

6200201 GROUNDING AND LIGHTNING PROTECTION
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Andy Harper
414-4776
clifton.harper@dot.state.fl.us

Comments: (4-30-15)
I thought we were removing metal lids on pullboxes.

Response:

Deborah Ihsan
954-777-4387
deborah.ihsan@dot.state.fl.us

Comments: (5-5-15)
We have concerns about the ground rods. The specs changes to allow certain items the option to include a single ground rod assembly, but based on the specification it is not clear what the requirements of a single ground rod assembly will entail, 20' of length, 40' etc. The paragraph above indicates that if the ohms cannot be resistance cannot be achieved then install a new ground rod 40' away, yet the heading below states single ground rod. Also, in general the 80' maximum has created problems in the past. In South Florida, there have been times that the contractor will not meet the required resistance and is only required to install 80' total feet of ground rod.

Response:

Chester Henson
414-4117
chester.henson@dot.state.fl.us

Comments: (5-14-15)
Modify Section 620-3.1 by adding the following sentence to the last paragraph, "The NFPA requirements do not apply to lighting systems."

Response:

Jose Kandarappallil
772-429-4936
Jose.Kandarappallil@dot.state.fl.us

Comments: (5-26-15) Comments from District 4 - Treasure Coast Operations

1. 620-2.6 Air Terminals: (Additional information needed as it relates to protection from lighting strikes. Marking and application guide on Lighting protection issued by UL -2015 also require adherence to Article 230, 250, 280, 800 and 810, of the NEC. Please see page 2- Introduction) Consider modifying the spec to read as
“Use air terminals that comply with UL 96 A and NFPA 780 standards and are listed by a NRTL. Also comply with article 230, 250, 280, 800 and 810, of the NEC.”

Response:

2. 620-2.7.1: Some utility companies provide power at 440 Volts. Therefore the spec may be modified to read as “620-2.7.1 SPD for 120 Volt or 120/240/ 440 Volt Power

Response:

3. The acronym ITS should be defined similar to Approved Product List (APL) and Surge Protection Device (SPD). (Chad Rucks/Desk: (772) 429-4938/chad.rucks@dot.state.fl.us).

Response:
