

Safety Concern: Knob and Tube wiring observed under insulation. Concealed knob-and-tube wiring is designed for use in hollow spaces of walls, ceilings, and attics and utilizes the free air in such spaces for heat dissipation. Weatherization of hollow spaces by blown-in, foamed-in, or rolled insulation prevents the dissipation of heat into the free air space. This will result in higher conductor temperature, which could cause insulation breakdown and possible ignition of the insulation. Recommend removing the insulation around the knob and tube wiring or replacing the covered knob and tube with Romex wiring. This is a common observation in most older homes.