SELECT ONE OF TWO OPTIONS

Compliance Paths

The Mandatory Requirements apply regardless of the compliance path chosen

OPTION 1 + MANDATORY REQUIREMENTS
ASHRAE 90.1 - 2010

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OPTION 2 + MANDATORY REQUIREMENTS
2012 IECC
ASHRAE 90.1 - 2010

ASHRAE 90.1 - OR -

PRESCRIPTIVE

MANDATORY REQUIREMENTS

PERFORMANCE

MANDATORY REQUIREMENTS
ASHRAE 90.1 – 2010
PRESCRIPTIVE MANDATORY REQUIREMENTS

MANDATORY

• Section 5.4.1 Insulation
• Section 5.4.2 Fenestration and Doors
• Section 5.4.3 Air Leakage
• Section 6.4.1 Equipment Efficiencies
• Section 6.4.2 Calculations
• Section 6.4.3 Controls
• Section 6.4.4 HVAC System Construction and Insulation
• Section 7.4.1 Load Calculations
• Section 7.4.2 Equipment Efficiency
• Section 7.4.3 Service Hot-Water Piping Insulation
• Section 7.4.4 Service Water Heating System Controls
• Section 7.4.5 Pools
• Section 7.4.6 Heat Traps
• Section 8.4.1 Voltage Drop
• Section 8.4.2 Automatic Receptacle Control
• Section 9.4.1 Lighting Control
• Section 9.4.2 Exit Signs
• Section 9.4.3 Exterior Building Lighting Power
• Section 9.4.4 Functional Testing
• Section 10.4.1 Electric Motors
• Section 10.4.2 Service Water Pressure Booster Systems
• Section 10.4.3 Elevators
ASHRAE 90.1 – 2010
PERFORMANCE METHOD

ENERGY COST BUDGET (ECB)

- Section 11
ASHRAE 90.1 – 2010
MANDATORY REQUIREMENTS

- Section 5.4.1 Insulation
- Section 5.4.2 Fenestration and Doors
- Section 5.4.3 Air Leakage
- Section 6.4.1 Equipment Efficiencies
- Section 6.4.2 Calculations
- Section 6.4.3 Controls
- Section 6.4.4 HVAC System Construction and Insulation
- Section 7.4.1 Load Calculations
- Section 7.4.2 Equipment Efficiency
- Section 7.4.3 Service Hot-Water Piping Insulation
- Section 7.4.4 Service Water Heating System Controls
- Section 7.4.5 Pools
- Section 7.4.6 Heat Traps
- Section 8.4.1 Voltage Drop
- Section 8.4.2 Automatic Receptacle Control
- Section 9.4.1 Lighting Control
- Section 9.4.2 Exit Signs
- Section 9.4.3 Exterior Building Lighting Power
- Section 9.4.4 Functional Testing
- Section 10.4.1 Electric Motors
- Section 10.4.2 Service Water Pressure Booster Systems
- Section 10.4.3 Elevators
2012 IECC

- OR -

PRESCRIPTIVE

MANDATORY REQUIREMENTS

PERFORMANCE

MANDATORY REQUIREMENTS
2012 IECC
PRESCRIPTIVE METHOD

• Section C402
• Section C403
• Section C404
• Section C405
• Section C406 (select one)
  • Section C406.2
  • Section C406.3
  • Section C406.4

• PLUS
  • MANDATORY REQUIREMENTS
MANDATORY REQUIREMENTS

- Section C402.4 Air Leakage
- Section 402.4.1 Air Barriers
- Section 402.4.2 Air Barrier penetrations
- Section 402.4.3 Air Leakage of Fenestration
- Section 402.4.4 Door and Access Openings to Shafts, Chutes, Stairways, and Elevator Lobbies
- Section 402.4.5 Air Intakes, Exhaust Openings, Stairways, and Shafts
- Section 402.4.6 Loading Dock Seals
- Section 402.4.7 Vestibules
- Section 402.4.8 Recessed Lighting
- Section C403.1 Building Mechanical Systems
- Section C404.1 Service Water Heating
- Section C405.1 Electrical Power and Lighting Systems
2012 IECC
PERFORMANCE METHOD

The energy costs of the proposed building to be less than or equal to of the referenced building

• Section C407
2012 IECC
MANDATORY REQUIREMENTS

- Section C402.4
- Section C403.2
- Section C404
- Section C405