

2015 USBC Administrative and Related Codes

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2015 Virginia Amusement Device Regulations

- 13VAC5-31-75

2015 Virginia Construction Code

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- 1705.2.3 Open-Web Steel Joists and Joist Girders
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2015 Virginia Residential Code

- Table R301.7 New Deflection Criteria
- R303.4 Mechanical Ventilation
- R308.4.2 Glazing Adjacent to Doors, R308.4.5 Glazing and Wet Surfaces
- R308.4.7 Glazing adjacent to Bottom Stair Landing
- R310.3.2.1 Drainage Required for Bulkheads
- R310.5, 310.6 EERO for Additions, Alterations, and Repairs
- R312.1.2 Guard Height
- R331 Interior Passage
- R314 Smoke Alarms
- R322.1, 322.2 Flood Hazards
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- R404.1.1 Design Required (foundation walls)
- R408.2 Openings for Under-Floor Ventilation
- R507.2 Deck Ledger Connection to Band Joist

- R602.7 Headers, Header Tables
- R602.7.1 Single Member Headers
- R802.2 Design and Construction
- R1003.18 Chimney Clearances

2015 Virginia Energy Conservation Code



- R401.2 Compliance
- R402.1.1 /N1102.1.1 Vapor Retarder
- R402.1.3/N1102.1.3 R-Value Computation
- R402.2.4/N1102.2.4 Access Hatches and Doors
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- R402.4.2/N1102.4.2 Fireplaces
- R402.4.4 Rooms Containing Fuel-Burning Appliances
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- C402.1.1 Low-Energy Buildings (exemptions)
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- C402.2.3 Thermal Resistance of Above-Grade Walls
- C402.4.3 Maximum U-Factor
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- Table C403.2.3 Minimum Efficiency Requirements
- C403.2.6.3 Ventilation
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- C403.2.15 – C403.2.17 Coolers, Freezers and Refrigeration
- C404.4 Insulation of Piping (service water heating)
- C404.5 Efficient Heated Water Supply Piping
- C404.6 Heated-Water Circulating and Temperature Maintenance Systems
- C405.2.1 Occupant Sensor Controls
- C405.2.1.1 Occupancy Sensor Control Function
- C405.2.2 Timed Switch Controls
- C405.2.2.1 Timed-Switch Control Function
- C405.2.3 Day Lighting Controls
- C405.4.2 Interior Lighting Power
- C405.6 Electrical Energy Consumption (Mandatory)

- C405.7 Electrical Transformers Mandatory
- C405.8 Electrical Motors Mandatory
- C405.9 Vertical and Horizontal Transportation Systems and Equipment
- C405.9.1 Elevator cabs
- C405.9.2 Escalators and Moving Walks
- C406 Additional Efficiency Package Options; and new list

2015 Virginia Existing Building Code

- VCC 103.1.1
- VEBC Table of Contents
- 101.5 Use of Terminology and Notes
- Throughout – References to IFC construction requirements deleted
- Throughout – Deleted references to “dangerous” and “unsafe” provisions
- Throughout – Deleted “subject to the approval of the building official”
- 102.2 Scope
- 103.10 Construction Documents
- 202 Existing Building
- 202 Change of Occupancy
- 202 Repair
- 202 Work Area
- 302 Building Materials and Systems
- 303 Fire Escapes
- 304 Glass Replacement and Replacement Windows
- 306 Group B Teaching and Research Laboratories
- 307 Reroofing and Roof Repair
- Deletion – Smoke alarm retrofit requirements eliminated from 2012 VRC sections 402.5, 403.6, and 1104.1
- 402 Change of Occupancy
- 403 Additions
- 404 Alterations
- 404.3 Alterations Affecting an Area Containing a Primary Function
- 405 Historic Buildings
- Chapter 5 Repairs
- 501.1 Exception
- 602 Level 1 Alterations
- 603 Level 2 Alterations
- 604 Level 3 Alterations

