

INSTRUCTIONS FOR USE OF CONSTRUCTION SPECIFICATION
LIGHTING SYSTEM IMPROVEMENT, CODE 670

1. Applicability

This specification is applicable for the replacement or retrofit of an existing agricultural lighting system to reduce energy use.

2. Items to be included in the "ITEMS OF WORK AND CONSTRUCTION DETAILS" or on the Construction Drawings.

- a. Include a plan view showing the location of the lighting system including an electrical wiring diagram.
- b. Identify and describe the existing lighting environment, including lumen output, number and placement of luminaires, number of lamps per fixture, wattage, lamp-type, brand and model of fixture, controls and wiring, and activity for discrete areas.
- c. Method of disposal of all items to be removed.
- d. Identify the replacement brand and model of fixture, number of lamps per fixture, ballast type, lamp wattage, lamp-type, and fixture rating (dust proof, water resistance, wash down, etc.). State the recommended illumination level.
- e. Describe the specific number and arrangement of fixtures to be replaced and/or installed, along with the power source and controls.
- f. Disposal plan for lamps and ballasts.
- g. Location of utilities and notification requirements.