

## IEEE 802.3 Ethernet Working Group` Liaison Communication

Source: IEEE 802.3 Working Group<sup>1</sup>

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From: David Law Chair, IEEE 802.3 Ethernet Working Group  
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Subject: Support for Tentative Interim Amendments to NFPA 70 2020

Approval: Agreed to at IEEE 802.3 interim meeting, Salt Lake City, UT, USA, 23<sup>rd</sup> May 2019

Dear Mr Hulett and Mr Law,

The IEEE 802.3 Ethernet Working Group has reviewed the recently issued TIAs. There are two TIAs that are of interest to the members of IEEE 802.3, TIA 1438 and TIA 1444. The IEEE 802.3 Working Group requests that IEEE take a position of approve on both the technical merits and the emergency nature for each of these TIAs.

IEEE 802.3 requests that IEEE SCC18 take a position of support on TIA 1438 for both technical merits and emergency nature. Manufacturers of IEEE 802.3 based equipment will be negatively impacted with an immediate requirement for labeling of all PSE ports. A grace period is required to allow time for compliance. These ports are exempt in 725.121(C) in the 2017 NEC, and therefore this TIA will extend this exemption for an additional year.

- For TIA 1438, IEEE 802.3 requests to direct the ER vote Agree on Question 1 with the comment 'Agree' and vote Agree on Question 2 with the comment 'A'.

IEEE 802.3 requests that IEEE SCC18 take a position of support on TIA 1444 for both technical merits and emergency nature. Suggesting a consistent label will improve usability.

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<sup>1</sup> This document solely represents the views of the IEEE 802.3 Working Group and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.

This TIA gives an example label suggesting a standard format which will reduce the chance for misinterpretation during installation and inspection. If this isn't added in the 2020 code, manufacturers may choose different formats, which could increase confusion. IEEE 802.3 supports this TIA as it would ease an inspector's burden.

- For TIA 1444, IEEE 802.3 requests to direct the ER vote Agree on Question 1 with the comment 'Agree' and vote Agree on Question 2 with the comment 'A'.

We request that IEEE-SA take the position prescribed above when the ER ballots these TIAs.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group