

Code verification sign-off

Following is a list of the most common manufactured home code non-compliant items found in used or altered manufactured homes. **These are only the most commonly found items and non-compliances are not limited to the items in this list.** The items listed usually happen after the home was labeled/certified and left the manufacturers production facility.

This form must be completed by a certified building inspector or a licensed manufactured home dealer in Minnesota. Dates should be entered in areas of compliance, correction required, correction completed for each item. This form is required to be completed and submitted with application for a manufactured replacement construction label in Minnesota.

Code item

1. Exterior receptacles require weatherproof protector covers; this includes heat tape receptacles mounted under the home. CFR 3280.808 (a) and NEC 406.8 (a) or (b).
Complies _____ Correction Required _____ Correction Completed _____
2. NM-cable type wiring that is added under or on the exterior of the home shall be protected by rigid metal conduit and the conductors shall be suitable for wet locations. CFR 3280.808 (k) and NEC 550.15 (h).
Complies _____ Correction Required _____ Correction Completed _____
3. Electrical boxes, fittings, and cables shall be securely fastened in place and supported by a structural member or a substantial brace. Common examples are duplex receptacle boxes, electric range and clothes dryer receptacles that have been added and not secured to anything. CFR 3280.808 (n) and NEC 550.15 (l).
Complies _____ Correction Required _____ Correction Completed _____
4. NM-type cable located within 15-inches or less above the floor or in areas where storage is used shall be protected from physical damage. Common examples are wiring added for range or clothes dryer, and NM-type cable run in closets or cabinet storage areas. CFR 3280.808 (c) and NEC 550.15 (B).
Complies _____ Correction Required _____ Correction Completed _____
5. Electric ranges and clothes dryers shall have 4 conductor cord and 4 wire grounding type plugs. CFR 3280.809 (b) (2) and NEC 250.140.
Complies _____ Correction Required _____ Correction Completed _____

6. Solid fuel-burning fireplaces or stoves shall be listed for use in manufactured homes and installed in accordance with the listing or standards (i.e. chimney, doors, hearth, combustion air intake, etc.). CFR 3280.707 and CFR 3280.709 (g).
Complies _____ Correction Required _____ Correction Completed _____
7. Replacement gas water heaters or furnaces must be listed for use in manufactured homes. If listed for use, verify compliance for separation of combustion system from the interior atmosphere of the home. (This includes the vents, roof jacks, and chimneys) and installed according to the listings. CFR 3280.707 (a), CFR 3280.709 (a & d), and CFR 3280.710 (a).
Complies _____ Correction Required _____ Correction Completed _____
8. Clothes dryer ducts shall not terminate beneath the manufactured home and shall be constructed of metal and shall not be connected with screws or other fasteners which extend into the interior of the duct. CFR 3280.708 (a)(3 & 4) and IMC 504.6.
Complies _____ Correction Required _____ Correction Completed _____
9. Gas appliances (i.e. range, furnace, clothes dryer, water heater, etc.) are required to have shutoff valves upstream of the union or connector. Shutoff within 6' of any cooking appliance and within 3' of any other appliance. CFR 3280.705 (k) (3).
Complies _____ Correction Required _____ Correction Completed _____
10. Plastic pipe materials and fittings used for drain lines must be of approved materials and correctly installed. Commonly found code non-compliant item is ABS drain materials/fittings glued together with PVC drain material/fittings. CFR 3280.610 (b).
Complies _____ Correction Required _____ Correction Completed _____
11. Exterior hose bibs (water faucets) must be installed with a backflow prevention device (vacuum breaker). The installation of potable water supply piping or fixture or appliance connections shall be made in a manner to preclude the possibility of backflow. CFR 3280.609 (b) (2 & 7).
Complies _____ Correction Required _____ Correction Completed _____
12. Water heaters must have a pressure-temperature relief valve which will activate at 150 p.s.i. and at or below a water temperature of 210 degrees F. There must also be a full-size drain line with a cross section area equal to that of the relief valve, extended to discharge beneath the manufactured home. CFR 3280.609 (c) (ii & iii).
Complies _____ Correction Required _____ Correction Completed _____
13. Fire blocking (fire stop collars) must be installed around all openings for pipes, vents, flue stacks, and other penetrations in walls, floors, and ceilings of furnace and water heater spaces. CFR 3280.206 (c). Common areas found that are non-compliant are flue locations at the ceiling line.
Complies _____ Correction Required _____ Correction Completed _____

14. Cooking appliances shall be ventilated by a metal duct not less than 12.5 square inches in area located above the appliance and terminating outside of the home, or by listed mechanical ventilating equipment installed in accordance with the listing installed not more than 10' horizontal distance from the appliance. CFR 3280.710 (e) and NFPA 501B section 6.4.5.

Complies_____ Correction Required_____ Correction Completed_____

15. Vertical clearance of 24" to the bottom of combustible cabinets must be maintained above the cooking top. CFR 3280.204 (e).

Complies_____ Correction required_____ Correction Completed_____

16. Smoke alarms must be installed in manufactured homes.

- Homes manufactured after July 31, 2002, must have hard wired alarms in each sleeping room and in an area to protect the living area and kitchen space. CFR 3280.208 (b).
- Homes manufactured from June 14, 1976, to July 31, 2002, must have hard wired alarms located between the bedroom areas and living areas of the home. CFR 3280.208 (b). If homes have bedrooms at each end of the home two alarms minimum are required.
- Homes manufactured from July 1, 1972, to June 14, 1976, must have either hard wired or battery operated alarms located between the bedroom areas and living areas of the home. NFPA 501B, sections 9.1 & 9.2. If homes have bedrooms at each end of the home two alarms minimum are required.

Complies_____ Correction Required_____ Correction Completed_____

17. Floors are required to support 40# per square foot live load and a 200# concentrated load on a 1' diameter disk where deflection is not to exceed 1/8". CFR 3280.305 (g). Common examples of not code compliant locations are in bathroom, laundry areas, water heater rooms, and by front or rear entry doors where floor decking is been exposed to water and softened the decking.

Complies_____ Correction Required_____ Correction Completed_____

18. Floor decking in kitchens, bathrooms, laundry areas, water heater compartments is required to be protected from moisture. CFR 3280.305 (g) (2) allows for protection by sealing with an approved sealer or an overlay of nonabsorbent material and all penetrations are to be protected with a sealant.

Complies_____ Correction Required_____ Correction Completed_____

19. Homes manufactured after November 30, 2005 (see data plate-date of manufacture) are required to have corrosion-resistant water drip collection and drain pan installed under each water heater CFR 3280.709 (h).

Complies_____ Correction Required_____ Correction Completed_____

20. Bottom board materials (belly board) must be sealed to resist the entrance of rodents around pipes, ducts, repairs, etc. CFR 3280.307 (d) and 3280.705 (a).

Complies_____ Correction Required_____ Correction Completed_____

21. Exterior coverings and exterior doors/windows shall prevent allowing the elements (rain, snow, etc.) from exposed interior materials. CFR 3280.307 (a & b). This would include joints between dissimilar materials.

Complies_____ Correction Required_____ Correction Completed_____

22. Rooms in homes are required to have windows for minimum natural light and ventilation.

- Each habitable room shall have 8% light and 4% ventilation on HUD label units built after June 14, 1976. CFR 3280.103.

Complies_____ Correction Required_____ Correction Completed_____

- Each habitable room shall have 10% light and 5% ventilation on State labeled units built from July 1, 1972, through June 14, 1976. NFPA 501B section 8.1

Complies_____ Correction Required_____ Correction Completed_____

- Kitchen and bathrooms may be provided with artificial light and mechanical ventilation. NFPA 501B section 8.1 and CFR 3280.103.

Complies_____ Correction Required_____ Correction Completed_____

- Each bathroom must have ventilation by either mechanical method 1 air change every 12 minutes or by means of 1.5 square foot of open able window in State labeled homes (7/1/72 – 6/14/76) and HUD labeled homes (6/15/76 – 10/25/93). NFPA 501B section 8.1.2 and CFR 3280.103

Complies_____ Correction Required_____ Correction Completed_____

- Each bathroom must have a mechanical ventilation system capable of exhausting 50 cfm to the outside of the home on HUD labeled units (1026/93 – current date of manufacture). CFR 3280.103 (c) (3).

