

Subject 1004-3

November 10, 2017

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Thermally Protected Motors, UL 1004-3, are being proposed:

1. Revised Marking for Thermally Protected Motors

STP BALLOTS AND ALL COMMENTS DUE: DECEMBER 11, 2017

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Revised Marking for Thermally Protected Motors

RATIONALE

Proposal submitted by: Kirk Anderson, UL LLC

UL 1004-3 currently requires the protector model to be marked on the nameplate or encoded into the motor model number. Since the standard requires each motor-protector combination to demonstrate compliance through testing and because the protector is often considered proprietary information, UL is proposing the removal of the marking requirement.

This also aligns the marking requirements with other safety standards used to evaluate thermal protection in motors. This proposal also includes changing the reference from 93 W to 100 W to align with other motor safety standards and to return to the original limit of 100 W as a threshold for marking "Thermally Protected" on the motor.

PROPOSAL

~~12.1 Name, tradename, or trademark of the protector manufacturer or other descriptive marking by which the manufacturer is identified, and protector model number or type designation shall be marked on the outside of the motor where visible.~~

~~Exception: When the motor marking also serves as a means of identifying the manufacturer and model of protector, this information is not required to be separately marked.~~

12.2 The words "Thermally-Protected" shall be marked on the outside of the motor where visible.

Exception: A motor rated 100 W output (1/8 horsepower) ~~1/8-horsepower or less or 93 output watts or less~~ may be marked "T.P." or "TP" in lieu of "Thermally-Protected".

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