to the Asbestos Training and Certification Program, Bureau of Public Health, 1414 E. Washington Ave., Madison WI 53703.

SECTION 20. HSS 159.22(1), (2) and (3) are amended to read:

HSS 159.22 TRAINING NOTIFICATION. (1) ~~A trainer~~ An accredited training provider shall notify the department whenever the ~~trainer training provider~~ has scheduled a an accredited training course to begin. Notification shall be made at least 3 weeks in advance of the starting date and shall include the names of all instructors and guest lecturers and the specific topics they will teach. ~~In an emergency, the~~ The trainer training provider shall notify the department by telephone of any change in the submitted schedule at least 24 hours before the start of the course. The ~~trainer training provider~~ shall notify the department as soon as possible if a scheduled course is canceled.

**Note:** To notify the department about a change in the schedule, phone (608) 266-9382.

(2) The ~~trainer~~ training provider shall permit department representatives to attend, evaluate and monitor any training course and have access to records of training courses at any reasonable time without charge or hindrance to the department.

(3) The ~~trainer~~ training provider shall notify the department before an unevaluated training staff member or faculty member not previously included in an application for accreditation will teach a training course. Notification to the department shall be at least one week before the start of the course.

SECTION 21. HSS 159.24(intro.) and (3) are amended to read:

HSS 159.24(intro.) The department may deny, revoke or suspend accreditation of a training course by written notification to the ~~trainer~~ training provider for a reason including but not limited to:

(3) Misrepresentation of a training course the extent of a training course's approval by a state or EPA; or

SECTION 22. HSS 159.24(4) is renumbered 159.24(8) and amended to read:

HSS 159.24(8) The violation of any provision of subch. I or this subchapter~~7~~.

SECTION 23. HSS 159.24(4) to (7) are created to read:

HSS 159.24(4) Failure to submit required information or notification to the department in a timely manner;

(5) Failure to maintain requisite records;

(6) Falsification of accreditation records, instructor qualifications or other accreditation information;

(7) Failure to adhere to the training standards and requirements of the EPA MAP or state accreditation program; or

SECTION 24. Appendix A of HSS 159 is repealed and recreated to read:

## Appendix A

### WISCONSIN MODEL ACCREDITATION PLAN AND TRAINING COURSE APPROVAL PROCEDURES

(adapted from 40 CFR 763, Subpart E, Appendix C)

#### I. Wisconsin Model Accreditation Plan

The Wisconsin Model Accreditation Plan has 8 components:

- (1) Initial training;
- (2) Examinations;
- (3) Refresher training course;
- (4) Verification of Qualifications;
- (5) Decertification requirements;
- (6) Reciprocity;
- (7) Instructor qualifications; and
- (8) Training provider recordkeeping requirements.

For purposes of the certification requirements in ch. HSS 159, the duration is specified in number of days. A day of training shall have a minimum of 6 classroom contact hours, excluding lunch and breaks, and shall not exceed 8 hours in one calendar day.

In several instances, initial training courses for a specific job classification, such as workers or inspectors require hands-on training. For asbestos supervisors and workers, hands-on training should include working with asbestos substitute materials, fitting and using respirators, use of glovebags, donning protective clothing, constructing a decontamination unit as well as other abatement work activities. Hands-on training must permit supervisors and workers to have actual experience performing tasks associated with asbestos abatement. For inspectors, hands-on training should include conducting a simulated building walk-through inspection and respirator fit testing.

#### 1. INITIAL TRAINING

The following are initial training course requirements for persons required to have certification under s. 254.20, Stats.:

**A. Asbestos Inspectors.** All persons seeking certification as inspectors shall complete a 3-day training course as a outlined below. The 3-day program shall include lectures, demonstrations, 4-hours of hands-on training, individual respirator fit testing, course review and written examination. The department recommends the use of audiovisual materials to complement lectures, where appropriate.

The inspector training course shall adequately address the following topics:

(a) *Background information on asbestos.* Identification of asbestos, and examples and discussions of the uses and locations of asbestos in buildings; and physical appearance of asbestos.

(b) *Potential health effects related to asbestos exposure.* The nature of asbestos related diseases; routes of exposure; dose-response relationship and the lack of a safe exposure level; the synergistic effect between cigarette smoking and asbestos exposure; the latency period for asbestos-related diseases; a discussion of the relationship of asbestos exposure to asbestosis, lung cancer, mesothelioma, and cancer of other organs.

