

Lodge Park Sports Centre – Corby

Remedial works carried out from E.I.C.R #201700024 for all

(CODE 1 and CODE 2 ITEMS)

1. Door entry spur cracked (Item #9) – Replacement F.C.U installed and circuit retested.
2. Exposed cabling in gym DB cupboard (Item #11) – Although this was not mains cabling the cables have been terminated in to an enclosure.
3. DB 4 Circuit 6L1, R.C.B.O failure (Item #15) – R.C.B.O replaced and circuit retested.
4. Glass washer in kitchen cables exposed (Item #16) – Cables disconnected from switched fuse connection unit and reterminated.
5. Kitchen DB Circuit 8L3,R.C.B.O failure. (Item #19) – R.C.B.O replaced and circuit retested.
6. Kitchen DB Circuit 7L2,R.C.B.O failure. (Item #19) – R.C.B.O replaced and circuit retested.
7. Air Con unit 6 on roof requires rewire as cables burnt out. (Item #22) – Cable terminations re examined at switched isolator and poor connections were found. Cable re stripped and terminated and circuit retested.
8. Cable copper exposed on circuit breaker. (Item 15) – Circuit DB Kitchen reterminated in to M.C.B.
9. IP2X-Spur in kitchen cupboard (Item #17) – Hole in spur sealed off.
10. Hole in the bottom of heater spur. (Item #24) – Blank grommet installed in F.C.U.
11. DB 1 Circuit 3L2. Excessive earth loop impedance reading obtained (Item 49) – Type B R.C.B.O installed and circuit retested.
12. DB 4 Circuit 5L3. Excessive earth loop impedance reading obtained (Item 53) – Type B R.C.B.O installed and circuit retested.
13. Excessive earth fault loop impedance readings obtained for circuits.
 - DB2 CCT 10L3 (0.61Ohms)
 - DB3 CCT 3L1 (0.74Ohms)
 - DB3 CCT 4L1 (0.58ohms)

These circuits are being protected each by a BS61009 30mA R.C.B.O (RCD).

Where the maximum Zs value for a protective device cannot be satisfied in a TN system, Regulation 531.3.1permits a R.C.D (Including a R.C.B.O to be used to provide automatic disconnection of the supply.

Table 41.5 in BS7671 would therefore apply and this states that the maximum tabulated Zs value for a 30mA RCD IS 1667Ohms.

(This was also confirmed by the NICEIC)