

APPENDIX 6 TESTING AND REPORTING ARC FAULT DETECTION DEVICES



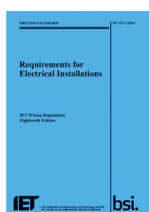
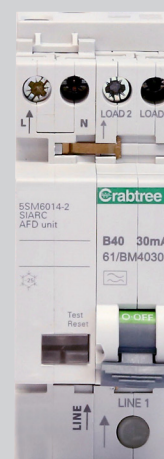
AFDDs are included in the schedule of inspections and on the schedule of test results in Appendix 6.

In the schedule of inspections, under the section dealing with consumer units and distribution boards there is a reference to check for the AFDD six monthly test notice, similar to common practice for RCDs and RCBOs.

Also in the schedule of test results form there is a new tick box on AFDDs which allows the installer to record operation of the manual test button on the AFDDs. Again this is similar to RCDs and RCBOs.

Footnote: The AFDD product standard states that “an AFDD shall be provided with a manual or automatically initiated test function (or both) that checks the arc detection circuit.”

Automatic test function shall be performed at every switch on and every day, automatic testing is not required to open the contacts. Manual testing via test button shall trip the device.



For full details see BS7671 IET Wiring Regulations

Crabtree