2015 USBC Administrative and Related Codes

- 102.3 Code Exemption 1
- 102.3 Code Exemption 2
- 102.3 Code Exemption 3
- 102.3 Code Exemption 4
- 103.1.1 Virginia Existing Building Code
- 103.3-103.7 and VEBC 102.2
- 105.2.1 Qualifications of Technical Assistants; 105.2.2 Certification of Technical Assistants; and Chapter 2 Definitions
- 108.2 Exemptions from Application for Permit #1 Low Voltage Systems
- 108.2 Exemptions from Application for Permit #16 Billboard Safety Upgrades and to Add or Replace Steel Catwalks, Steel Ladders, or Steel Safety Cable
- 108.2 Exception to the Exemptions #2
- 113.7 Approved Inspection Agencies
- 117.2 Moved Buildings and Structures

2015 Virginia Amusement Device Regulations

- 13VACS-31-75

2015 Virginia Construction Code

- 202 Change of Occupancy
- 202 Clinics, Outpatient
- 202 Coastal A Zone
- 202 Coastal High Hazard Area
- 202 Existing Structure
- 202 Private Garages
- 202 Substantial Improvement
- 303.1.1 Small Buildings and Tenant Spaces
☐ 304.1 Small Kitchens
☐ 304.1 Training and Skill Development
☐ 304.1.1 Licensed Day Support and Treatment Facilities
☐ 307.1 Exception 15 High-Hazard Group H
☐ 308.4 I-2 Conditions 1 and 2
☐ 310.5.2 Lodging Houses
☐ 406.3.1 Classification and 406.3.2 Clear Height
☐ 407.2.6 Cooking Facilities and 904.13 Domestic Cooking Systems-Group I-2 Condition 1
☐ 430 Higher Education Laboratories
☐ Tables 504.3 and 504.4 Building Height and Number of Stories
☐ 717.5.3 Shaft Enclosures
☐ 717.6.2.2 Equipment Shutdown
☐ 903.2.1.6 Assembly Occupancies on Roofs
☐ 903.3.5.1.1 Limited Area Sprinklers Serving Less Than 20 Heads
☐ 905.3.1 Stand Pipe Pressure
☐ 912.4 Fire Department Connection Access
☐ Table 1004.1.2 Maximum Floor Area Allowances per Occupant
☐ Table 1006.2.1 Spaces with One Exit or Exit Access Doorway
☐ 1007.1.1.1 Measurement Point
☐ 1008.3.3 Rooms and Spaces
☐ 1010.1.9.3 Locks and Latches
☐ 1010.1.9.8 Sensor Release of Electrically Locked Egress Doors
☐ 1010.1.9.9 Electromagnetically Locked Egress Doors
☐ 1016.2 Egress Through Intervening Spaces
☐ 1018.3 Aisles in Groups B and M
☐ 1023.3.1 Stairway Extension
☐ 1023.5 and 1024.6 Penetrations
☐ 1104.4 Multistory Buildings and Facilities
☐ 1107.3 and 1107.4 Accessible Spaces and Routes
☐ 1107.5.1.1 and 1107.6.4.1 Accessible Units in Assisted Living Facilities
☐ 1107.6.1.1 Accessible Units (Group R-1)
☐ 1109.2.3 Lavatories
☐ 1110.1 General (Recreational Facilities)
☐ 1405.3 Vapor Barriers; 1405.3.2 Class III Vapor Retarders; and 1405.3.3 Material Vapor Retarder Class
☐ 1601.3 Roof Snow Load Data
☐ 1603.1.7 Flood Design Data
☐ 1603.1.8.1 Photovoltaic Panel Systems and 1607.12.5 Photovoltaic Panel Systems
2015 Code Change Training Companion Guide

- 1704.2 Special inspections, Exceptions
- 1704.5 Submittals to the Building Official
- 1705.2.3 Open-Web Steel Joists and Joist Girders
- 1705.3 Concrete Construction
- 1711.1 Joist hangers
- 1804.1 Excavation Near Foundations
- 1904.1 Structural Concrete
- 2101.2 Design Methods
- 2103 Masonry Construction Materials; 2104 Masonry Construction; and 2105 Masonry Quality Assurance
- 2111 Masonry Fireplaces and 2113 Masonry Chimneys
- 2210.1.1.3 Composite Slabs on Steel Decks
- 2211.1 General
- 2303.1.4 Structural Glued Cross-Laminated Timber
- Tables 2308.4.1.1(1) and (2)
- Tables 2308.7.1(1) and (2) for Ceiling Joist Spans; and Tables 2308.7.2(1), (2), (3), (4), (5), and (6) for Rafter Spans
- Tables 2308.8(1) and (2); 2308.10.2(1) and (2); 2308.10.3(1), (2), (3), (4), (5) and (6)
- 2603.5.5 Vertical and lateral fire propagation
- 2612 Plastic Composites
- 3004 Hoistway Venting

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 EER0 for Additions, Alterations, and Repairs
- R312.1.2 Guard Height
- R331 Interior Passage
- R314 Smoke Alarms
- R322.1, 322.2 Flood Hazards
- R322.3 Coastal High-Hazard Areas
- R404.1.1 Design Required (foundation walls)
- R408.2 Openings for Under-Floor Ventilation
- R507.2 Deck Ledger Connection to Band Joist
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
- R402.2.8/N1102.2.8 Floors
- R402.4.2/N1102.4.2 Fireplaces
- R402.4.4 Rooms Containing Fuel-Burning Appliances
- R403.3.3/N1103.3.3 Duct Testing
- R403.3.5/N1103.3.5 Building Cavities
- R404.1/N1104.1 Lighting Equipment
- R405.5.2/N1105.5.2 Residence Specifications
- C402.1.1 Low-Energy Buildings (exemptions)
- C402.1.2 Equipment Building (exemptions)
- C402.2.3 Thermal Resistance of Above-Grade Walls
- C402.4.3 Maximum U-Factor
- C402.5.3 Rooms containing fuel-burning appliances
- C402.5.7 Vestibules
- Table C403.2.3 Minimum Efficiency Requirements
- C403.2.6.3 Ventilation
- Table C403.2.14 Minimum Efficiency Requirements: Commercial Refrigeration
- 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)
2015 Code Change Training
Companion Guide

- 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
2015 Code Change Training
Companion Guide

- 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
• 321.2.3 – Underwater Illumination
• 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