Florida Department of Business & Professional Regulation

Division of Professions
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MOLD RELATED SERVICES LICENSING PROGRAM

RULES HEARING AGENDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
1940 NORTH MONROE STREET
TALLAHASSEE, FL 32399
Meeting Notice

The Telephone Conference Number is 888.670.3525 and the Participant Passcode is 2295006118#

FEBRUARY 26, 2015
10:00 A.M.

I. Call to Order

II. Opening Remarks

III. Rule Discussion

- **Chapter 61-31.701 Minimum Standards of Practice for Mold Assessors**
- **Chapter 61-31.702 Minimum Standards of Practice for Mold Remediators**

IV. Closing Remarks

V. Adjournment

February 26, 2015 Hearing Draft
Underline indicated additions. ~~Strikethrough~~ indicates deletions.

61-31.701 Minimum Standards of ~~and~~ Practice~~s~~ for Mold Assessors.

(1) Where there is the presence of mold growth of greater than 10 square feet, t~~T~~he mold assessor shall inspect and physically sample ~~all~~ the area(s) ~~area~~ where there are physical indicators of mold growth ~~to identify the presence of mold growth of greater than 10 square feet~~. ~~The mold assessor shall use personal protective equipment such as gloves and respiratory protection (*e.g.*, N-95) if performing the inspection will disturb mold.~~

(2) The mold assessor shall prepare, for the client, a Mold Assessment Evaluation (MAE), which is a document that shall specify the following information:

(a) The name and license number of the mold assessor who performed the mold assessment;

(b) The mold assessor's hypothesis about the origin and identity of the mold growth;

(c) The room(s) or area(s) where mold growth is present;

(d) The estimated extent of the mold growth (in square feet) in each room or area; and

(e) The specific indicators of mold growth identified during the inspection referenced in subsection (1), including, at a minimum:

1. Suspect mold growth,
2. Musty odor,
3. Moisture damage, and
4. Damp building materials or conditions.

(3) The mold assessor shall document the location and material sampled, the sampling method used, the date the sample was collected, the name of the person who collected the sample, the sample identification code, and the project name or number for each physical sample of mold growth. The mold assessor shall also document the sample's chain of custody, which shall include who has possession of the sample and where the sample is located, until the sample is submitted to a laboratory for analysis as described in subsection (4).

(4) The mold assessor shall submit all mold samples to a laboratory accredited as operating to the ISO 17025 standard by an accreditation body or a laboratory enrolled in a proficiency testing program ~~certified by the American Industrial Hygiene Association (AIHA) in accordance with the Environmental Microbiology Proficiency Analytical Testing (EMPAT) Program~~ for analysis. The mold assessor shall provide the laboratory's report regarding the mold sample(s) to the client.

(5) For the purposes of subsections (3) and (4), a sample is submitted to a laboratory for analysis when the sample is provided directly to the laboratory or when the sample is provided to a carrier for shipment to the laboratory.

Rulemaking Authority 468.8424 FS. Law Implemented 468.842(1)(j) FS. History–New_____.

61-31.702 Minimum Standards of ~~and~~ Practice~~s~~ for Mold Remediators.

(1) Mold Remediation Work Plan (MRWP). The mold remediator shall prepare, for the client, a written MRWP, which is a document that shall specify the following information:

(a) The name and license number of the mold remediator who is responsible for ~~will perform~~ the mold remediation;

(b) Specific procedures for how the mold remediation will be performed;

(c) The mold remediator's proposed method to stop the source of moisture intrusion ~~and/~~or humidity within the building and his or her recommendation as to whether the client needs to consult with or hire a ~~(which may require an appropriate~~ building moisture expert, ~~plumber, roofer, air conditioning or mechanical~~ contractor, ~~and/or drying contractor~~ or other tradesperson to identify and repair the moisture intrusion or humidity problem~~)~~; and

(d) The steps the mold remediator will take to physically remove the mold while protecting the health and safety of the building occupants and mold remediation workers.

(2) Before performing the mold remediation ~~When preparing the MRWP~~, the mold remediator shall:

(a) Inform the client ~~and building occupants~~ of activities that will disturb or will have the potential to disturb areas of mold contamination before the mold remediation begins;

(b) Determine requirements for building containment area(s) and~~/or~~ isolation requirements;

(c) Identify the methods, equipment, and techniques to be used during the mold remediation; ~~and~~

(d) Determine the mold remediation worker personal protective equipment (PPE) requirements for the mold remediation;~~.~~

(e) Determine the building HVAC system(s) that should be shut down or isolated from the mold remediation work area(s); and

(f) Consult with the client on the presence of any lead paint and asbestos within the mold remediation work area(s).

~~(3) HVAC System(s). Prior to performing the mold remediation, the mold remediator shall determine whether the building HVAC system(s) should be shut down and/or isolated from the mold remediation work area(s).~~

(3)~~(4)~~ When performing a mold remediation, the mold remediator shall:

(a) Ensure that the mold remediation work area is unoccupied while the mold remediation workers are present;

(b) Display signs that bear the words "Do not enter" or "Authorized personnel only" in at least a 72-point font in black on a yellow background at all accessible entrances to areas undergoing mold remediation ~~Cover surfaces within the mold remediation work area that could become contaminated during the mold remediation with 6-mil, fire retardant polyethylene sheeting before the mold remediation~~;

(c) Shutdown or isolate HVAC system(s) from the mold remediation work area(s) ~~Cover ventilation and HVAC ducts and grills within the containment area with 6-mil, fire retardant polyethylene sheeting before the mold remediation to contain dust and debris and prevent further contamination~~;

(d) Determine whether humidity control is required for the mold remediation;

(e) Use wet methods, High-Efficiency Particulate Air (HEPA) vacuum-shrouded tools, ~~and/~~or HEPA vacuum equipment at the point of dust generation when using mold remediation practices that create excessive dust such as cutting, grinding, ~~and/~~or resurfacing materials; and

(f) Remove mold contaminated materials that cannot be cleaned in place from the building in sealed ~~impermeable~~ plastic bags ~~and/~~or wrapped in ~~6-mil, fire retardant~~ polyethylene sheeting that has at least 6-mil of thickness for either disposal or off-site cleaning and HEPA vacuum the area from which the materials were removed after the area has dried. ~~; and~~

~~(g) Display signs advising that a mold remediation project is in progress at all accessible entrances to areas undergoing mold remediation. The signs shall bear the words "NOTICE: Mold remediation in progress" in at least a 72-point font in black on a yellow background.~~

(4)~~(5)~~ When performing a mold remediation for an area of 10 to 100 ft^2 of surface area of mold contamination, the mold remediator shall~~:~~

~~(a) Ensure that all mold remediation workers wear gloves, eye protection, and respiratory protection (e.g., N-95 disposable respirator); and~~

~~(b) Construct a Limited Containment area as follows:~~

(a) Isolate the mold remediation work area from the return air plenum if the mold remediation involves ~~and/~~or exposes a space above the ceiling used as a return air plenum; and

(b)~~1.~~ Prepare the mold remediation work ~~containment~~ area by covering ~~protecting~~ environmental surfaces and contents that could become contaminated during the mold remediation with ~~a single layer of 6-mil, fire retardant~~ polyethylene sheeting that has at least 4-mil of thickness; or ~~and/or enclosing the mold remediation area with a layer of 6-mil, fire retardant polyethylene sheeting on the walls and floors;~~

(c) Prepare a containment area by enclosing the mold remediation work area with polyethylene sheeting that has at least 6-mil of thickness on the walls and floors. When utilizing a containment area, the mold remediator shall:

~~2. If the mold remediation involves and/or exposes a space above the ceiling used as a return air plenum (i.e., mold impacted ceiling tile removal), the containment area shall be installed from the floor to the roof deck accordingly;~~

1. ~~3. When enclosing the mold remediation work area,~~ Iinstall an entry or egress slit opening with a cover flap or a zippered opening on the outside of the containment area;

~~2. 4. Shutdown and/or isolate HVAC system(s) operation within the containment area~~;

2. ~~5. When enclosing the mold remediation work area,~~ Sseal all HVAC supply and return air vents, exhaust systems, doorways, chases, and risers within the containment area with ~~a single layer of 6 mil, fire retardant~~ polyethylene sheeting that has at least 6-mil of thickness; ~~and~~

3. Cover surfaces and contents within the mold remediation work area that could become contaminated during the mold remediation with polyethylene sheeting that has at least 4-mil of thickness before the mold remediation; and

4. ~~6.~~ Maintain the containment area under negative pressure (i.e., recommended 0.02" H_2O) relative to the surrounding area outside containment. *Note:* utilizing negative-pressure differentials within building structures can create unintended airflow hazards in both hot and humid and cold climate conditions; therefore, the mold remediator shall exercise caution in an effort to prevent or minimize these unintended airflow hazards.

(5)~~(6)~~ When performing a mold remediation for an area of greater than 100 ft^2 of surface area of mold contamination, the mold remediator shall prepare a containment area as follows:

~~(a) Ensure that all mold remediation workers wear PPE, which includes respirators, gloves, eye protection, and full body coveralls with head and foot coverings; and~~

~~(b) Construct a Full Containment area as follows:~~

1. Enclose ~~Form the containment area by enclosing~~ the mold remediation area with ~~a double layer of~~ ~~6-mil, fire retardant~~ polyethylene sheeting that has at least 6-mil of thickness on the walls and floors;

2. ~~If the mold remediation involves and/or exposes a space above the ceiling used as a return air plenum (i.e., mold impacted ceiling tile removal),~~ Isolate the mold remediation work ~~containment~~ area ~~shall be installed~~ from the return air plenum if the mold remediation involves or exposes a space above the ceiling used as a return air plenum ~~floor to the roof deck accordingly~~;

