| | | | ELECTRICAL | Requirements Fo | I I ON CERTIFICATE or Electrical Installations - BS 7671 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------|
| | | | Certificate Num | nber: | 100043 |
| 1 DETAILS OF THE | CLIENT | | | | |
| | ty of Warwick, Estates Of | fice, Porta Cabin, R | /O Boiler House, Lord | Bhattacharyya Wa | y, Coventry, CV4 7AL |
| 2 DETAILS OF THE I | NSTALLATION | | | | |
| Installation Address: | University of Warw | ick - Cryfield Co | ttage 1 Only (01. | 136), CV4 7AL | |
| Extent of the installation | | | | | e alarm to ceiling with new screws. |
| covered by this certificate: | Circuit 10 - 1 X Screw Missing F | Additio | on to an | Alt | eration to an |
| The installation is: | New installation | NI/A | ng installation | 1// | isting installation |
| JESIGN I/We being the person(s) reparticulars of which are described that the design work for which 7671: 2018, amended to 2022 Details of departures from BS | ibed above, having ex h I/we have been resp 2 except for the depart | ercised reasonable onsible is to the later tures, if any, deta | le skill and care wh best of my/our kno | en carrying out t | the design, hereby CERTIFY |
| Details of permitted exception | _ | | | Risk ass | essment attached N/A |
| | is (Regulations 411.5. | 3). | | NISK USS | 535ment attached 1071 |
| The extent of liability of the s For the DESIGN of the inst | | limited to the wo | ork described above | e as the subject of | of this certificate. |
| Name: | Position: | | Signature: | | Date: 15/08/2023 |
| Where there is divided res | - | esign: | | | 45/00/0000 |
| Name: | Position: | | Signature: | | Date: 15/08/2023 |
| 1/We being the person(s) reparticulars of which are descr CERTIFY that the construction accordance with BS 7671:201 | ibed above, having ex n work for which I/we | ercised reasonabl have been respor | le skill and care wh nsible is to the best | en carrying out to the contract of my/our know | the construction, hereby rledge and belief in |
| Details of departures from BS | . • | • | | | |
| The extent of liability of the s For the CONSTRUCTION of | | limited to the wo | ork described above | e as the subject o | of this certificate. |
| Name: | Position: | | Signature: | | Date: 15/08/2023 |
| 5 INSPECTION AND | TESTING | | | | |
| I/We being the person(s) re signatures below), particulars inspection and testing, hereby my/our knowledge and belief follows. | esponsible for the inspo of which are describe y CERTIFY that the ins | d above, having e pection and testir | exercised reasonab ng work for which I | le skill and care was loved have been r | when carrying out the esponsible is to the best of |
| Details of departures from BS | . • | • | | | 6.11. |
| The extent of liability of the s For the INSPECTION AND | | | ork described above | e as the subject of | of this certificate. |
| Name: | Position: | | Signature: | | Date: 15/08/2023 |
| Report reviewed and confi | rmed by: | | | | |
| Name: | Position: | | Signature: | | Date: 15/08/2023 |
| DESIGN, CONSTR I/We being the person(s) re by my/our signatures below), out the design, construction, to the best of my/our knowled detailed as follows. | esponsible for the design particulars of which a inspection and testing | gn, construction, re described abov , hereby CERTIFY | inspection and test we, having exercise that the design wo 571:2018, amende | ed reasonable ski ork for which I/w | Il and care when carrying ve have been responsible is |
| Details of departures from BS The extent of liability of the s | ignatory/signatories is | limited to the wo | | | of this certificate. |
| For the DESIGN, the CONS | | | | ne installation: | 00/04/0000 |
| Name: Ian Greenmor Report reviewed and confi | | Electrician | Signature: | In Bennot | Date: 28/04/2023 |
| Sport rovious and comm | | | | | |

Brett Irving NEXT INSPECTION

Signature:

Qualified Supervisor

Position:

Date: 15/08/2023

5 Years

BIR

| DETAIL Design (1) | S OF THE E | | AL CONTRA od Electrical | | | | | | | | | | |
|-------------------------------------------------------|--------------------------|----------------------------------------------------|----------------------------|--------------|-------------------------------------------------------|-------------------------------|----------------|------------------------------|--|--|--|--|--|
| Address: | The Coach Ho | ouse, Locking | gton Hall | Registration | | 032788 | | | | | | | |
| rices. | Lockington Derbyshire | | | | | (if applicab | | | | | | | |
| APPROVED CONTRACTOR | Derbystille | | 0844 800 5540 | | | | | | | | | | |
| Design (2) Trading Title: Norwood (UK) Electrical Ltd | | | | | | | | | | | | | |
| Address: | The Coach Ho | | | | | Registration | | 032788 | | | | | |
| | Lockington | | | | | (if applicab | | | | | | | |
| | Derbyshire | 07547128722 | | | | | | | | | | | |
| Construction | Trading Tit | lo: Norwood | Postcode: | DE74 2 | | | | | | | | | |
| Constructio Address: | The Coach Ho | | d (UK) Electri | Cai Liu | | Registratio | n Number | 000700 | | | | | |
| | Lockington | Juse, Locking | gtorrrian | | | (if applicab | | 032788 | | | | | |
| | Derbyshire | | Destesde | DE74 2 | DLI | Telephone | Number: | 07547128722 | | | | | |
| I mana artica | | | Postcode: | DE /4 Z | КП | | | | | | | | |
| Inspection and Testing | Trading Tit | | d (UK) Electri | cal Ltd | | 5 | | | | | | | |
| Address: | The Coach Ho Lockington | ouse, Locking | gton Hall | | | Registration (if applicab | | 032788 | | | | | |
| | Derbyshire | | | | | Telephone | Number: | 07547128722 | | | | | |
| | | | Postcode: | DE74 2 | RH | | | | | | | | |
| 9 SUPPL' Earthing | Y CHARACT | ERISTICS | AND EART | THING | ARRAN | IGEMENTS | | | | | | | |
| Arrangements | Numbe | er and Type of 1-phase | Live Conducto 2-phase | | | of Supply Par | ameters | Supply Protective Device | | | | | |
| TN-S: | AC: | (2-wire): V 3-phase | | | Nominal v U/Uo: | oltage, | 230 V I | BS (EN): 3871 | | | | | |
| TN-C-S: N/A | 1 | (3-wire): N/ | | 1 | | requency, f: | 50 Hz | Гуре: 2 | | | | | |
| TNC: N/A | DC: N/A | 2-wire: N/ | 'A 3-wire: | | Prospective current, I | , lpf: 0.68 KA Rated current: | | | | | | | |
| TT: N/A | Other: | | N/A | | External earth fault oop impedance, Ze: 0.36 Ω | | | | | | | | |
| IT: N/A | Confirmation | of supply pol | larity: | • | Number o | of supplies: | 1 | | | | | | |
| | CULARS OF | INSTALLA | | | | | | | | | | | |
| Means of Ear Distributor's | thing ¦ | Type: | Details of | Installat | tion Earth Locatior | Electrode (wh | ere applicable |) | | | | | |
| facility: Installation | N/Δ | Resistance to | n Farth | Ω | Method | of | | | | | | | |
| earth electrode | e: | | | | measure | ement: | | | | | | | |
| Maximum Dem | nand (Load): | | | | | | | | | | | | |
| Main Switch / S | Switch-Fuse / C | | / RCD | | | | | | | | | | |
| Location: | | Origin | | | BS (EN): | 1361 - Ty | rpe 2 N | lumber of poles: 2 | | | | | |
| Current rating: | | Fuse/device | rating or settir | ng: | 80 A | Voltage rat | ing: 415 | 5 V | | | | | |
| RCD Type: | vitch: | Rated residuation current (I _{\Delta n}) | | 1 | ~ ∧ | ted time lay: | mc | leasured ms | | | | | |
| Earthing and P | rotective Bondir | ng Conductors | | | Bon | ding of extrane | eous-conducti | ve parts | | | | | |
| Earthing condu Conductor | | | Connection continuit | | To v | vater installati es: | on 🗸 | To gas installation pipes: | | | | | |
| material: | Copper | | nm ² verified: | | То | il installation | N/A | To lightning protection: N/A | | | | | |
| Conductor | Conner | 10 | Connecti continuit | | pipe To s | s: tructural | N/A | To other service(s): N/A | | | | | |
| material: | Copper | csa: 10 n | nm² verified: | ~ | stee | el: | IV/A | IN/A | | | | | |

| 1 COMMENTS ON EXISTING INSTALLATION | |
|-------------------------------------|--|
| None | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| 12 SCH | EDULE OF INSPECTIONS | |
|---------|-------------------------------------------------------------------|---------|
| Item No | Description | Outcome |
| 1.0 | Condition of consumer's intake equipment (visual inspection only) | Pass |
| 2.0 | Parallel or switched alternative sources of supply | N/A |
| 3.0 | Protective measure: Automatic disconnection of supply | Pass |
| 4.0 | Basic protection | Pass |
| 5.0 | Protective measures other than ADS | Pass |
| 6.0 | Additional protection | Pass |
| 7.0 | Distribution equipment | Pass |
| 8.0 | Circuits (Distribution and Final) | Pass |
| 9.0 | Isolation and switching | Pass |
| 10.0 | Current-using equipment (permanently connected) | N/A |
| 11.0 | Identification and notices | Pass |
| 12.0 | Location(s) containing a bath or shower | N/A |
| 13.0 | Other special installations or locations | N/A |
| 14.0 | Prosumer's low voltage electrical installation(s) | N/A |