(c) *Functions, qualifications and role of inspectors.* Discussions of prior experience and qualifications for inspectors and management planners; discussions of the functions of a certified inspector as compared to those of a certified management planner; discussion of inspection process including inventory of ACM and physical assessment.

(d) *Legal liabilities and defenses.* Responsibilities of the inspector and management planner; a discussion of comprehensive general liability policies, claims-made and occurrence policies, environmental and pollution liability policy clauses; state liability insurance requirements, bonding and the relationship between insurance availability to bond availability.

(e) *Understanding building systems.* The interrelationship between building systems, including: An overview of common building physical plan layout; heat, ventilation and air conditioning (HVAC) system types, physical organization, and where asbestos is found on HVAC components; building mechanical systems, their types and organization, and where to look for asbestos on such systems; inspecting electrical systems, including appropriate safety precautions; reading blueprints and as-built drawings.

(f) *Relations with the public, employes and building occupants.* Notifying employee organizations about the inspection; signs to warn building occupants; tact in dealing with occupants and the press; scheduling of inspections to

minimize disruption; and education of building occupants about actions being taken.

(g) *Pre-inspection planning and review of previous inspection records.* Scheduling the inspection and obtaining access; building record review; identification of probable homogeneous areas from blueprints or as-built drawings; consultation with maintenance or building personnel; review of previous inspection, sampling and abatement records of a building; the role of the inspector in exclusions for previously performed inspections.

(h) *Inspecting for friable and non-friable asbestos-containing material (ACM) and assessing the condition of friable ACM.* Procedures to follow in conducting visual inspections for friable and non-friable ACM; types of building materials that may contain asbestos; touching materials to determine friability; open return air plenums and their importance in HVAC systems; assessing damage, significant damage, potential damage, and potential significant damage; amount of suspected ACM, both in total quantity and as a percentage of the total area; type of damage; accessibility; material's potential for disturbance; known or suspected causes of damage or significant damage; and deterioration as assessment factors.

(i) *Bulk sampling and documentation of asbestos in schools.* Detailed discussion of the "Simplified Sampling Scheme for Friable Surfacing Materials (EPA 560/5-85-030a October 1985)"; techniques to ensure sampling in a randomly distributed manner for other than friable surfacing materials; sampling of non-friable materials; techniques for bulk sampling; sampling equipment the inspector should use; patching or repair of damage done in sampling; an inspector's repair kit; discussion of polarized light microscopy; choosing an accredited laboratory to analyze bulk samples; quality control and quality assurance procedures.

(j) *Inspector respiratory protection and personal protective equipment.* Classes and characteristics of respirator types; limitations of respirators; proper selection, inspection, donning, use, maintenance, and storage procedures for respirators; methods for field testing of the facepiece-to-mouth seal (positive and negative pressure fitting tests); qualitative and quantitative fit testing procedures; variability between field and laboratory protection factors; factors that alter respirator fit, such as facial hair; the components of a proper respiratory protection program; selection and use of personal protective clothing; use, storage, and handling of non-disposable clothing.

(k) *Recordkeeping and writing the inspection report.* Labeling of samples and keying sample identification to sampling

location; recommendations on sample labeling; detailing of ACM condition; photographs of selected sampling areas and examples of ACM inventory; information required for inclusion in the management plan by TSCA Title II section 203 (i)(1).

(L) *Regulatory review:*

- (1) EPA Worker Protection Rule 40 CFR Part 763, Subpart G;
- (2) Toxic Substances Control Act (TSCA) Title II;
- (3) OSHA Asbestos Construction Standard, 29 CFR 1926.58;
- (4) OSHA respirator requirements, 29 CFR 1910.134;
- (5) Friable ACM in Schools Rule, 40 CFR Part 763 Subpart F;
- (6) Applicable state and local regulations and differences between federal and state requirements where they apply and the effects, if any, on public and non-public schools, other public buildings and commercial buildings; and
- (7) National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 61 Subparts A and M.

(m) *Field trip.* To include a field exercise including a walk-through inspection; on-site discussion on information gathering and determination of sampling locations; on-site practice in physical assessment; classroom discussion of field exercise.

(n) *Course review.* Review of key aspects of the training course.

**B. Asbestos Management Planners.** All persons seeking certification as management planners shall complete an inspection training course as outlined above and a 2-day management planning training course. The 2-day training program shall include lectures, demonstrations, course review, and a written examination. The department recommends the use of audiovisual materials to complement lectures, where appropriate.