Complies_____ Correction Required_____ Correction Completed_____

23. Homes must have one egress window in each bedroom.

- State labeled homes 7/1/1972 through 6/14/1976, clear opening of 22 inches in width and height and 5 square foot in area. Sill height not more than 48' above the floor. NFPA 501B section 8.3.1 (c).

Complies_____ Correction Required_____ Correction Completed_____

- HUD labeled homes 6/14/1976 to the current date of manufacture, net clear opening of 20" wide and 24" high, 5 square foot in area, with sill height of window opening no more than 36" above the floor, and tabs or other operational devices shall not be located more than 54" above the finished floor. CFR 3280.106

Complies _____ Correction Required _____ Correction Completed _____

- HUD labeled homes located in Minnesota shall be equipped with storm windows or insulated glass. CFR 3280.506 (c).

Complies _____ Correction Required _____ Correction Completed _____

24. Manufactured homes shall have 2 exit doors located remote from each other. NFPA 501B section 8.3.1 (a) and CFR 3280.105 (a). Manufactured homes exterior exit doors must be at least 12' from each other in single section homes and must be at least 20' from each other in multi-section homes. CFR 3280.105 (a) (2).

Complies _____ Correction Required _____ Correction Completed _____

25. In HUD label homes (6/15/76 to present date of manufacture) an exit doors shall not be more than 35' from each bedroom doorway. CFR 3280.105 (a) (2) (IV).

Complies _____ Correction Required _____ Correction Completed _____

26. Glazing in all entrance doors, sliding glass doors, unbacked mirrored wardrobe doors, shower and bathtub enclosures to a height of 6' above the floor, and sidelights within 12" of either side of an entrance door must be safety glazing materials which comply with ANSI Z97.1-1984.

Complies _____ Correction Required _____ Correction Completed _____

27. Gas line piping shall not be used for electrical ground. CFR 3280.705 (I) (5).

Complies _____ Correction Required _____ Correction Completed _____

28. Electrical distribution panel boards shall not be located in Bathrooms. The shall be 6" of clearance from easily ignitable materials maintained in front of the panel board. There shall be a clear working space of 30" wide and 30" in front of the panel board. CFR 3280.804 (f).

Complies _____ Correction Required _____ Correction Completed _____

29. Manufactured homes built and labeled under the State program (7/1/1972 through 6/14/1976) must have a State issued construction label on the exterior of the home. MSBC 1350.0400 subpart 1.

Complies _____ Correction Required _____ Correction Completed _____

30. Manufactured homes built and labeled in accordance with the HUD program June 15, 1976 and to present date of manufacture must have a construction label on each exterior section of the home. CFR 3280.11. Each manufactured home with HUD certification labels must have a data plate permanently located in the home. CFR 3280.5. The data plate must contain the manufacturer's name and production address, date of manufacture of the home, roof design load, wind design load, heating design, and list

all major factory installed appliances.

Complies_____ Correction required_____ Correction Completed_____

31. Manufactured homes with proposed alterations or additions added on must have plans/specifications approved by LAHJ or CCLD with all permits and inspections required. MSBC 1350.3800. If the home is a new manufactured home covered under warranty (MS 327B.02 and 327B.03) written permission from the manufacture for the alteration or addition must also be obtained.

Complies_____ Correction required_____ Correction Completed_____

32. Manufactured home which has any fuel burning appliance must have an operating Carbon Monoxide Alarm/Detector CFR 3280.211.

Complies_____ Correction required_____ Correction Completed_____

I have inspected the above items to verify compliance of the items to the manufactured home construction codes that the home was required to be constructed to.

Signature of Certified Building Official/Inspector

Date

Printed Name

License #

OR

Signature of Licensed Manufactured Dealer

Date

Printed Name

License #