

NR/L2/ELP/27238/APP-F

Lighting installations

Appendix F Lighting installations

F.1 Purpose

This document is the specification for the maintenance of lighting installations

F.2 Scope

This specification details the requirements for the minimum maintenance attention to any non-emergency lighting installation.

F.3 Definitions

Competent Person

A person who has such practical and theoretical knowledge and actual experience of the type of equipment as will enable them to detect defects which it is the purpose of the examination to discover.

F.4 Maintenance requirements

F.4.1 General

All equipment covered by this Specification shall be maintained in accordance with the Heating and Ventilating Contractors Association (HVCA) Standard Maintenance Specification for Services in Buildings, Volume 5 - Electrics in Buildings.

All locations installed with equipment covered by this Specification shall be maintained in accordance with Regulation 5 of the Workplace (Health, Safety and Welfare) Regulations 1992.

The frequency and content of the maintenance tasks stated in this Specification are regarded as those required to prevent danger and to sustain operational availability.

Planned maintenance relamping shall be employed on lighting installations when the previously installed lamp batch has reached 85% of the average rated lamp life of the lamps installed. This activity should be planned to be carried out during the annual maintenance task. This should only be applied to fluorescent and other types of discharge lamp. Lamps that fail prematurely should be replaced, but should not affect the overall relamping policy. GLS lamps should only be replaced on failure.

Typical Average Rated Lamp Life is as follows:

High Pressure Sodium	SON	9000 hrs
High Pressure Mercury	MBF/HPL	7500 hrs
Fluorescent	All types	7500 hrs

Burning hours can be derived from total occupation times or a combination of Almanac Data and timeclock settings.

Cleaning of luminaires shall be carried out annually using cleaning agents assessed under the Control of Substances Hazardous to Health Regulations 1988 (COSHH) with particular cleaning emphasis on the following areas: