

Insulation in existing residential attic

Pre-Consult inspection

The permit holder shall call a pre-consultation inspection to check the roof structure and wiring type before work begins.

Roof structure

Where insulation increases the accumulation of snow, and the snow load capacity of the roof structure is exceeded, the roof members shall be upgraded to withstand the additional loads. Salt Lake City Code 18.50.240.A2

Knob-and-tube wiring

Concealed knob-and-tube wiring shall not be used in the following: ... Hollow spaces of walls, ceilings, and attics where such spaces are insulated by loose, rolled, or foamed-in-place insulating material that envelops the conductors. 2023 NEC 394.12.

Clearance to can lights

Thermal insulation shall not be installed above a recessed luminaire or within 3 inches (76 mm) of the recessed luminaire's enclosure, wiring compartment, ballast, transformer, LED driver or power supply except where such luminaire is identified for contact with insulation, Type IC. 2021 IRC E4004.9

Extend insulation shield around vents

... an insulation shield constructed of [26 gage] steel ... shall be installed to provide clearance between the vent and the insulation material. ... the shield shall terminate not less than 2 inches (51 mm) above the insulation materials and shall be secured in place to prevent displacement... 2021 IRC G2426.4.

Maintain roof ventilation

Where eave or cornice vents are installed, insulation shall not block the free flow of air... 2021 IRC R806.3.