DEPARTMENT OF LABOR AND INDUSTRY

Installation and extension of wiring in manufactured homes

Per Minnesota Rules 1350.3800, any alteration of the electrical equipment or installation in a manufactured home that bears a label prior to receiving review and approval shall void the approval, and the seal or label shall be returned to the commissioner. For the purposes of this part, repairs to existing electrical equipment and replacement of appliances with identical units would not constitute an alteration.

While site-built homes are constructed to specific building codes, manufactured homes are built in accordance with Federal Manufactured Home Construction and Safety Standards which were originally adopted in 1976. This code regulates the manufactured home design, construction, strength, durability, fire resistance, electrical wiring and energy efficiency and is enforced by the U. S. Department of Housing and Urban Development (HUD). No manufactured home is shipped from the factory until it complies with the HUD code and has received an acceptance seal from an independent third-party inspection agency.

Electrical wiring covered by the HUD seal, includes all wiring in the manufacture home proper in accordance with HUD- Code of Federal Regulations (CFR) 3280 Subpart I-Electrical Systems. Branch circuits and/or feeders that are factory-installed circuits and equipment, shall not be interrupted, altered, or extended, unless specifically identified for the purpose by the manufacturer. An example of this would be branch circuit wiring extended by the manufacturer to an accessible junction box intended for the field connection of an air conditioning unit.

When a manufactured home is set on an approved permanent foundation in accordance with the manufacturer's written instructions, there is negligible difference between it and a site-built home. Factory approved wiring and equipment cannot be altered. All new wiring associated with a manufactured home shall comply with National Electrical Code (NEC).

New feeders or circuits may be extended within the manufactured home or to an attached accessory structure, addition, or garage. These circuits or feeders shall originate from the factory installed distribution panelboard or service panel located on or inside the manufactured home.

New feeders or circuits supplying detached accessory structures or garages may originate in the factory installed distribution panelboard inside the manufactured home. These feeders or circuits may also originate at the service panel regardless of location.

Services, panelboards, feeders, and additional loads shall comply with the applicable provisions of the NEC.