- Alteration Provisions for Reroofing
- Chapter 7 Change of Occupancy
- 701.1 Exception
- 701.1 Scope
- 701.2 Work Undertaken in Connection with a Change of Occupancy
- 710.1 Exception
- Chapter 8 Additions
- Chapter 9 Historic Buildings
- Chapter 10 Moved Buildings
- Chapter 11 Retrofit Requirements
- Chapter 12 Construction Safeguards
- Chapter 13
- Chapter 14 Compliance Alternative for Change of Occupancy

2015 Virginia Property Maintenance Code

- 104.5.4.3 Notice of Violation
- 104.5.6 Written Notice for Legal Proceedings
- 106.7 Local Board of Building Code Appeals
- 202 Definitions
 - Applicable Building Code, Maintained, Cost of Such Demolition or Emergency Repairs, Historic Building
- 505.5 Nonpotable Water Reuse Systems
- 603.1 Equipment
- 604.3.2.1 Electrical equipment
- 606.1 Elevators, Escalators, and Dumbwaiters

2015 USBC Elevator Provisions and Related Codes

- USBC 102.3 (5) Exemptions
- VCC 3001.2 Referenced Standards
- VCC 3002.9 Plumbing and Mechanical Systems
- VCC 3004 Conveying Systems
- VCC 3005 Machine Rooms
- VCC 3006 Elevator Lobbies and Hoistway Opening Protection
- VECC C405.9.1 Elevator Cabs
- VECC C405.9.2 Escalators and Moving Walks
- VECC C405.9.2.1 Regenerative Drive
- VMC 606.1 General (elevators, escalators, and dumbwaiters)

2015 Virginia Mechanical & Fuel Gas Codes



- New Definition - Pollution Control Unit
- 304.11 Fall-Arresting Restraint Systems
- 307.3 Condensate Pumps in Uninhabitable Spaces
- 502.2 Manicure and Pedicure Stations
- 504.5/M1502.4.4 Dryer Duct Power Ventilators
- 505.3 Domestic Kitchen Exhaust Systems in Multistory Buildings
- 506.5.2 Pollution Control Unit
- 507.1 Type 1 Hood Installation
- 507.1.1.1 Heat Sensors for Multiple Commercial Kitchen Hoods
- 508.1.2 Air Balance for Commercial Kitchen Ventilation Systems
- 510.4, 510.5 Hazardous Exhaust Systems
- 607.6.2.2 Ceiling Radiation Dampers
- 701.2 Dampered Openings
- 802.9/M1804.4 Door Clearance to Vent Terminals
- 903.4 Gasketed Fireplace Doors
- 918.5 & 918.6 Outdoor and Return Air Openings
- 1102.3 Access Port Protection / 1101.10 Locking Caps Exception
- 1210 / M2105 Plastic Pipe Ground-Source Heat Pump Loop Systems
- M1305.1.3.1 Electrical Requirements for Appliances in Attics
- M1306.2.1 Labeled Assemblies
- M1308.2 Protection Against Physical Damage

Fuel Gas Only:

- 310.1 / G2411.1.1 CSST
- 403.6 Plastic Pipe, Tubing, and Fittings
- 404.5 Fittings in Concealed Locations
- 410.2 / G2421.2.7 Medium Pressure Regulators
- 503.4.1 / G2427.4.1 Plastic Piping