The management planner training course shall adequately address the following topics:

- (a) *Course overview.* The role and responsibilities of the management planner; operations and maintenance programs; setting work priorities; protection of building occupants.
- (b) *Evaluation and interpretation of survey results.* Review of TSCA Title II requirements for inspection and management plans as given in section 203 (i)(1) of TSCA Title II; summarized field

data and laboratory results; comparison between field inspector's data sheet with laboratory results and site survey.

(c) *Hazard assessment.* Amplification of the difference between physical assessment and hazard assessment; the role of the management planner in hazard assessment; explanation of significant damage, damage, potential damage, and potential significant damage; use of a description (or decision tree) code for assessment of ACM; assessment of friable ACM; relationship of accessibility, vibration sources, use of adjoining space, and air plenums and other factors of hazard assessment.

(d) *Legal implications.* Liability; insurance issues specific to planner; liabilities associated with interim control measures, in-house maintenance, repair, and removal; use of results from previously performed inspections.

(e) *Evaluation and selection of control options.* Overview of encapsulation, enclosure, interim operations and maintenance, and removal; advantages and disadvantages of each method; response actions described via a decision tree or other appropriate method; work practices for each response action; staging and prioritizing of work in both vacant and occupied buildings; the need for containment barriers and decontamination in response actions.

(f) *Role of other professionals.* Use of industrial hygienists, engineers and architects in developing technical specifications for response actions; any requirements that may exist for architect sign-off plans; team approach to design of high-quality job specifications.

(g) *Developing an operations and maintenance (O&M) plan.* Purpose of the plan; discussion of applicable EPA guidance documents; what actions should be taken by custodial staff; proper cleaning procedures; steam cleaning and high efficiency particulate air (HEPA) vacuuming reducing disturbance of ACM; scheduling O&M for off-hours; rescheduling or canceling renovation in areas with ACM; boiler room maintenance; disposal of ACM; in-house procedures for ACM - bridging and penetrating encapsulants; pipe fittings, metal sleeves, polyvinyl chloride (PVC), canvas, wet wraps, muslin with straps, fiber mesh cloth, mineral wool and insulating cement; discussion of employee protection programs and staff training; case study in developing an O&M plan (development and implementation process, and problems that have been experienced).

(h) *Regulatory review.*

(1) OSHA Asbestos Construction Standard, 29 CFR 1926.58;

(2) National Emissions Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61 Subparts A General Provisions, and M, National Emissions Standards for Asbestos;

(3) EPA Worker Protection Rule, 40 CFR Part 763, Subpart G;

(4) Toxic Substances Control Act (TSCA) Title II; and

(5) Applicable state regulations.

(i) *Recordkeeping for the management planner.* Use of field inspector's data sheet along with laboratory results; on-going recordkeeping as a means to track asbestos disturbance; procedures for recordkeeping.

(j) *Assembling and submitting the management plan.* Plan requirements in TSCA Title II section 203 (i)(1); management plan as a planning tool.

(k) *Financing abatement actions.* Economic analysis and cost estimates; development of cost estimates; present cost of abatement versus future operations and maintenance costs; Asbestos School Hazard Abatement Act grants and loans.

(1) *Course review.* Review of key aspects of the course.

**C. Asbestos Supervisors.** All persons seeking certification as asbestos supervisors shall complete a 5-day training course as outlined below. The training course shall include lectures, demonstrations, at least 14 hours of hands-on training, individual respirator fit testing, course review, and a written examination. The department recommends the use of audiovisual materials to complement lectures where appropriate.

For purposes of s. 254.20, Stats., asbestos supervisors include those persons who provide supervision and direction to workers engaged in asbestos removal, encapsulation, enclosure, and repair. Supervisors may include those individuals with the position title of foreman, working foreman, or leadperson pursuant to collective bargaining agreements. Under this Model Plan, as adapted from 40 CFR 763 Subpart E, Appendix C, at least one supervisor is required to be at the worksite at all times while work is in progress. Asbestos workers must have access to certified supervisors throughout the duration of the project.

The supervisors training course shall adequately address the following topics:

(a) *Physical characteristics of asbestos and asbestos containing materials.* Identification of asbestos, aerodynamic characteristics, typical uses, physical appearance, and a summary of abatement control options.

(b) *Potential health effects of asbestos exposure.* The nature of asbestos related disease; routes of exposure; dose-response relationship and the lack of a safe exposure level; synergism between cigarette smoking and asbestos exposure; latency period for disease.