All boxes must be completed. 'Pass' indicates that an inspection or test was carried out and that the result was satisfactory. 'Fail' indicates than an inspection or test was carried out and the result is not satisfactory. 'N/A' indicates that an inspection or test was not applicable to the particular installation. 'LIM' indicates that, exceptionally, a limitation agreed with the person ordering the work prevented the inspection or test being carried out.

Ref: 100043 - Page: 3 of 5

| 1 | DISTRIBUTION | N BOARD D | ЕТА | ILS | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------|---------------------|------------------|-------------------------|-------------------------|------------------------|--------------------------------------------|------------------------|--------------|------------|---------------------------|----------------------|------------------------|---------------------|------------------------------|------------|-----------|--------------------------|----------|----------|----------------|------------------|-------------|-------------------|-----------------|-------------------------|-------------------------|------------------------------|-------------------------------------|
| ' DB r | eference: | 01-136-00 | -002- | -DB1 | (MI | <) | | Lo | cation: | | | 01 | -136 | -00-002 | | | | Supp | olied f | rom | | | Ex | xtern | al Met | er C | upbo | ard | | |
| Distrib | ution circuit OCPD: | BS (EN): | | | | 13 | 361 | | | | | Туре | : | 2 | Rati | ng/S | ettir | ng: | 80 | Α | | No | of p | hases | s: | 1 | | | | |
| SPD D | etails: Types: | T1 N/A | T2 | N/A | | Г3 | N/A | Ν | /A / | | | | | ndicator nality ind | | • | | | N/A | 4 | | | | | | | | | | |
| | mation of supply po | | | | | | a of r | | | .0 | | N/A | ictioi | ianty mu | licatoi | pres | sent, | , | | | Zs at | + DB· | (| 0.36 | n | | pf at | DR: | 0.6 | 8 kA |
| | 1131 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS CIRCUIT DETAILS TEST RESULT DETAILS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Conc | ductor | | DETAI | (9) | Overcur | rent r | rotect | ive dev | /ice | | RCD | | | | Con | tinuity | (0) | ' | | | ation resistance | | | RC | ;D | AFDD |
| | | | | | | Nur | nber | | | , o | | | | | 1100 | | | Ring | final ci | | | ₩ <u></u> | | | Jordanos | | Zs | | | |
| ber | Circuit des | scription | g. | ethoc | 0 | | size | ect til | | | | | (a) s | | | ting | | 9 | | | Oi | K2 | 3 | Ma) | (MΩ) | | ন | 5 | S S | butto ck) |
| numk | | | f wirii | nce m | er of serve | 1m ²) | m ²) | sconn ted by | = | | 3 | y (k | um ted Zs | | | opera t (mA | € | (a | utral) | ⊕ | | | oltage | - Live (MΩ) | Earth | y (tick | um red (s | nections) | utton ion (ti | I test ion (ti |
| Circuit number | | | Type of wiring | Reference method | Number of points served | Live (mm ²) | cpc (mm ²) | Max disconnect time permitted by BS7671 | BS (EN) | Туре | Rating (A) | Breaking capacity (kA) | Maximum permitted | BS (EN) | Туре | Rated operating current (mA) | Rating (A) | r1 (line) | r _n (neutral) | r2 (cpc) | R1+R2 | R2 | Test voltage (V) | Live - I | Live - Earth (MΩ) | Polarity (tick) | Maximum measured (Ω) | Disconnection time (ms) | Test button operation (tick) | Manual test button operation (tick) |
| | Main Switch | | F | <u> </u> | 2 0 | | O | ≥ 0. | | | 12 | <u> m v</u> | 20 | | <u> </u> <u> </u> | M O | Ľ | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | - | | | | 2 | | <u> </u> | 20 |
| 30mA | 30mA Rcd Main Switch BS EN 61008 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Smoke Alarms - GF (| 002, 004, FF 001 | А | С | 3 | 1.5 | 1 | 0.4 | 60898 | В | 6 | 10 | 5.82 | | | 30 | | | | | 1.08 | | 500 | | >999 | ~ | 1.48 | 12.1 | ~ | |
| 30mA | Rcd Main Switch E | BS EN 61008 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Rfc Sockets - FF 001 | , 004, 005A | А | С | 7 | 2.5 | 1.5 | 0.4 | 60898 | В | 32 | 10 | 1.10 | | | 30 | | 0.03 | 0.02 | 0.09 | 0.01 | | 500 | | >999 | ~ | 0.55 | 11.9 | ~ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CODE | A S FOR Thermopla | actic Thorn | B noplastic | | Th | C ermopl | aatia | | D Thermopl | aatia | | The | E ermopla | actio | | F | | | G | | | H | 1 | | | (| Oth | ner | | |
| TYP | E OF insulated/she | eathed cal | oles in ic condu | | | cables netallic | in | it | cables metallic tru | in | , | | cables i | | | noplas A cabl | | | rmoset WA cab | | in | Mine sulate | eral d cable | es | | | N/A | ١ | | |
| | | EST INSTRI | JMEI | NTS | | | | | | | | | | - | | | | | | | | | | | | | | | | |
| | DETAILS OF TEST INSTRUMENTS Details of test instruments used (serial and/or asset numbers): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multi-f | unctional: | | 101 | 14790 | 053 | | | - 11 | nsulation | resi | stand | e: | | | | - | | | | | Cor | ntinu | ity: | | | | | | | |
| Earth 6 | electrode resistance | e: | | | | | | E | arth fault | loo | p im | oedar | nce: | | | | | | | | RCI | D: | | | | | | | | |
| | TESTED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nam | e: [| Dave Hui | | | Positi | on: | | | Elect | ricia | an | | | Sigr | nature | : | | | | DAVID | Hu | | | | Date | e: | 28 | 3/04/ | 2023 | } |