2015 Virginia Electrical Code (2014 NEC)



- NEC Code Wide Change – Voltage Increase
- NEC Art. 100 Definitions – Selective Coordination
- NEC Art. 100 Definitions – Intersystem Bonding Termination
- NEC Art. 100 Definitions – Separately Derived System
- NEC 110.16 – Arc Flash Hazard Warnings
- NEC 110.21(B) - Field Applied Hazard Markings
- NEC Code Wide Change – Lockable Disconnecting Means
- NEC 110.26 E(2)(a)&(b) Outdoor Installations
- Outdoor Dedicated Space
- NEC 200.4(B) – Neutral Conductor Grouping In Enclosures
- NEC 210.8(A)(7) & IRC E3902.7 – GFCI at Sinks
- NEC 210.8(A)(9)& IRC E3902.8 – GFCI Tubs and Showers
- NEC 210.8 (A)(10)& IRC E3902.9 – GFCI laundry Areas
- NEC 210.8(B)(8) – GFCI Garages
- NEC Art. 210.8 (D) – Dishwashers
- NEC 210.12 & IRC E3902.16 – AFCI Protection
- NEC 210.12(C) – AFCI Protection in Dormitories
- NEC 210.13 – Ground Fault Protection of Equipment
- NEC 210.17 & IRC E3702.13 – Electric Vehicle Branch Circuit
- NEC 210.52(E) 1,2,3 & E3901.7 – Outdoor Outlets
- NEC 210.52 (G)(1) & IRC E3901.9 – Garage Receptacles
- NEC 210.64 – Electrical Service Areas
- NEC 220.12 – Lighting Loads
- NEC 240.21(B)(1) Exception – Minimum Conductor Size
- NEC 250.64 (B) – Grounding Electrode
- NEC 250.66 (A) & (B) – Electrode Conductor Sizing
- NEC 250.68 (C)(3) – Grounding Electrode Connections
- NEC 250.102(C) – Bonding Conductors and Jumpers
- NEC 250.122 (B) – Size of Equipment Grounding Conductors
- NEC 300.22 (C)(1) – Wiring Methods
- NEC 300.38 – Raceways in Wet Locations Above Grade
- NEC 310.15(B)(7) & IRC E3603.1.1 - Service Entrance Conductors and Main Feeder Sizing
- NEC 314.15 – Damp & Wet Locations
- NEC 393 – Low Voltage Suspended Ceilings
- NEC 404.2 (C) & IRC E4001.15 – Neutral Conductors on Light Switches
- NEC 406.3 (E) – Controlled Receptacle Marking

- NEC 406.5 (E) – Receptacles in Counter Tops and Similar Areas
- NEC 406.9(B)(1) & IRC E4002.9 – Extra Duty Hoods
- NEC 406.15 & IRC 4002.15 – Dimmer Controlled Receptacles
- NEC 408.4 (B) – Supply Source Identification
- NEC 408.4 (B) – Retrofit Kits
- NEC 410.10 (F) - Luminaires Under Roof Decking in Exposed or Concealed Locations
- NEC 422.5 – Readily Accessible GFCI Devices
- NEC 422 – GFCI Protection
- NEC 422.49 – High Pressure Spray Washers
- NEC 422.51 (B) – GFCI on Hardwired Vending Machines
- NEC 424.66 (A)&(B) – Duct Heaters
- NEC 445 – Generators
- NEC 450 – Transformers
- NEC 501.40 – Multi-Wire Branch Circuits
- NEC 516 – Revised Title
- NEC 517.2 – Definitions
- NEC 517.18 (A) – Patient Bed Location – Receptacle Identification
- NEC 517.18 (B) – General Care Patient Bed Location – Number of Receptacles
- NEC 517.19 (B) – Critical Care Patient Bed Location – Number of Receptacles
- NEC 517.19 (C) – Operating Room – Number of Receptacles
- NEC 517.30 (B) – Separate Branches
- NEC 517.41 (E) – Essential Branch Receptacles
- NEC 600.6 (A) (1) – Sign Enclosure Disconnecting Means
- NEC 646 New Article – Modular Data Centers
- NEC 680.2 & IRC4201.2 – Storable/Portable Spas and Hot Tubs
- NEC 680.12 – Fountain Disconnect
- NEC 680.21 (C) – GFCI for Pool and Spa Motors
- NEC 680.22 (A) (1) – Required Receptacles for Pools
- NEC 680.22 (B) (6) & IRC E4203.4.3 – Low Voltage Luminaires
- NEC 680.42 (B) – Bonding Requirements/Exceptions
- NEC New 700.8 – Surge Protection
- NEC 700.19 – Emergency Lighting and Power Circuits
- NEC 728 New Article – Fire Resistant Cable Systems
- NEC 750 New Article – Energy Management Systems



