

# 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 5ZX

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

Date minor works completed  Part P ref

Description of the Minor works  
Existing air con circuit has been retested where cable has been re-terminated as recent E.I.C.R. ad reported signs of overheating.  
Circuit tested is DB Lift supply 6L123 - Air con unit number 6

Details of departures, if any, from BS 7671 (as amended)  
Installation was originally wired to BS 7671 16th Edition

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

Overcurrent protective device for the modified circuit  
 BS(EN)  Type  Rating

Residual current device (if applicable)  
 BS(EN)  Type  I $\Delta$ n  mA

Details of wiring system used to modify the circuit  
 Type  Reference method  csa of lives  mm<sup>2</sup> csa of cpc  mm<sup>2</sup>

Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671  
 s Maximum Z<sub>s</sub> permitted by BS 7671   $\Omega$

Comments, if any, on existing installation, including adequacy of earthing and bonding arrangements (see Regulation 132.16):  
 Existing installation was originally wired to BS 7671 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 (R <sub>1</sub> + R <sub>2</sub> )	0.15 $\Omega$	or R <sub>2</sub> $\Omega$
Maximum measured earth fault loop impedance, Z <sub>s</sub>	0.25 $\Omega$	

Insulation resistance <i>(In a polyphase circuit, record the lower or lowest value, as appropriate)</i>			
Line/Line	N/A	M $\Omega$	Line/Earth > 200 M $\Omega$
Line/Neutral	> 200	M $\Omega$	Neutral/Earth > 200 M $\Omega$
RCD operating time at I $\Delta$ n (if RCD fitted)			N/A ms
RCD operating time at 5I $\Delta$ n if applicable			N/A ms
Test button operation satisfactory			(P)

Agreed limitations, if any, on the inspection and testing:  
 Earth loop impedance test carried out for the circuit only.  
 See additional notes:

Instrument Serial No(s):  
 224528

## PART 4: DECLARATION

Details of permitted exceptions appended:  Risk assessment appended:  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.

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

Name (CAPITALS)	<input type="text" value="JOHN MCALINDEN"/>	Name (CAPITALS)	<input type="text" value="JOHN MCALINDEN"/>	For and on behalf of (Trading title of approved contractor)	<input type="text" value="MacLaw Electrical Services Ltd"/>
Signature		Signature		Address and Postcode	<input type="text" value="32, Weston Walk, Corby, Northants NN18 0HL"/>
Position	<input type="text" value="Q.S."/>	Position	<input type="text" value="Q.S."/>		
Date	<input type="text" value="22/02/2019"/>	Date	<input type="text" value="22/02/2019"/>		

Enrolment Number  Branch number (if applicable)  (The enrolment number is essential information)

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### ADDITIONAL NOTES

**Agreed limitations:**

As LPSC is in use during the working day, therefore circuits could not be isolated. (Emergency light is on a plug and lead system for ease of maintenance.

Circuit tested is DB 1 1/L3 - Lights corridor.