CONTINUATION FOR OBSERVATIONS AND RECOMMENDATIONS

| OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN | | | | | | | | | |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------|--|--|--|--|--|--|
| Item No | O | bservations | Classification Code | | | | | | |
| 01-136 | o-00-002-DB1 (MK) | | | | | | | | |
| 1 | Circuit 6 - Smoke Alarm On Landing Not Sec secured | curely Fixed To Ceiling First Floor 001 - Equipment | C2 | | | | | | |
| 2 | Circuit 10 - 1 X Screw Missing From Rhs Of | Twin Socket First Floor Room 005A - Screw installed | C2 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | e following codes, as appropriate, has been allocate for the installation the degree of urgency for re | ated to each of the observations made above to indicate to emedial action: | the person(s) | | | | | | |
| Risk | ger Present of injury. Immediate edial action required C2 Potentially dang Urgent remedial a required | gerous C3 Improvement FI Further invariant required w | estigation ithout delay | | | | | | |
| Immedia | ate remedial action required for items: | N/A | | | | | | | |
| Urgent r | emedial action required for items: | 1, 2 | | | | | | | |
| Improve | ment recommended for items: | N/A | | | | | | | |
| Further i | nvestigation required for items: | N/A | | | | | | | |

ELECTRICAL INSTALLATION CERTIFICATE GUIDANCE FOR RECIPIENTS

(to be appended to the Certificate)

This safety Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed and inspected and tested in accordance with BS 7671.

You should have received an 'original' Certificate and the person that issued the certificate should have retained a duplicate. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the owner.

The 'original' Certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the electrical installation complied with the requirements of BS 7671 at the time the Certificate was issued. The Construction (Design and Management) Regulations require that for a project covered by those Regulations, a copy of this Certificate, together with schedules is included in the project health and safety documentation.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a skilled person or persons, competent in such work. The maximum time interval recommended before the next inspection is stated on Page 1 under 'NEXT INSPECTION'.

This Certificate is intended to be issued only for a new electrical installation or for new work associated with an alteration or addition to an existing installation. It should not have been issued for a periodic inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such an inspection.

This certificate is only valid if accompanied by the Schedule(s) of Inspections and the Schedule(s) of Test Results.

Where the installation includes a residual current device (RCD) it should be tested six-monthly by pressing the button marked 'T' or Test. The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice. For safety reasons it is important that this instruction is followed.

Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions shall be followed with respect to test button operation.

Where the installation includes a surge protective device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with manufacturer's information. If the indication shows that the device is not operational, seek expert advice. For safety reasons it is important that this instruction is followed.

Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.