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41724

DEIC18.2

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018+A2:2022 - Requirements for Electrical Installations

PART 1: DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Registration No: **EP 2270** Branch No: **2270**
Trading Title: **PARK ELECTRICAL (BEDFORD) LTD**
Address: **49 PENNINGE RD, BEDFORD**

Postcode: **MK6 1JA** Tel No: **07808602932**

DETAILS OF THE CLIENT

Contractor Reference Number (CRN):
Name: **KANSHO PROPERTY LTD**
Address:
Postcode:

Tel No:

DETAILS OF THE INSTALLATION

Occupier: **KANSHO PROPERTY LTD**
Unique Property Reference Number (UPRN):
Address: **29 TRENSHARD DRIVE**

Postcode: **M22 5LZ** Tel No:

PART 2: DETAILS OF THE ELECTRICAL WORK COVERED BY THIS INSTALLATION CERTIFICATE

Date works completed: **8.7.24** The installation is **New** () **Existing** () An alteration: () Replacement of a distribution board: ()
Description and extent of the installation covered by this certificate: **ALL ELECTRICAL INSTALLATION**

Where necessary, continue on a separate numbered page: Page No(s) ()

PART 3: COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A Where necessary, continue on a separate numbered page: Page No(s) ()

PART 4A: DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the design, construction, inspection and testing of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design, construction, inspection and testing for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671: 2018+A2:2022 except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

where required, continued on attached separate page(s) ()

• Permitted exception applied (HTI 3.3): Yes/NA () Risk assessment attached: () Page No(s) ()
I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: **11.7.24** (date)

The proposed date for the next inspection should take into consideration any legislative or licensing requirements and the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties

Name (capital): **PULIP PARK** Organisation: **NIC-EIC** Registration No: **EP 2270**

Address: **49 PENNINGE RD, WOODLEY**

Signature: **P.E. GARY** Date: **11.7.24** Postcode: **MK6 1JA** Tel No: **07808602932**

REVIEWED BY QUALIFIED SUPERVISOR

Name (capital): **C LINDON**

Signature: **[Signature]** Date: **11.7.24**

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Enter a (✓) or value in the respective fields, as appropriate.
Where an item is not applicable insert N/A

Please see the 'Notes for Recipients'

Page 1 of 5

Original (to the person ordering the work)

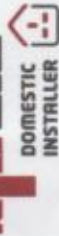
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PART 4B: DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 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: 2018+A2:2022 except for the departures, if any, detailed on attached page(s) (.....) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): Yes/NA Risk assessment attached: (.....) Page No(s) (.....)

DESIGNER 1 Name (capital): PHILIP PARK

Signature: P. E. Park

Date: 11.7.24

DESIGNER 2 (where there is divided responsibility for design) Name (capital):

Signature:

Date:

I/We, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by:

(date)

The proposed date for the next inspection should take into consideration any legislative or licensing requirements and the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

Organisation (Designer 1): PHILIP PARK

Registration No*: EPP 2270

Organisation (Designer 2):

Registration No*:

Address: 49 PENNINE RD, WOODLEY

Address:

Postcode: SK6 1DR Tel No: 07808002932

Postcode:

Tel No:

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671: 2018+A2:2022 except for the departures, if any, detailed on attached page(s) (.....) (Regulations 120.3 and 133.5).

Name (capital): PHILIP PARK

Organisation: N.I.C - EIC

Registration No*: EPP 2270

Address: 49 PENNINE RD, WOODLEY

Postcode: SK6 1DR

Tel No: 07808002932

Signature: P. E. Park Date: 11.7.24

Postcode:

Tel No: 07808002932

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the inspection and testing of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671: 2018+A2:2022 except for the departures, if any, detailed on attached page(s) (.....) (Regulations 120.3 and 133.5).

Name (capital): PHILIP PARK

Organisation:

Registration No*: EPP 2270

Address: 49 PENNINE RD, WOODLEY

Postcode: SK6 1DR

Tel No: 07808002932

Signature: P. E. Park Date: 11.7.24

Postcode:

Tel No: 07808002932

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capital): C. L. M. O'NEILL

Signature:

Date: 11.7.24

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).



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PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements	Number and type of live conductors	Nature of supply parameters
TN-C: (.....) TN-S: (.....) TT: (.....)	AC 1-phase, 2-wire: (✓) 3-phase, 3-wire: (.....) DC 2-wire: (.....) 3-wire: (.....) Other: (.....)	Nominal voltage between lines, U_{ll} : (230) V Nominal line voltage to Earth, U_{lo} : (230) V Nominal frequency, f : (50) Hz Prospective fault current, I_{pf} : (224) kA Earth fault loop impedance, Z_e : (0.38) Ω
Supply protective device	Confirmation of supply polarity: Other sources of supply (Schedule of Test Results)	Page No: (.....)
BS EN: (1361) Type: (F14X5)	Rated current: (.....) A	

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (100) A (delete as appropriate)	Main protective conductors	Main switch / Switch-fuse / Circuit-breaker / RCD
Means of Earthing	Earthing conductor: (material) COPPER csa (16) mm ² Connection/continuity verified: (✓)	Location: (LIVING ROOM) BS EN: (60947-3) Type: (304-501) No. of poles: (2) Current rating: (100) A Voltage rating: (230) V
Distributor's facility: Installation earth electrode(s): (✓) Earth electrode type – rod(s), tape, etc: (.....) Location: (.....) Electrode resistance to Earth: (.....) Ω	Main protective bonding conductors: (material) COPPER csa (10) mm ² Connection/continuity verified: (✓)	Where an RCD is used as the main switch RCD rated residual operating current, $I_{\Delta n}$: (.....) mA Rated time delay: (.....) ms Measured operating time: (.....) ms RCD Type: (.....)

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓ or N/A, as applicable)

Item	Outcome	Outcome
1. Condition of consumer's intake equipment (visual inspection only)	✓	(✓) 12. Location(s) containing a bath or shower
2. Parallel or switched alternative sources of supply	(N/A)	(✓) 13. Other special installations or locations
3. Protective measure: Automatic disconnection of supply (ADS)	(✓)	(✓) 14. Prossumer's low voltage installation(s)
4. Basic protection	(✓)	
5. Protective measures other than ADS	(N/A)	
Schedule of items inspected by Name (capital): PETER PARK Signature: P. E. Park Date: 11-7-24		

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)	Additional pages, including data sheets for additional sources	Special installations or locations (indicated in item 13 of PART 7)	Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)	Continuation sheets
Page No(s): (4, 5)	Page No(s): (.....)	Page No(s): (.....)	Page No(s): (.....)	Page No(s): (.....)

*Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, I_{pf} , and external earth fault loop impedance, Z_e , must be recorded.

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Enter a (✓) or value in the respective fields, as appropriate.

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PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

Circuit number	Continuity (Ω)			Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s	RCD		AFDD**	Comments and additional information, where required	
	All circuits (complete at least one column)			Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)			Operating time*	Test button			
	Ring final circuits only (measured end to end)	(cpc) R ₂	(R ₁ + R ₂)										R ₃
RCB													
1					7999								
2	0.47	0.48	0.86		7944	417	500	✓	0.61	20.2	✓	N/A	
3					7999	462	500	✓	0.44	20.2	✓		
4					7999	367	500	✓	0.41	20.2	✓		
5					7998	7998	500	✓	0.46	20.2	✓		
6					7999	431	500	✓	0.52	20.2	✓		
RCB													
7					7944	483							
8	0.34	0.49	0.96		7999	377	500	✓	0.54	24.2	✓	N/A	
9					7999	384	500	✓	0.47	20.2	✓		
10					7999	483	500	✓	0.72	24.2	✓		
11					7999	463	500	✓	0.61	24.2	✓		
12					7999	452	500	✓	0.55	24.2	✓		

Circuits/equipment vulnerable to damage when testing (where applicable):

TESTED BY

Name (capital):

Philip Parik

Position:

Electrician

Signature:

P. S. Parik

Date:

11.7.24

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:

Continuity:

Insulation resistance:

Earth fault loop impedance:

Earth electrode resistance:

RCD:

* RCD effectiveness is verified using an alternating current test at rated residual operating current (I_{Δn})

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

CODES for Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic insulated in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic conduit	(E) Thermoplastic cables in metallic trunking	(F) Thermoplastic cables in non-metallic trunking	(G) Thermoplastic / SWA cables	(H) Mineral-insulated cables	Other (state):
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Enter a (✓) or value in the respective fields, as appropriate.

Where an item is not applicable insert N/A