

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations by an Approved Contractor or Conforming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZK

Contractor's Reference Number

N/A

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client Corby Borough Council

Date minor works completed

22/02/2019

Part P ref

N/A

Description of the Minor works

Existing circuit tested where R.C.B.O installed to protect the circuit where original had reported high Zs reading when tested during recent E.I.C.R.
(Circuit tested is DB1 3L2)

Details of departures, if any, from BS 7671 (as amended)

None

Location/address of the minor works

Lodge Park Sports Centre
134-148 Shetland Way
Corby

Postcode: NN17 2SG

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements

TN-C-S



TN-S



TT



TN-C



IT



Protective measure(s) against electric shock

ADS

Overcurrent protective device for the modified circuit

BS(EN)

BS EN 61009 RCD/RCBO B

Type

B

Rating

32

A

Residual current device (if applicable)

BS(EN)

BS EN 61009 RCD/RCBO B

Type

B

I_{Δn}

30

mA

Details of wiring system used to modify the circuit

Type

Thermoplastic cables in metallic conduit

Reference method

B

csa of lives

2.5

mm²

csa of cpc

2.5

mm²

Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671

0.4

s

Maximum Z_s permitted by BS 7671

1.37

Ω

Comments, if any, on existing installation, including adequacy of earthing and bonding arrangements (see Regulation 132.16):

Existing installation is wired to BS7671 16th Edition.

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

Confirmation that necessary inspections have been undertaken

P

(P)

Confirmation of the adequacy of earthing

P

(P)

Confirmation of the adequacy of protective bonding

P

(P)

Confirmation of correct polarity

P

(P)

Circuit resistance

(R₁ + R₂) N/A

Ω

or

R₂

0.56

Ω

Maximum measured earth fault loop impedance, Z_s

0.53

Ω

Insulation resistance

(In a polyphase circuit, record the lower or lowest value, as appropriate)

Line/Line

N/A

MΩ

Line/Earth

> 200

MΩ

Line/Neutral

> 200

MΩ

Neutral/Earth

> 200

MΩ

RCD operating time at I_{Δn} (if RCD fitted)

39.2

ms

RCD operating time at 5I_{Δn} if applicable

32.0

ms

Test button operation satisfactory

✓

(P)

Agreed limitations, if any, on the inspection and testing:

Instrument Serial No(s):

224528

PART 4: DECLARATION

Details of permitted exceptions appended: N/A

Risk assessment appended: N/A

No. of pages

I CERTIFY that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my knowledge and belief, at the time of inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

*2019

The results of the inspection and testing reviewed by the Qualified Supervisor

Name (CAPITALS)

JOHN MCALINDEN

Name (CAPITALS)

JOHN MCALINDEN

Signature



Signature



Position

Q.S

Position

Q.S

Date

22/02/2019

Date

22/02/2019

For and on behalf of (Trading title of approved contractor)

MacLaw Electrical Services Ltd

Address and Postcode

32, Weston Walk, Corby, Northants
NN18 0HL



Enrolment Number

503625000

Branch number (if applicable)

N/A

(The enrolment number is essential information)