

**FY 2013/2014 QC Category No. 12B**  
**STATEWIDE INSPECTION GUIDELIST**  
**Lighting**

1. All of the materials used comply with the approved shop drawings and plans. [Spec. 715-2]
2. The seven-day burn-in period is completed satisfactorily. [Spec. 715-14, 715-15]
3. Test all components of the installation in accordance with the plans, indexes, specifications, and manufacturer's recommendations. [Spec. 715-14]
4. A pre-installation meeting is conducted by the Project Administrator with contractor, maintaining agency, etc... to discuss highway lighting issues. [CPAM 3.1]
5. On Federal-Aid projects, obtain from the contractor a certification from the producer of steel or iron, or any product containing steel or iron as a component, stating that all steel or iron furnished or incorporated into the furnished product was manufactured in the United States in accordance with the requirements of this specification and the Buy America provisions of 23 CFR 635.410, as amended, for the appropriate items. [Spec. 6-5.2]
6. Conduit and/ or cable trenches are in straight lines at the proper depth and in accord with the layout shown in the plans. [Plans, Spec. 715-5, 715-7, Index 17721]
7. Installation of all lighting is done in accord with [Indexes 17500 to 17515].
8. Trench backfill is done per Spec. and Index. [Spec. 715-5, Index 17721]
9. Ground rods for poles installed per Spec & Index. [Spec. 715-11, Index 17502]
10. Provide an approved copy of all applicable shop drawings and 2 copies of the as-built plans to the maintaining agency before Final Acceptance. [Index 17501, Note 8]
11. Ensure the surge protection devices used are approved and installed properly. [Index 17500, 17501]
12. Where the location of the electrical service pole requires an extension of the power company's lines, ensure the Contractor bears all line-extension cost for up to the first 2,000 feet of such extensions. [Spec. 715-4]
13. All wiring shall be color coded. [Spec. 992-5, Index 17501 Note 14]

14. Make all necessary splices or connections with solderless connectors or compression sleeves. Do not use twist-on connectors if any of the conductors involved are larger than No.10. All splices shall be made in a pull box or pole base with compressive sleeves or split bolt connectors properly taped and weatherproofed. [Spec. 715-8]
15. Ground rods and wires are connected properly. [Index 17500 Sheet 1, 17501, 17502 Sheet 6, 17504, 17505 Sheet 1]
16. When placing slabs around the pull boxes and light poles, make provisions to remove forms without injury to concrete surfaces. Also do not leave any portion of the forms in the concrete. [Spec 400-5.1, Index 17500 Sheets 2 & 3, Index 17700]