3. Construct a decon chamber ~~(i.e., with dirty and clean side airlock rooms)~~ for entry and egress;

4. Decon chamber entryways ~~(i.e., mold remediation area and clean room side)~~ shall consist of a slit entry with covering flaps or a zippered opening on the outside surface of each slit entry;

5. The decon chamber ~~dirty room side~~ shall be large enough to hold a waste container and allow for the removal of protective clothing (i.e., disposal coveralls, gloves, head and foot coverings)~~. All PPE except respirators shall be removed and placed in the waste container while in this chamber~~;

~~6. The decon chamber clean room side shall be large enough to allow mold remediation workers to put on and remove PPE as they enter and exit the dirty room;~~

6. ~~7.~~ Cover surfaces and contents within the mold remediation work area that could become contaminated during the mold remediation with ~~6 mil, fire retardant~~ polyethylene sheeting that has at least 4-mil of thickness before the mold remediation ~~Shut down and/or isolate HVAC system(s) operation within the containment area~~;

7. ~~8.~~ Cover all HVAC supply and return air vents, exhaust systems, doorways, chases and risers within the containment area with ~~a single layer of 6-mil, fire retardant~~ polyethylene sheeting that has at least 6-mil of thickness; and

8. ~~9.~~ Maintain the containment area under negative pressure (i.e., recommended 0.02" H_2O) relative to surrounding area outside containment. *Note:* utilizing negative-pressure differentials within building structures can create unintended airflow hazards in both hot and humid and cold climate conditions; therefore, the mold remediator shall exercise caution in an effort to prevent or minimize these unintended airflow hazards.

(6) In order to comply with the polyethylene sheeting thickness requirements within subsections (3), (4), or (5), the mold remediator shall use:

(a) At least one layer of polyethylene sheeting that has the thickness of the required mil amount or greater; or

(b) Multiple layers of polyethylene sheeting that, when combined, would total the thickness of the required mil amount or greater.

~~(7) If the mold remediator knows or suspects that the mold contaminated materials are contaminated with sewage, chemical pollutants, or biological pollutants, then the mold remediator and his or her workers shall use PPE, which includes respirators, gloves, eye protection, and full body coveralls with head and foot coverings.~~

~~(8) The following~~ methods ~~guidelines shall be followed for the mold remediation of materials with mold growth:~~

~~Table 1~~
~~Guidelines for Mold Remediation of Materials with Mold Growth~~

~~Material or Furnishing Affected~~	~~Cleanup Methods~~
~~Total Surface Area Affected Between 10 and 100 ft^2~~	
~~Books and papers~~	~~3~~
~~Carpet and backing~~	~~1, 3~~
~~Concrete or cinder block~~	~~1, 3~~
~~Hard surface, porous flooring (linoleum, ceramic tile, vinyl)~~	~~1, 2, 3~~
~~Non-porous, hard surfaces (plastics, metals)~~	~~1, 2, 3~~
~~Upholstered furniture & drapes~~	~~1, 3~~
~~Wallboard (drywall and gypsum board)~~	~~3~~
~~Wood surfaces~~	~~1, 2, 3~~
~~Total Surface Area Affected Greater Than 100 ft^2 or Potential for Increased Occupant or Mold Remediator Exposure During Mold Remediation Estimated to be Significant~~	
~~Books and papers~~	~~3~~
~~Carpet and backing~~	~~1, 3~~
~~Concrete or cinder block~~	~~1, 3~~
~~Hard surface, porous flooring (linoleum, ceramic tile, vinyl)~~	~~1, 2, 3~~
~~Non-porous, hard surfaces (plastics, metals)~~	~~1, 2, 3~~
~~Upholstered furniture & drapes~~	~~1, 3~~
~~Wallboard (drywall and gypsum board)~~	~~3~~
~~Wood surfaces~~	~~1, 2, 3~~
~~Cleanup Methods Key:~~ ~~Method 1: Wet vacuum or, in the case of carpets and upholstered materials, steam clean.~~ ~~Method 2: Damp wipe surfaces with water and detergent solution unless the surface is wood. Damp wipe wood surfaces with wood floor cleaner.~~ ~~Method 3: High Efficiency Particulate Air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA~~	

~~vacuum in well-sealed plastic bags.~~

(6)~~(9)~~ At the conclusion of the mold remediation, the mold remediator shall:

(a) HEPA vacuum and then clean, with a damp cloth (or mop) and a detergent, the mold remediation work area as well as access and egress areas;

(b) Place the polyethylene sheeting that was used for containment or as surface covers in sealed impermeable plastic bags and remove the bags from the building for disposal;

(c) Leave all areas and surfaces dry and visibly free of contamination and debris; and

(d) Provide the client with documentation clearly stating the mold remediation has been ~~successfully~~ completed.

Rulemaking Authority 468.8424 FS. Law Implemented 468.842(1)(j) FS. History–New_____.