(c) *Employe personal protective equipment.* Classes and characteristics of respirator types; limitations of respirators and their proper selection, inspection, donning, use, maintenance, and storage procedures; methods for field testing of the facepiece-to-face seal (positive and negative pressure fit tests); qualitative and quantitative fit testing procedures; variability between field and laboratory protection factors; factors that alter respirator fit, such as facial hair; the components of a proper respiratory protection program; selection and use of personal protective clothing; use, storage, and handling of non-disposable clothing; and regulations covering personal protective equipment.

(d) *State-of-the-art work practices.* Proper work practices for asbestos abatement activities including descriptions of proper construction of maintenance of barriers and decontamination enclosure systems; positioning of warning signs, electrical and ventilation system lockout; proper working techniques for minimizing fiber release; use of negative pressure ventilation equipment; use of high efficiency particulate air (HEPA) vacuums; proper clean-up and disposal procedures; work practices for removal, encapsulation, enclosure and repair; Emergency procedures for sudden releases; potential exposure situations, transport and disposal procedures, and recommended and prohibited work practices; discussion of new abatement - related techniques and methodologies.

(e) *Personal hygiene.* Entry and exit procedures for the work area; use of showers; avoidance of eating, drinking, smoking, and chewing gum or tobacco in the work area; potential exposures such as family exposure.

(f) *Additional safety hazards.* Hazards encountered during abatement activities and how to deal with them including electrical hazards, heat stress, air contaminants other than asbestos, fire and explosion hazards, scaffold and ladder hazards, slips, trips and falls, and confined spaces.

(g) *Medical monitoring.* OSHA and EPA Worker Protection Rule requirements for a pulmonary function test, chest x-rays and a medical history for each employee.

(h) *Air monitoring.* Procedures to determine airborne concentrations of asbestos fibers: a description of aggressive sampling, sampling equipment and methods, reasons for air monitoring, types of samples, and interpretation of results,

specifically from analysis performed by polarized light phase contrast, and electron microscopy analyses.

(i) *Relevant federal, state, and local regulatory requirements.* Procedures and standards including:

(1) Toxic Substances Control Act (TSCA) Title II;

(2) National Emission Standards for Hazardous Air Pollutants, 40 CFR 61 Subparts A, General Provisions, and M, National Emission Standards for Asbestos;

(3) OSHA standards for permissible exposure to airborne concentrations of asbestos fibers and respiratory protection. 29 CFR 1910.134 respiratory protection;

(4) OSHA Asbestos Construction Standard, 29 CFR 1926.58;  
and

(5) EPA Worker Protection Rule, 40 CFR Part 763 Subpart G.

(j) *Respiratory protection programs and medical surveillance programs.*

(k) *Insurance and liability issues.* Contractor issues; worker's compensation coverage and exclusions; third-party liabilities and defenses; insurance coverage and exclusions.

(l) *Recordkeeping for asbestos abatement projects.* Records required by federal, state, and local regulations; records recommended for legal and insurance purposes.

(m) *Supervisory techniques for asbestos abatement activities.* Supervisory practices to enforce and reinforce the required work practices and discourage unsafe work practices.

(n) *Contract specifications.* Discussion of key elements that are included in contract specifications.

(o) *Course review.* Review of key aspects of the training course.

**D. Asbestos Workers.** All persons seeking certification as asbestos workers shall complete a 4-day training course as outlined below. The asbestos worker training course shall include lectures, demonstrations, at least 14 hours of hands-on training, individual respirator fit testing, course review, and a written examination. The Department recommends the use of audiovisual materials to complement lectures where appropriate.

The worker training course shall adequately address the following topics:

(a) *Physical characteristics of asbestos.* Identification of asbestos, aerodynamic characteristics, typical uses, Physical appearance, and a summary of abatement control options.

(b) *Potential health effects related to asbestos exposure.* The nature of asbestos related diseases, routes of exposure, dose-response relationship and the lack of a safe exposure level, synergism between cigarette smoking and asbestos exposure, latency period for disease.

(c) *Employee personal protective equipment.* Classes and characteristics of respirator types; limitations of respirators and their proper selection, inspection, donning, use, maintenance, and storage procedures; methods for field testing of the facepiece-to-face seal (positive and negative pressure fitting tests); qualitative and quantitative fit testing procedures; variability between field and laboratory protection factors; factors that alter respirator fit, such as facial hair; the components of a proper respiratory protection program; selection and use of personal protective clothing; use storage, and handling of non-disposable clothing; and regulations covering personal protective equipment.

