

State of Oregon
Building Codes Division

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Statewide Alternate Method No. OESC 08-01
(Ref.: ORS 455.060)

Issued June, 2008

Cheetah Snap Switch

Oregon Electrical Specialty Code, ref. NEC 404.9(B)

Statewide Alternate Methods are approved by the Division administrator in consultation with the appropriate advisory board. The advisory board's review includes technical and scientific merits of the proposal. In addition:

- *building officials shall approve the use of any material, design or method of construction addressed in a statewide alternate method,*
- *the decision to use a statewide alternate method is at the discretion of the designer,*
- *statewide alternate methods do not limit the authority of the building official to consider other proposed alternate methods encompassing the same subject matter*

Requested by: Cheetah USA

Purpose:

To allow the installation of a snap switch product that has been evaluated by Electrical Testing Laboratory, (ETL), and listed as an integral system of box, device, and plate.

Background:

Current language in article 404.9(B) reads in part, "Snap switches . . . shall be connected to an equipment grounding conductor, and shall provide a means to connect metal faceplates to the equipment grounding conductor, whether or not a metal faceplate is installed."

Cheetah USA proposes an alternate method of installation of their patent-pending, proprietary assembly of snap switches. This integral system of box, device, and plate has no conductive part to ground, and the device and plate are not interchangeable with any other electrical products.

The Cheetah product is Electrical Testing Laboratory (ETL) certified. This alternate method recognizes that since the device yoke is not conductive, there is no need to attach a grounding conductor to meet the requirement of code section 404.9(B).

Applicable Code Citation:

2008 Oregon Electrical Specialty Code, reference NEC 404.9(B)


NOTE: This alternate method ruling was first adopted for the 2005 code cycle in March, 2007.

Statewide Alternate Method:

The snap switch assembly developed by Cheetah USA and certified by ETL may be used without the attachment of a grounding conductor as an alternate method to NEC code section 404.9(B).

NOTE: Provisions of 250.148(D) must be met.

The recommendation and findings of the Elevator and Electrical Board are accepted and are adopted:



Mark Long, Administrator
Building Codes Division

June, 2008
Date 6/30/2008