

MOLD PREVENTION AND REMEDIATION

Approved by the
Wisconsin Department of Safety and Professional Services
Course Identification Number 14239
Expiration Date: 12/17/2022
Educational Credit Hours: 6 Hours

Course Provider
USCONTRACTORLICENSE LLC dba Kevin Wunderlin
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Molds are the most common forms of fungi found on earth. They can grow on almost any material, as long as moisture and oxygen are available. Most molds reproduce through the formation of spores, tiny microscopic cells that are resistant to drying and are released into the air. Individuals involved in the construction trades come into contact with mold during a renovation or maintenance of building. This course is intended to give employers and employees a fundamental knowledge of mold prevention and remediation solutions when working on a construction project.

This course has been approved for the following Certification or License for 6 Hours of Continuing Education which are administered by the Wisconsin Department of Safety and Professional Services.

Dwelling Contractor Qualifier Certification	Manufactured Home Installer License

This course is a distance learning or e-learning course, which allows the attendee to complete the course on their time schedule.

OUTLINE OF COURSE

GLOSSARY OF TERMS

INTRODUCTION TO MOLD

- What are Molds?
- What Mold needs to Grow
- Moisture Control
- Health Effects
- Allergic Reactions, Asthma Attacks, Irritant Effects

- Other Health Effects
- The Color of Mold
- Moldy Smell
- Biocides

WHERE AND WHY MOLD GROWS

- Introduction to Mold Growth
- Moisture Problems
- Humidity
- HVAC System
- Condensation
- Ventilation Humidity Problems
- Structural Integrity
- Crawl Spaces
- Drying Buildings, Building Materials and Furnishings
- Floods

FINDING MOLD AND MOISTURE

- Building Investigation
 - Carpet
 - Hidden Mold Growth
 - Homes
 - Commercial Buildings, Large Buildings and Schools
- Equipment
- Mold Sampling Considerations
- Mold versus Soot and Dirt

GENERAL REMEDIATION ISSUES

- Dry Quickly
- Assess Mold Problem
- Remediation Plan
- Mold Remediation Procedures
 - Wet Vacuum
 - Damp Wipe
 - HEPA Vacuum
 - Disposal of Damaged Materials

LARGE AREAS AND OTHER SPECIAL CONSIDERATIONS

- Remediating Large Areas of Mold Contamination
- Mold Remediation in HVAC System

Confined Spaces

CONTAINMENT AND PERSONAL PROTECTIVE EQUIPMENT

Overview of Containment

Limited Containment

Full Containment

Personal Protective Equipment

EVALUATING THE REMEDIATION

Completing Mold remediation

Consider Bioaerosol Sampling

COMMUNICATING WITH BUILDING OCCUPANTS

Communicate When You Remediate

PREVENTION

Mold Prevention

Hidden Areas

Routine Maintenance

RESOURCE LIST

INFORMATION FOR MOLD CONTRACTORS & CONSULTANTS IN WISCONSIN

INFORMATION FOR WISCONSIN RESIDENTS

Consumers

Professional/Technical Information on Mold

Exam

One Hundred eighty questions related to the Reference Materials are used to test the attendee on their comprehension of the materials. A 70% score will need to be attained in order to pass this course.

SPS 322 Energy Conservation

Wisconsin Department of Safety and Professional Services

Course Identification Number: 10888

Expiration Date: 08/11/2024

Credit Hours: 6 Hours

Course Provider: USCONTRACTORLICENSE LLC dba Kevin Wunderlin

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Course Type: Continuing Education
Dwelling Contractor Qualifier
UDC Construction Inspector

SPS 322 – Energy Conservation

This course (6 hour continuing education) is designed to familiarize Contractors and Inspectors with information on the updated construction codes required for building a home, according to the Uniform Dwelling Code (UDC). SPS 322 and the commentary are used as reference materials.

This course is a distance learning or e-learning course, which allows the attendee to complete the course on their time schedule.

EXAM

180 questions related to the Reference Materials are used to test the attendee on their comprehension of the materials. A 70% score will need to be attained in order to pass this course.

Topics covered in this course include Scope, Application, Definitions, Insulation Materials and Installation, Dwelling Thermal Envelope, Systems and Simulated Performance Alternative are included in this course.

Subchapter I — Scope and Application

SPS 322.01 Scope.

SPS 322.02 Application.

Subchapter II — Definitions

SPS 322.10 Definitions.

Subchapter III — Insulation Materials and Installation

SPS 322.20 Basic requirements.

SPS 322.21 Protection of insulation.

Subchapter IV — Dwelling Thermal Envelope

SPS 322.30 General design requirements.

SPS 322.31 Prescriptive insulation and fenestration criteria.

SPS 322.32 Specific insulation requirements.

SPS 322.33 Slab floors.

SPS 322.34 Crawl spaces.

SPS 322.35 Thermally isolated sunrooms.

SPS 322.36 Fenestration.

SPS 322.37 Air leakage.

SPS 322.38 Vapor retarders.

SPS 322.39 Ventilation and moisture control.

Subchapter V — Systems

SPS 322.40 Indoor temperatures and equipment sizing.

SPS 322.41 Temperature control.

SPS 322.42 Duct systems.

SPS 322.43 Duct and plenum sealing.

SPS 322.44 Pipe insulation.

SPS 322.45 Air conditioner and heat pump efficiencies.

SPS 322.46 Replacement furnace and boiler efficiencies.

Subchapter VI — Simulated Performance Alternative

SPS 322.50 General.

SPS 322.51 Performance-based compliance.

SPS 322.52 Documentation.

SPS 322.53 Calculation procedure.