



# NAPIT Electrical Certificate Installation/Modification

Requirements for Electrical Installations – BS 7671: 2008 incorporating Amendment No.2, 2013 [IET Wiring Regulations]  
Can be used for new installations, additions or alterations. Please complete all the unshaded areas.

NA/S118

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## 1 Details of the installation

Client **BLACKTHORNE PROPERTIES**  
Address  
Postcode

Installation (if different from client)  
Address **22 HAREFIELD ROAD SHEFFIELD**  
Postcode **S11 8NU**

## 2 Description, extent and limitations of the installation (note 5)

Installation is New  Addition  Alteration  Records available Yes  No  Date of original installation

Description of installation **FULL ELECTRICAL REWIRE**

Extent of installation covered by this Certificate  
**THE FULL ELECTRICAL INSTALLATION**

Details of departures from BS 7671 (Regulations 120.3 and 133.5)  
Comments on the existing installation (use continuation sheets if necessary) See page(s)  
This inspection has been carried out in accordance with BS 7671: **2008** (IET Wiring Regulations), amended to **2011** (date)

## 3 For design, construction, inspection and testing [For sole single person responsibility.] [For multiple responsibility complete sec. 4.5.6]

I/we being the person(s) responsible for design, construction, inspection and test of the electrical installation (as indicated by my/our signature below), particulars of which are described in Section 2, having exercised reasonable skill and care when carrying out the design, construction, inspection and test hereby CERTIFY that the design, construction, inspection and test for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with BS 7671:2008, amended to (date).

The extent of liability of the signatory or the signatories is limited to the work described in Section 2 as subject of this certificate.  
For the DESIGN / CONSTRUCTION / INSPECTION AND TEST of the installation:

Company name **GDA 3**  
Installer **M. HILL**  
Company address **UNIT 1A CAWWHITE LANE PROSFIELD**  
Postcode **S18 1XP**

Signature  
**M. Hill**  
Position **ELECTRICIAN**  
Date **2.6.15**  
NAPIT membership No. **24928**

## 4 For construction [If different from sec. 3]

I/we being the person(s) responsible for construction of the electrical installation (as indicated by my/our signature below), particulars of which are described in Section 2, having exercised reasonable skill and care when carrying out the construction hereby CERTIFY that the construction work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with BS 7671:2008, amended to (date).

The extent of liability of the signatory or the signatories is limited to the work described in Section 2 as subject of this certificate.  
For the CONSTRUCTION of the installation:

Company name  
Installer  
Company address  
Postcode

Signature  
Position  
Date  
NAPIT membership No.

## 5 For inspection and testing [If different from sec. 3]

I/we being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signature below), particulars of which are described in Section 2, having exercised reasonable skill and care when carrying out the inspection and testing hereby CERTIFY that the work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with BS 7671:2008, amended to (date).

The extent of liability of the signatory or the signatories is limited to the work described in Section 2 as subject of this certificate.  
For the INSPECTION AND TESTING of the installation:

Company name  
Inspector  
Company address  
Postcode

Signature  
Position  
Date  
NAPIT membership No.

### Next inspection

I/we the designer[s] recommend that this installation is further inspected after an interval of not more than  years/months.





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### For Designer 1 [If different from sec. 3]

Company name \_\_\_\_\_  
 Designer \_\_\_\_\_  
 Company address \_\_\_\_\_  
 Postcode \_\_\_\_\_  
 Date \_\_\_\_\_ NAPIT membership No. \_\_\_\_\_

I/we being the person(s) responsible for design of the electrical installation (as indicated by my/our signature below), particulars of which are described in Section 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with

BS 7671:2008, amended to \_\_\_\_\_ (date).

Signature \_\_\_\_\_

### For Designer 2 \*\* (if applicable) [If different from sec. 3]

Company name \_\_\_\_\_  
 Designer \_\_\_\_\_  
 Company address \_\_\_\_\_  
 Postcode \_\_\_\_\_  
 Date \_\_\_\_\_ NAPIT membership No. \_\_\_\_\_

I/we being the person(s) responsible for design of the electrical installation (as indicated by my/our signature below), particulars of which are described in Section 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with

BS 7671:2008, amended to \_\_\_\_\_ (date).

Signature \_\_\_\_\_

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### Supply characteristics and earthing arrangements

Earthing Arrangements TN-S  TN-C-S  TT  Other  Please specify: \_\_\_\_\_

Number & type of live conductors a.c.  d.c.  No. of phases \_\_\_\_\_ No. of wires \_\_\_\_\_

Nature of Supply Parameters (Note: (') by enquiry, (") by enquiry or by measurement)

Nominal voltage, U/U<sub>o</sub> (') 230 V Nominal frequency, f (") 50 Hz Confirmation of supply polarity \_\_\_\_\_

Prospective fault current, I<sub>pf</sub> (') 1.86 kA External loop impedance, Z<sub>e</sub> (") 0.14 Ω

Supply Protective Device BS 1361 Type II Nominal Current Rating 100 A Main Supply Tails 25mm

Other Sources of Supply (as detailed in attached schedule)

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### Particulars of installation referred to in this certificate

Means of Earthing Distributor's facility  Installation earth electrode

Details of Installation Earth Electrode (where applicable) Type (e.g. rod(s), tape etc) \_\_\_\_\_

Location \_\_\_\_\_ Electrode resistance to earth \_\_\_\_\_ Ω

#### Maximum demand

Max Demand (load) 100 W/A/Amps (delete as appropriate)

Main Protective Conductors Material Csa (mm<sup>2</sup>) Verified Csa (mm<sup>2</sup>) Verified

Earthing Conductor CU 16  Water

Protective Bonding Conductor CU 10  Gas

Other \_\_\_\_\_ Oil

#### Main Switch / Switch-Fuse/ Circuit Breaker / RCD

Location 60947-3 BS(EN) CEUAR No. of Poles 2 Current rating 100 A

Fuse/device rating or setting \_\_\_\_\_ A Voltage rating \_\_\_\_\_ V

If RCD main switch: Rated residual operating current I<sub>Δn</sub> = \_\_\_\_\_ mA Rated time delay \_\_\_\_\_ ms (at I<sub>Δn</sub>)

#### Comments on existing installation (in the case of addition or alteration see Section 633)

Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(For additions or alterations) cables concealed within trunking and conduits, or cables or conduits concealed under floors, in roof spaces and generally within the fabric of the building or underground may not have been inspected.

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# NAPIT Electrical Test Schedule

Requirements for Electrical Installations - BS 7671:2008 Incorporating Amendment No.2:2013  
[IET Wiring Regulations 17th Edition]

Please complete all the unshaded areas.

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Client: \_\_\_\_\_ Installation address: \_\_\_\_\_

**Complete in every case**

Location of distribution board: CEVAM  
Distribution board designation: 1  
Number of ways: 10

Supply to distribution board is from: N/A  
Overcurrent protective device for the distribution circuit: N/A  
Type BS(EN): N/A  
Supply polarity confirmed:

No. of Phases: N/A  
Nominal Voltage: N/A  
Rating: N/A  
Phase sequence confirmed:

**Characteristics at the distribution board**

Z<sub>s</sub>: N/A  
I<sub>pn</sub>: N/A  
Operating times of RCD (if any): N/A  
At I<sub>Δn</sub>: N/A  
ms: N/A  
ms: N/A  
RCD No of Poles: N/A  
I<sub>Δn</sub>: N/A  
ms: N/A

Associated RCD (if any): BS (EN): N/A

**Test instrument serial number(s)**

Earth fault loop imped.: 6111/771  
Insulation resistance: \_\_\_\_\_  
Continuity: \_\_\_\_\_  
RCD: \_\_\_\_\_

Postcode: \_\_\_\_\_

Circuit No. and phase	Circuit designation	Type of wiring	Ref. method	No. of points served	Circuit conductors			Maximum disconnection time (BS:7671) (s)	Overcurrent protective devices			RCD operating current I <sub>Δn</sub> (mA)	BS7671 Max. permitted value Z <sub>s</sub> Other (Ω)	Circuit impedance Ω			Insulation resistance (Record lower reading)		Polarity (✓)	Maximum measured Z <sub>s</sub> (Ω)	RCD testing		Test Button operation (✓)	
					Live (mm <sup>2</sup> )	CPC (mm <sup>2</sup> )	sa		BS EN Number	Type No.	Rating (A)			p/c (kA)	I <sub>1</sub>	I <sub>n</sub>	I <sub>2</sub>	Live/ Live (MΩ)			Live/ Earth (MΩ)	at I <sub>Δn</sub> ms		at 5 I <sub>Δn</sub> ms
1	CEVAM SOCKET	A	1	2.5	1.3	4	60898	0	16	6	30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	COFT SOCKETS	A	10	2.5	1.5	4	60898	0	32	6	30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	EM LIGHTS	A	6	1.0	1.0	5	60898	0	6	6	30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	SOCKETS MIDDLE	A	12	2.5	1.5	4	60898	0	32	6	30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	SOCKETS	A	1	10	4	4	60898	0	40	6	30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	LOFT LIGHTS	A	14	1.5	1.0	5	60898	0	6	6	30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	LIGHT MIDDLE Floor	A	7	1.5	1.0	5	60898	0	6	6	30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	SOCKETS Floor	A	12	2.5	1.5	4	60898	0	32	6	30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Details of circuits and/or installed equipment vulnerable to damage when testing

See attached sheets page(s) \_\_\_\_\_ of \_\_\_\_\_

Wiring Types 1= PVC/PVC 2= Single Insulated in Conduit or Trunking 3= Mineral Insulated 4= SWA/XPLE 5= FP200 6= Other =

Tested by: Name (capital letters) M. Hill  
Position Electrician

Date(s) 2.6.15

Signature M. Hill



