

Comm 22 Energy Conservation
Wisconsin Department of Commerce
Course Identification Number: 10888
Expiration Date: 08/11/2014
Credit Hours: 6 Hours

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Course Type: Continuing Education
Dwelling Contractor Qualifier
UDC Construction Inspector

Comm 22 – 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). Comm 22 and the commentary are used as reference materials.

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

Comm 22.01 Scope.

Comm 22.02 Application.

Subchapter II — Definitions

Comm 22.10 Definitions.

Subchapter III — Insulation Materials and Installation

Comm 22.20 Basic requirements.

Comm 22.21 Protection of insulation.

Subchapter IV — Dwelling Thermal Envelope

Comm 22.30 General design requirements.

Comm 22.31 Prescriptive insulation and fenestration criteria.

Comm 22.32 Specific insulation requirements.

Comm 22.33 Slab floors.

Comm 22.34 Crawl spaces.

Comm 22.35 Thermally isolated sunrooms.

Comm 22.36 Fenestration.

Comm 22.37 Air leakage.

Comm 22.38 Vapor retarders.

Comm 22.39 Ventilation and moisture control.

Subchapter V — Systems

Comm 22.40 Indoor temperatures and equipment sizing.

Comm 22.41 Temperature control.

Comm 22.42 Duct systems.

Comm 22.43 Duct and plenum sealing.

Comm 22.44 Pipe insulation.

Comm 22.45 Air conditioner and heat pump efficiencies.

Comm 22.46 Replacement furnace and boiler efficiencies.

Subchapter VI — Simulated Performance Alternative

Comm 22.50 General.

Comm 22.51 Performance-based compliance.

Comm 22.52 Documentation.

Comm 22.53 Calculation procedure.