



COLORADO ENVIRONMENTAL PESTICIDE EDUCATION PROGRAM

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TECHNICIANS - STRUCTURAL

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This fact sheet outlines who structural technicians are and how they are trained as defined by the Colorado Applicators Act.

<http://www.cepep.colostate.edu>

Who Are Structural Technicians and How are They Trained?

The Colorado Department of Agriculture (CDA) requires people who work for Commercial Applicators, if they do not have a certified operators (CO) license or a qualified supervisors (QS) license to be verifiably trained. This factsheet describes who structural technicians are and what the training requirements are for them.

Who is a technician?

1. A person who uses, sells, or recommends a general use pesticide while on the job with a certified operator or experienced technician
2. A person who uses, sells, or recommends a restricted use pesticide while under the on-site supervision of a qualified supervisor

A person who is employed by a commercial applicator may not use, sell, or recommend general use pesticides if not accompanied by a qualified supervisor, certified operator, or experienced technician without completing the training required by the [Rules and Regulations of the Pesticide Applicators' Act](#).

Who is NOT a technician?

1. A person who uses, sells, or recommends a general use pesticide while under the on-site supervision of a qualified supervisor
2. A person who evaluates any pest problem while under the on-site supervision of a qualified supervisor

Who employs technicians?

1. Commercial Applicators
2. Limited Commercial Applicators
3. Public Applicators

Each commercial, limited commercial, or public applicator licensed or registered in any category must maintain a [Technician Training Verification Form](#) established by the commissioner for each technician trained by the commercial applicator.

What types of turf and ornamental technician are there?

1. **Applicator technician** – a basic technician who has not met experience requirements for other categories and applies pesticides
2. **Experienced technician** – a technician who has been trained and has 1 season of experience, including time in training, within the last 3 years

3. **New hire experienced technician** — a technician who has met the experience requirements within the last 3 years, but is a new employee
4. **On-going technician** - (Applicator/Sales technician) a technician continuing to work for the same entity after their first season of experience
5. **Sales technician** – a technician who sells pesticide applications and does not apply pesticides

What are the training requirements for structural technicians - wood destroying organisms, fumigation, and residential/commercial pest control categories?

Applicator and Sales technicians

- 160 total hours minimum
 - 32 hours – classroom-instructional training on laws and regulations, environmental precautions, use, equipment and calibration, pesticides and their families, pest management, applicator safety, pesticide label and labeling, host and pest identification, and public safety
 - 120 hours – on-the-job training on environmental precautions, use, equipment and calibration, pesticides and their families, applicator safety, pesticide label and labeling, host and pest identification, and public safety
 - At least 60 hours of the on-the-job training must be conducted by a licensed qualified supervisor or a certified operator with at least 1 year of structural pesticide application experience within the last 2 years
 - No more than 60 hours of the on-the-job training may be conducted by an experienced technician
 - 8 hours – divided between classroom-instructional training and on-the-job training as the need is determined by the qualified supervisor
 - Successfully complete a written examination prepared and given by the commercial applicator showing overall comprehension of the subject matter of all the training

Experienced technicians

- 32 hours total minimum
 - 16 hours – classroom-instructional training on laws and regulations, environmental precautions, use, equipment and calibration, pesticides and their families, pest management, applicator safety, pesticide label and labeling, host and pest identification, and public safety
 - 16 hours – on-the-job training by a licensed qualified supervisor or certified operator with at least 1 year of structural pesticide application experience within the last 2 years on use, equipment and calibration, applicator safety, pesticide label and labeling, host and pest identification, and public safety
 - Experienced sales technicians are not required to complete training in use, equipment and calibration, or applicator safety

On-going technicians

- 2 hours per month of training over a 6 month period include at least 3 hours of classroom instruction training. 9 hours shall be divided between classroom instruction and on-the-job training as determined by the qualified supervisor. Training must be conducted by either a licensed qualified supervisor or certified operator with at least 1 year of structural pesticide applicator experience within the last 2 years

- Each technician must also successfully complete a written examination prepared and given by the commercial applicator showing overall comprehension of the subject matter of all the training

What are the training requirements for structural technicians – outdoor vertebrate pest control, stored commodities treatment, wood preservation and wood products treatment categories?

Applicator technicians

- 36 total hours minimum
 - 12 hours – classroom-instructional training on laws and regulations, environmental precautions, use, equipment and calibration, pesticides and their families, pest management, applicator safety, pesticide label and labeling, host and pest identification, and public safety
 - 24 hours – on-the-job training by a licensed qualified supervisor or certified operator with at least 1 year of structural pesticide application experience within the last 2 years on experience environmental precautions, use, equipment and calibration, pesticides and their families, pest management, applicator safety, pesticide label and labeling, host and pest identification, and public safety
 - At least 8 hours of the on-the-job training must be conducted by a licensed qualified supervisor or a certified operator with at least 1 year of structural pesticide application experience within the last 2 years
 - No more than 16 hours of the on-the-job training may be conducted by an experienced technician

Sales technicians

- 36 total hours minimum
 - 12 hours – classroom-instructional training on laws and regulations, environmental precautions, pesticides and their families, pest management, pesticide label and labeling, host and pest identification, and public safety
 - 16 hours – on-the-job training by a licensed qualified supervisor or certified operator with at least 1 year of structural pesticide application experience within the last 2 years on environmental precautions, pesticides and their families, pest management, pesticide label and labeling, host and pest identification, and public safety
 - At least 8 hours of the on-the-job training must be conducted by a licensed qualified supervisor or a certified operator with at least 1 year of structural pesticide application experience within the last 2 years
 - No more than 8 hours of the on-the-job training may be conducted by an experienced technician
 - 8 hours – divided between classroom-instructional training and on-the-job training as determined by the qualified supervisor

Experienced technicians

- 16 hours total minimum
 - 4 hours – classroom-instructional training on laws and regulations, environmental precautions, use, equipment and calibration, pesticides and their families, pest management, applicator safety, pesticide label and labeling, host and pest identification, and public safety

- 8 hours – on-the-job training by a qualified supervisor or certified operator with at least 1 year of structural pesticide application experience within the last 2 years on environmental precautions, use, equipment and calibration, pesticides and their families, pest management, applicator safety, pesticide label and labeling, host and pest identification, and public safety
- 4 hours – divided between classroom-instructional training and on-the-job training as the need is determined by the qualified supervisor
- Experienced sales technicians are not required to complete training in use, equipment and calibration, or applicator safety

On-going technician

- 4 hours of training conducted by a licensed qualified supervisor or certified operator with at least 1 year of structural pesticide application experience within the last 2 years. The training must be divided between classroom-instructional training and on-the-job training as determined by the qualified supervisor
 - Training can be in any of the following areas: laws and regulations, environmental precautions, pesticides and their families, pest management, pesticide label and labeling, host and pest identification, and public safety

New Hire Experienced technician (wood destroying organisms, fumigation, or residential/commercial pest control)

- 32 hours total minimum
 - 16 hours – classroom-instructional training on laws and regulations, environmental precautions, use, equipment and calibration, pesticides and their families, pest management, applicator safety, pesticide label and labeling, host and pest identification, and public safety.
 - 16 hours – on-the-job training by a qualified supervisor or certified operator with at least 1 season of structural pesticide application experience within the last 2 years on use, equipment and calibration, applicator safety, pesticide label and labeling, host and pest identification, and public safety
 - Experienced sales technicians are not required to complete training in use, equipment and calibration, or applicator safety

New Hire Experienced technician (outdoor vertebrate pest control, stored commodities treatment, wood preservation and wood products treatment or interior plant pest control)

- 16 hours total minimum
 - 4 hours — classroom-instructional training on laws and regulations, environmental precautions, use, equipment and calibration, pesticides and their families, pest management, applicator safety, pesticide label and labeling, host and pest identification, and public safety
 - 8 hours — on-the-job training conducted by a licensed qualified supervisor or a licensed certified operator which has at least 1 season of structural pesticide application experience within the last 2 years on use, equipment and calibration, pesticides and their families, pest management, applicator safety, pesticide label and labeling, host and pest identification, and public safety

References and Resources

Pesticide Applicators' Act. Title 35, Article 10, Colorado Department of Agriculture, Division of Plant Industry, Lakewood, CO.

<http://www.cepep.colostate.edu/PAA.pdf>

Rules and Regulations Pertaining to the Administration and Enforcement of the Pesticide Applicators' Act. Title 35, Article 10. Colorado Department of Agriculture, Division of Plant Industry, Lakewood, CO.

<http://www.cepep.colostate.edu/PAA%20Rule.pdf>

Technician Training Requirements and Technician Training Documentation Forms. Colorado Department of Agriculture, Division of Plant Industry, Lakewood, CO.

<https://www.colorado.gov/pacific/agplants/pesticide-technician-training>

[CEPEP Home Page](#)