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Sommario/riassunto	Specific test requirements for qualifying electrical resistance trace heating for commercial service are provided in this standard. A basis for electrical and thermal design is included, heating device characteristics are addressed, and installation and maintenance requirements are detailed. Recommendations and requirements for unclassified heating device applications are provided. Keywords: deicing, design, electrical resistance, floor warming, freeze protection, frost heave, heat tracing, heater, heating cable, heating device, IEEE 515.1, installation, maintenance, snow melting, trace heater, trace heating.