2015 Virginia Plumbing Code

- 202 Alternate Onsite Nonpotable Water
- 202 Demand Recirculation Water System
- 202 Grease Interceptor – Fats, Oils, and Greases (FOG) Disposal System
- 202 Onsite Nonpotable Water Reuse System
- 202 Toilet Facility
- 202 Waste Receptor
- 202 Drinking Fountains, Water Coolers, and Water Dispensers
- 403.3 Required Public Toilet Facilities
- 404 Accessible Plumbing Facilities
- 410.2 Drinking Fountains in Small Occupancies
- 423.3 Footbaths, pedicure baths, and shampoo sinks
- 504.6 Temperature & Pressure Relief Discharge Piping
- 504.7.2 Water Heater Pan Drain Termination
- 601.5 Rehabilitation of Piping Systems by Internal Lining
- 603.3 Tracer Wire on Nonmetallic Supply Piping (VA Amendment)
- 605 Groove and Shouldered Mechanical Joints and Press-Connect Fittings
- 605.15.2 CPVC Solvent Cementing
- 605.7 Valve Compliance to Standards
- 607.2.1 Hot Water Circulation Systems
- 607.5 Insulation of Hot Water Supply Piping
- 608.8 Identification of Nonpotable water
- 702.5 Temperature Rating of Drainage Piping
- 705.14.2 Primer Exception for Solvent Cementing PVC 4 inches and smaller
- 716 Vacuum Drainage Systems
- 717 Replacement of Sewers by Pipe-Bursting Method
- 1002.1 Exception for Traps for Parking Garage Floor Drains
- 1002.4, 1002.4.1 Trap Seal Protection against Evaporation
- 1003.3.7 Direct Connection of Grease Interceptor Discharge
- 1106.2 Vertical Conductors and Leaders (Storm Drainage)
- Chapter 13 Notpotable Water Systems
- Chapter 14 – Subsurface Landscape Irrigation System

2015 Virginia Statewide Fire Prevention Code

- 107.2(1) Permits Required
- 107.2(2) Permits Required
- 301.3 Occupancy
- 305.5 Unwanted Fire Ignitions
- 312.3 Other Barriers
- 315.6 Storage in Plenums; and 605.12 Abandoned Wiring in Plenums
- 319 Mobile Food Preparation Vehicles
- 607.6 Water Protection of Hoistway Enclosures
- 609.3.3.2 Grease Accumulation
- 807 Decorative Material Other Than Decorative Vegetation in New and Existing Buildings
- 901.8.2 Removal of Existing Occupant-Use Hose Lines
- 1031.3.1 Group I-2
- 2004.7 Other Aircraft Maintenance
- 2808.3 Size of Piles
- 3103.2 Approval Required
- 3103.2.1 Multiple Tents
- 3105 Temporary Stage Canopies
- 5605.1.1 Permits
- 5706.1.1 Mobile Fueling Operations
- Appendices

2015 Virginia Swimming Pool and Spa Code

- Definitions
 - Aquatic Vessel (removed)
 - Deck
 - Handhold
 - Maintained Illumination
 - Class F
 - Safety Cover
 - Outlet Cover
- 302.3 – Pipe, Fittings, and Components
- 303.1.1 – Heaters
- 303.2 – Portable Spas

- 303.3 – Residential Pools and Permanent Spas
- 305.2.9 – Equipment clear zone
- 306 – Decks
- 321 – Lighting
- 321.2 – Artificial Lighting Required
- 321.2.2 – Illumination Intensity
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- 323 – Safety (Handrails)
- 402.14 – Springboard Fall Protection
- 412.2 – Emergency Telephone Signs
- 702.2.1 – Barrier Required
- 704 – Circulation Systems
- 810.2 – Pressure Test

2015 Virginia Amusement Device Regulations

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