(d) *State-of-the-art work practices.* Proper asbestos abatement activities including description of proper construction of maintenance of barriers and decontamination enclosure systems; positioning of warning signs, electrical and ventilation system lockout; proper working techniques for minimizing fiber release; use of wet methods; use of negative pressure ventilation equipment; use of high efficiency particulate air (HEPA) vacuums; proper clean-up and disposal procedures; work practices for removal, encapsulation, enclosure and repair, emergency procedures for sudden release; potential exposure situations; transport and disposal procedures; recommended and prohibited work practices.

(e) *Personal hygiene.* Entry and exit procedures for the work area; use of showers; avoidance of eating, drinking smoking, and chewing (gum or tobacco) in the work area; and potential exposures such as family exposure.

(f) *Additional safety hazards.* Hazards encountered during abatement activities and how to deal with them, including electrical hazards, heat stress, air contaminants other than asbestos, fire and explosion hazards, scaffold and ladder hazards, slips, trips and falls, and confined spaces.

(g) *Medical monitoring.* OSHA and EPA Worker Protection Rule requirements for a pulmonary function test, chest x-rays and a medical history for each employee.

(h) *Air monitoring.* Procedures to determine airborne concentrations of asbestos fibers, focusing on how personal air sampling is performed and the reasons for it.

(i) *Relevant federal, state, and local regulatory requirements, procedures and standards.* With particular attention directed at relevant EPA, OSHA and state regulations concerning asbestos abatement workers.

(j) *Establishment of a respiratory protection program.*

(k) *Course review.* Review of key aspects of the training course.

#### **E. Project Designers.**

A person shall be certified as a project designer to design any of the following activities with respect to friable ACM in a school or in a public or commercial building:

- (1) A response action other than SSSD maintenance activity;
- (2) A maintenance activity that disturbs friable ACM other than a SSSD maintenance activity; or
- (3) A response action for a major fiber release episode.

All persons seeking certification as project designers shall complete a 3-day project designer training course as outlined below. The 3-day project designer training program shall include lectures, demonstrations, a field trip, course review, and a written examination. The department recommends the use of audiovisual materials to complement lectures, where appropriate.

The 3-day project designer training course shall adequately address the following topics:

(a) *Background information on asbestos.* Identification of asbestos; examples and discussions of the uses and locations of asbestos in buildings; physical appearance of asbestos.

(b) *Potential health effects related to asbestos exposure.* Nature of asbestos-related diseases; routes of exposure; dose-response relationships and the lack of a safe exposure level; the synergistic effect between cigarette smoking and asbestos exposure; the latency period of asbestos-related diseases; a discussion of the relationship between asbestos exposure and asbestosis, lung cancer, mesothelioma, and cancer of other organs.

(c) *Overview of abatement construction projects.* Abatement as a portion of a renovation project; OSHA requirements for

notification of other contractors on a multi-employer site (29 CFR 1926.58).

(d) *Safety system design specifications.* Construction and maintenance of containment barriers and decontamination enclosure systems; positioning of warning signs; electrical and ventilation system lock-out; proper working techniques for minimizing fiber release; entry and exit procedures for the work area; use of wet methods; proper techniques for initial cleaning; use of negative pressure exhaust ventilation equipment; use of high efficiency particulate air (HEPA) vacuums; proper clean-up and disposal of asbestos; work practices as they apply to encapsulation, enclosure, and repair; use of glove bags and a demonstration of glove bag use.

(e) *Field trip.* Visit an abatement site or other suitable building site, including on-site discussion of abatement design, building walk-through inspection, and discussion following the walk through.

(f) *Employee personal protective equipment.* To include the classes and characteristics of respirator types; limitations of respirators; proper selection, inspection, donning, use, maintenance, and storage procedures; methods for field testing of the facepiece-to-face seal (positive and negative pressure fitting tests); qualitative and quantitative fit testing procedures; variability between field and laboratory protection factors; factors that alter respirator fit, such as facial hair; components of a proper respiratory protection program; selection and use of personal protective clothing; use, storage, and handling of non-disposable clothing; regulations covering personal protective equipment.

(g) *Additional safety hazards.* Hazards encountered during abatement activities and how to deal with them, including electrical hazards, heat stress, air contaminants other than asbestos, fire and explosion hazards.

