

**FY 2019/2020 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 accordance with the layout shown in the plans. [Plans, Spec. 715-5, 715-9, Index 630-001]
7. Installation of all lighting is done in accordance with Indexes 715-001 to 715-010, Index 639-001, Index 700-031 and the Contract Documents.
8. Trench backfill is done per Spec. and Index. [Spec. 715-5, Index 630-001]
9. Ground rods for poles installed per Spec & Index. [Spec. 715-11, Index 715-010]
10. Ensure the surge protection devices used are installed per Spec & Index. [Index 715-001, Spec 992]
11. All wiring shall be color coded. [Spec. 992]
12. Make all necessary splices with split bolt connectors. [Spec. 715-8]
13. Ground rods and wires are connected properly. [Index 715-001 Sheet 1, 715-010, 639-001, 700-031 Sheet 1]

14. 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 715-001 Sheets 2 & 3, Index 635-001]