

To ensure quality of electronic ballasts, project team must ensure electronic ballasts with the following certification are considered:

- UAE.S/IEC 61347-2-8:2012
- American National Standards Institute (ANSI)
- European Electronic Ballast Standard
- Certified Ballast Manufacturers (CBM) standards, or other standard approved by the Dubai Municipality (If CBM standards are used, the certified ballast must meet the electrical requirements as specified by the appropriate section of C82.1 or C82.11 and C78 series)

Normally the certification is printed on the ballasts and this can be used as a proof of compliance. Certification shall be undertaken by an independent testing laboratory approved by DM / DCL. The ballast performance shall be at rated / nominal voltage. Special ballasts are to be used for dimming lights.

COMPLIANCE DOCUMENTATION

Table 502.07(1): Documents Required

Project Stages	Submittal Documents
Design Permit Application	1. DM BLDG Al Sa'fat declaration.
Construction Completion Application	1. Lighting fixtures manufacturer technical data-sheet including ballast details.
After Completion	Not applicable.

REFERENCES AND ADDITIONAL INFORMATION

Emirates Authority for Standardization & Metrology. (2012). UAE.S/IEC 61347: Lamp Control Gear – Part 2-8 Particular Requirements for Ballast for Fluorescent Lamps.

American National Standards Institute. (2017). ANSI C82.11: American National Standard for Lamp Ballasts--High-Frequency Fluorescent Lamp Ballasts.

British Standards Institution. (2015). BS EN 61347-1: Lamp controlgear. General and safety requirements.