

Requirement P1: Design and installation

This approved document deals with the following requirement from Part P of Schedule 1 to the Building Regulations 2010.

Requirements

Requirement

Design and installation

P1. Reasonable provision shall be made in the design and installation of electrical installations in order to protect persons operating, maintaining or altering the installations from fire or injury.

Limits on application

The requirements of this part apply only to electrical installations that are intended to operate at low or extra-low voltage and are:

- (a) in or attached to a dwelling;
- (b) in the common parts of a building serving one or more dwellings, but excluding power supplies to lifts;
- (c) in a building that receives its electricity from a source located within or shared with a dwelling; or
- (d) in a garden or in or on land associated with a building where the electricity is from a source located within or shared with a dwelling.

Performance

In the Secretary of State's view, the requirements of Part P will be met if **low voltage** and **extra-low voltage electrical installations** in dwellings are designed and installed so that both of the following conditions are satisfied.

- a. They afford appropriate protection against mechanical and thermal damage.
- b. They do not present electric shock and fire hazards to people.