



*Inspections Division • Community Development*

900 Church Street • Lynchburg • Virginia • 24504

www.lynchburgva.gov • P 434-455-3910 • F 434-845-7630

**SIGNIFICANT CODE CHANGES FOR THE 2018 VRC**

Adopted July 1, 2021 becomes fully effective July 1, 2022

**ELECTRICAL:**

210.8 – GFCI Protection: All crawl space lighting must be protected.

210.11 (c)(4) – Garage Branch Circuits – At least one (1) 20A circuit shall be provided

Note: No other outlets other than outdoor outlets can be served by this.

Additional receptacles are required for each bay.

210.12 – AFCI Protection: ALL branch circuits that supply 120-volt single phase 15A and 20A outlets that are not GFCI protected are now required to be AFCI protected.

406.3 (E) – Controlled Receptacles – Marking “controlled” is now required on the receptacle  
Itself along with a power indicator.

300.5(G) – Conduits must be sealed at either or both ends.

**PLUMBING / FUEL GAS:**

308.10 – Thermal expansion tanks shall not be supported by the piping alone but need to be supported by the structure itself.

G2411.2 – CSST piping without arc resistant jacket must be bonded to the grounding electrode system. PLEASE NOTE: The City of Lynchburg Building Department recommends bonding all types of CSST

**MECHANICAL:**

M1502.3.1 – Dryer vent terminations cannot be diminished in size. Min 12.5 sq” required

M1502.4.2 – When enclosed in a framed wall a 4” dryer duct must now be installed in a 2 x 6 wall to prevent deformation of the duct.

N1102.1.2 – Ceiling R Value has increased to R-49 for flat ceilings per table.

N1102.2.2 – Insulation shall extend over the top of the wall plate and not be compressed.

Where roof/ceiling assembly does not allow for full depth of required insulation a Reduction in R value is allowed but limited to maximum 500sf or 20% of total Insulated ceiling area.

N1102.4.1.2 - BLOWER DOOR TESTING IS REQUIRED – Buildings shall be tested and Having an air leakage rate not exceeding 5 air changes per hour. Documentation Of this test SHALL be submitted to the inspection office before final approval of The structure.

N1103.3.6 - Ducts buried in ceiling insulation must have a minimum R-8 insulation.

**BUILDING:**

R308.4.2 – Tempered glass is required adjacent to doors where the glazing is on a wall less Than 180 degrees from the plane of the door in a closed position and within 24” Of the hinge side. This is a clarification of previous code.

R315.5 – Carbon monoxide detectors to be interconnected if more than one (1) is required.

R324.6 – Roof access, pathways and setbacks for solar arrays must comply with this section.



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R507 – Decks: This section has been completely reorganized.

R703.2 – Housewrap is now required on detached accessory structures.

M1502.4.2 – When enclosed in a framed wall a 4” dryer duct must now be installed in a 2 x 6 wall to prevent deformation of the duct. Wall can also be fired out and meet code.

Although there are many changes to the code this is a list of the ones we find to be significant in nature.

2018 Virginia Codes can be viewed at [www.dhcd.virginia.gov](http://www.dhcd.virginia.gov) click on CODES, VIRGINIA CODE COLLECTION and then the code book you wish to view. Keep in mind these are read only.

If you are interested in purchasing code books please visit [www.iccsafe.org](http://www.iccsafe.org)