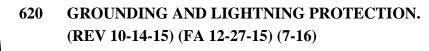
EXPECTED IMPLEMENTATION JULY 2016



SUBARTICLE 620-4.1 is deleted and the following substituted:

620-4.1 Testing: Measure the ground resistance with an instrument designed specifically to measure and document earth/ground resistance, soil resistivity, and current flow. Conduct the test by using the fall-of-potential method as described in the Institute of Electronic and Electrical Engineers (IEEE) Standard 81.If fall-of-potential tests cannot be performed, it is acceptable to measure resistance at each accessible ground rod using a clamp-on ground resistance tester. Submit to the Engineer certified test results for each testing location. Submit the following information on the test results:

- 1. The formal name or ID for the location where the test was performed
- 2. The GPS latitude and longitude for the location where the test was performed
- 3. The date on which the test was performed
- 4. The make and model number, serial number, and last date of calibration (by an independent testing facility within the previous 12 months) for the grounding resistance testing device used
- 5. Contact information (including name, signature, and employer name) for each person conducting, witnessing, or certifying the test
 - 6. Description of the local environmental and soil conditions at the time of testing
- 7. A rough sketch of the site grounding system; along with the corresponding measured data points
- 8. Page numbering showing the current page number and total page count (e.g., Page 1 of 3)