(h) *Fiber aerodynamics and control.* Aerodynamic characteristics of asbestos fibers; importance of proper containment barriers; settling time for asbestos fibers; wet methods in abatement; aggressive air monitoring following abatement; aggressive air movement and negative pressure exhaust ventilation as a clean-up method.

(i) *Designing abatement solutions.* Discussion of removal, enclosure, and encapsulation methods; asbestos waste disposal.

(j) *Final clearance process.* Discussion of the need for a written sampling rationale for aggressive final air clearance; requirements of a complete visual inspection; and the relationship of the visual inspection to final air clearance; the

use of transmission electron microscopy (TEM) in air clearance and lab accreditation under National Institute of Standards and Technology (NIST) or National Voluntary Laboratory Accreditation Program (NVLAP).

(k) *Budgeting and cost estimation.* Development of cost estimates; present cost of abatement versus future operations and maintenance costs; setting priorities for abatement jobs to reduce cost.

(l) *Writing abatement specifications.* Preparation of and the need for written project design; means and methods specifications versus performance specifications; design of abatement in occupied buildings; modification of guide specifications to a particular building; worker and building occupant health and medical considerations; replacement of ACM with non-asbestos substitutes; clearance of work area after abatement; air monitoring for clearance.

(m) *Preparing abatement drawings.* Significance and need for drawings; use of as-built drawings; use of inspection photographs and on-site reports; methods of preparing abatement drawings; diagramming containment barriers; relationship of drawings to design specifications; particular problems in abatement drawings.

(n) *Contract preparation and administration.*

(o) *Legal liabilities and defenses.* Insurance considerations; bonding; hold harmless clauses; use of abatement contractor's liability insurance; claims-made versus occurrence policies.

(p) *Replacement.* Replacement of asbestos with asbestos-free substitutes.

(q) *Role of other consultants.* Development of technical specifications sections by industrial hygienists or engineers; the multidisciplinary team approach to abatement design.

(r) *Occupied buildings.* Special design procedures required in occupied buildings; education of occupants; extra monitoring recommendations; staging of work to minimize occupant exposure; scheduling of renovation to minimize exposure.

(s) *Relevant federal, state and local regulatory requirements:*

(1) Toxic Substances Control Act (TSCA) Title II;

(2) National Emission Standards for Hazardous Air Pollutants, 40 CFR Part 61, Subparts A, General Provisions, and M, National Emission Standards for Asbestos;

(3) OSHA standards for permissible exposure to airborne concentrations of asbestos fibers and respiratory protection, 29 CFR 1910.134;

(4) EPA Worker Protection Rule, 40 CFR Part 763, Subpart G;

(5) OSHA Asbestos Construction Standard, 29 CFR 1926.58;  
and

(6) OSHA Hazard Communication Standard found at 29 CFR 1926.59.

(t) *Course review.* Review of key aspects of the training course.

**F. Roofing Workers.** All persons seeking certification as roofing workers shall complete a one-day roofing worker training course as outlined below. The one day course shall include lectures, demonstrations and hands-on, a course review and a written examination.

The roofing workers training course shall adequately address the following topics within the minimum amount of class time specified:

(a) *Asbestos characteristics.* Identification of asbestos, aerodynamic characteristics, typical asbestos uses in roofing. Duration: 45 minutes.

(b) *Potential health effects of asbestos exposure.* The nature of asbestos related diseases, lack of a safe exposure level, synergism between cigarette smoking and asbestos exposure, routes of exposure, dose-response relationship, latency period. Duration: 45 minutes.

(c) *Personal protective equipment.* Classes and characteristics of respirators, qualitative and quantitative fit testing, personal protective clothing, risk of family exposure, medical surveillance, limitations of respirators, field testing respirators, respirator protection factors, factors that alter respirator fit, use/storage/handling of non-disposable clothing, respiratory protection, proper selection/inspection/donning/use/storage procedures for respirators, components of a proper respiratory protection program. Duration: 2 hours.

(d) *Regulations for workers.* Wisconsin Department of Natural Resources regulations, Wisconsin Department of Health and Social Services regulations, U.S. Occupational Safety and Health Administration regulations, U.S. Environmental Protection Agency regulations, Wisconsin Department of Industry, Labor and Human Relations regulations, Wisconsin Department of Transportation regulations. Duration: 45 minutes.

(e) *State of the art work practices.* General safety, engineering controls, wet methods associated with roofing work, NESHAP category I and II roofing material, operations and maintenance criteria, impact of roofing activities on interior asbestos-containing materials, air sampling for worker's interpretation of results, handling procedures for asbestos-containing roofing materials, proper use of power equipment, demonstration of decontamination procedure, decontamination units. Duration: 2 hours.

**G. Roofing Supervisors.** All persons seeking certification as roofing supervisors shall complete a one-day roofing worker course as outlined above and an additional one-day roofing supervisor training course. The training program shall include lectures, demonstrations and hands-on, course review and a written examination.

The training course shall adequately address the following topics within a minimum amount of class time specified:

(a) *Bulk sampling for asbestos-containing roofing materials.* Techniques for bulk sampling and sampling equipment, quality control and assurance procedures, use of respiratory protection, repair of the sampling area, use of polarized light microscopy. Duration: 30 minutes.

(b) *Air sampling for airborne asbestos fibers.* Regulations and recordkeeping, calibration, interpreting results, asbestos analysis by PCM/TEM, equipment terminology, air sampling strategies and techniques for roofs. Duration: 1 hour.

(c) *Regulations for supervisors.* U.S. Occupational Health and Safety Administration regulations 29 CFR 1926.58 (asbestos construction standards), 29 CFR 1926.59 (hazard communication standard) and 29 CFR 1910.134 (respiratory protection), Wisconsin Administrative Code Chapter ILHR 32 (asbestos regulations for public sector employees), Wisconsin Department of Transportation regulations, Wisconsin Administrative Code Chapter HSS 159 (asbestos certification), overview of U.S. Environmental Protection Agency regulations 40 CFR 763 Asbestos Hazard Emergency Response Act (AHERA), Wisconsin Administrative Code Chapter NR 447 (control of asbestos emissions) and Section NR 502.06(3) (collection and transportation). Duration: 1 hour 30 minutes.

(d) *Insurance and liability issues.* Tort law, occurrence insurance, regulatory law, claims made insurance, contractual law, worker's compensation. Duration: 30 minutes

(e) *Other supervisory issues.* Emergency planning, contract specifications, slower work productivity, fear associated with asbestos work, logistical problems related to asbestos-containing

roofing materials, negative pressure and local exhaust ventilation. Duration: 1 hour.

(f) *On-site representative or competent person.* Glove bags and how they work, negative pressure enclosures, local exhaust ventilation systems, considerations when coordinating with asbestos abatement personnel. Duration: 45 minutes.

## 2. EXAMINATIONS

The department shall administer a closed book examination or designate other entities such as department-approved training courses to administer the closed book examination to persons seeking certification who have completed an initial training course. Demonstration testing may also be included as part of the examination. A person seeking certification in a specific job classification shall pass the examination for that classification to receive certification. For example, a person seeking certification as an inspector must pass the department-approved inspector certification examination.

Each examination shall adequately cover the topics included in the training course for that classification. Persons who pass the department-approved examination and fulfill whatever other requirements the department imposes shall receive an identification card indicating that they are certified in a specific classification.

The following are the requirements for examinations in each area:

1. Asbestos Inspectors - 50 multiple choice questions, 70% passing score.
2. Asbestos Management Planners - 50 multiple choice questions, 70% passing score.
3. Asbestos Supervisors - 100 multiple choice questions, 70% passing score.
4. Asbestos Workers - 50 multiple choice questions, 70% passing score.
5. Project Designers - 100 multiple choice questions, 70% passing score.
6. Roofing Workers - 35 multiple choice questions, 70% passing score.
7. Roofing Supervisors - 50 multiple choice questions, 70% passing score.

(a) A teaching methods course which covers at a minimum the following topics: principles of adult learning, training course design, non-lecture instructional methods, use of audio-visual and other instructional resources, teaching methods such as, instructional objectives, guided discovery and learning styles, and maintaining classroom control for a learning environment.

The course shall consist of at least 16 hours of instruction and shall include a practice teaching component involving critique and evaluation of the applicant's teaching skills. Any degree that covers the topics required by this subdivision satisfies this requirement; and

(b) Certification in the disciplines that the instructor intends to instruct in.

#### B. Experience

A person seeking approval as an instructor of an asbestos course in any discipline shall be minimally qualified in the topics to be taught by having at least one year of experience in the 5 years preceding an application for approval in performing or being directly responsible for the tasks that are, or are closely related to the tasks performed in the asbestos discipline in which the applicant intends to teach.

