

DEPARTMENT OF BUSINESS AND INDUSTRY
NEVADA HOUSING DIVISION – MANUFACTURED HOUSING
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COMPLIANCE AFFIDAVIT FOR ROOF SHEATHING AND UNDERLAYMENT (PIP 208)

Roofing Company Name _____
MHD License No _____ Permit No. _____ Date Job Completed _____

Job Site Address _____
Name of Property owner _____

I _____ hereby certify, under the penalty of perjury, to the State of Nevada Manufactured Housing Division that the areas listed below, that has been covered and unseen by the MHD Inspector, has in fact been installed and constructed according to any and all: MHD approved plans, if plans were required; 24 CFR part 3280; and/or all building and construction codes currently adopted by the State of Nevada MHD, whichever may apply.

Roof slope _____ Is the home located in a high wind area? _____

Existing roof material on home _____

Proposed new roof covering material _____

Is the new roof covering is the same or less weight per square foot as existing material? _____

Note: if new roofing weighs more, engineering will be required.

Existing roofing material completely removed (only one roofing layer is allowed) _____

Roof diaphragm material and thickness _____

Was any part of the roof diaphragm damaged or rotted? _____ Area _____

Approx square footage or replaced roof diaphragm _____

Size and type of material used to repair the roof diaphragm _____

Type and spacing of diaphragm fasteners? _____

Type of underlayment used _____

Flashing installed according to the manufactures installations instructions? _____

Drip edge and vent flashing installed according to currently adopted codes? _____

Vents used for heat producing appliances have the correct clearances to combustibles? _____

If shingles, type and number of fasteners per shingle _____

If other roof covering, type and spacing of fasteners _____

Are all of the roof fasteners made water-tight? _____

Listing and instruction are required for alternative material.

Signature _____ Date _____

ROOF LOADS: QUESTION ABOUT TWO ROOF LAYERS

§ 3280.303 General Requirements

(a) **Minimum requirements:** The design and construction of a manufactured home shall conform with the provisions of this standard. Requirements for any size, weight, or quality of material modified by the terms of *minimum, not less than, at least,* and similar expressions are minimum standards.

(b) **Construction:** All construction methods shall be in conformance with accepted engineering practices to insure durable, livable, and safe housing and shall demonstrate acceptable workmanship reflecting journeyman quality of work of the various trades.

(c) **Structural analysis:** The strength and rigidity of the component parts and/or the integrated structure shall be determined by engineering analysis or by suitable load tests to simulate the actual loads and conditions of application that occur.

This means that every manufactured home has been designed by an engineer.

A certification label has been placed on the home at the factory to ensure that the structure has been constructed according to the engineer's specifications. Any alteration, including extra weight from a second roof layer, unless it is done at the factory per the engineer of record, constitutes an alteration of the approved construction and renders the certification (HUD or otherwise) Invalid, which in turn renders the home to be considered out-of-compliance.

24 CPR 3280,11

§ 3280.305 Structural Design Requirements

(h) **Roofs.** (1) Roofs shall be of sufficient strength to withstand the load requirements as defined in § 3280.305

(b) and (c) without exceeding the deflections specified in § 3280.305(d).

§ 3280.305 Structural design requirements (b) *Design loads*—(1) *Design dead loads.* Design dead loads shall be the actual dead load supported by the structural assembly under consideration.

In order to verify compliance with the certification label, some type of verification or documentation will need to be provided from the manufacturer indicating that this unit *was* originally constructed using two layers of roofing material that is equivalent to the two layers of material currently on the unit