#### C. Equivalent training and experience

The department may approve training and experience qualifications other than those in parts A and B if the department, following consideration and evaluation of them on a case by case basis finds that they are substantially equivalent to the training and experience qualifications in parts A and B.

### 8. TRAINING PROVIDER RECORDKEEPING REQUIREMENTS

All accredited asbestos training providers shall comply with the following minimum recordkeeping requirements for all accredited training courses.

1. Training course materials. A training provider must retain copies of all instructional materials used in the delivery of the classroom training such as student manuals, instructor notebooks and handouts.

2. Instructor and guest lecturer qualifications. A training provider must retain copies of all instructor resumes, and the documents approving each instructor issued by the Wisconsin department of health and social services. Instructors must be approved by the department of health and social services before teaching courses for accreditation purposes. A training provider must notify the department of health and social services

(2) A letter from the training course sponsor that clearly indicates how the course meets the Wisconsin Model Accreditation Plan requirements for:

- (a) Length of training in days;
  - (b) Amount and type of hands-on training; and
  - (c) Topics covered in the course.
- (3) A course curriculum;
- (4) Course materials (student manuals, instructor notebooks, handouts, etc.);
- (5) A copy of the keyed exam;
- (6) A detailed statement about the development of the examination used in the course;
- (7) Student notification of exam scores;
- (8) Names and qualifications of course instructors. Instructors shall have academic credentials and/or field experience in asbestos abatement;
- (9) Course evaluation forms;
- (10) Description and an example of numbered certificates issued to students who attend the course and pass the examination;
- (11) Advertising materials;
- (12) Training schedule; and
- (13) Copies of approval letters from EPA and other states.

Information and materials for refresher courses are similar to those above, except for exam development requirements.

Each certificate issued to a person seeking certification shall contain the following minimum information:

- a. A unique certificate number;
- b. Name of the person who completed the training;
- c. Discipline of the training course completed;
- d. Dates of the training course;

e. Date of the examination;

f. An expiration date of one year after the date upon which the person successfully completed the course and examination;

g. The name, address and telephone number of the training provider that issued the certificate.

h. A statement that the person receiving the certificate has completed the requisite training for asbestos certification under TSCA Title II; and

i. A statement that the student passed the examination.

The department may revoke or suspend approval if an on-site audit indicates that a training course is not conducting training that meets the requirements of the Wisconsin Model Accreditation Plan. Training course sponsors shall permit department representatives to attend, evaluate and monitor any training course without charge to the department. Department representatives may not give advance notice of their audits.

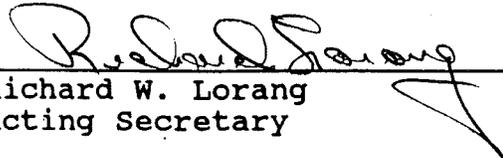
The department will submit a list of training courses that have been granted accreditation consistent with the Wisconsin Model Accreditation Plan to the U.S. EPA for publication in the Federal Register.

The rules contained in this order shall take effect on the first day of the month following publication in the Wisconsin Administrative Register as provided in s. 227.22 (2), Stats.

Wisconsin Department of Health and  
Social Services

Dated: May 22, 1995

By:

  
Richard W. Lorang  
Acting Secretary

SEAL:

Tommy G. Thompson  
Governor  
Gerald Whitburn  
Secretary



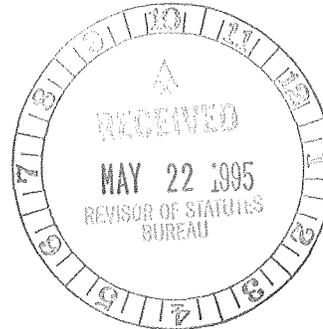
Mailing Address  
1 West Wilson Street  
Post Office Box 7850  
Madison, WI 53707-7850  
Telephone (608) 266-9622

## State of Wisconsin Department of Health and Social Services

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May 22, 1995

Mr. Bruce E. Munson  
Revisor of Statutes  
131 W. Wilson St., Suite 800  
Madison, WI 53703



Dear Mr. Munson:

As provided in s. 227.20, Stats., there is hereby submitted a certified copy of ch. HSS 159, administrative rules relating to asbestos removal certification and training course accreditation.

These rules are also being submitted to the Secretary of State as required by s. 227.20, Stats.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard W. Lorang".

Richard W. Lorang  
Acting Secretary

Enclosure