

ELECTRICAL INSTALLATION CONDITION REPORT

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FHC0617 - Master



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|--|--|--|--|
| A. Details of the Client/Person Ordering the Report Client: Leeds Federated Housing Association Ltd Address: Arthington House 30 Westfield Road Leeds West Yorkshire LS3 1DE | | B. Reason for Producing this Report Purpose of this report: Client request Date(s) on which Inspection: and testing was carried out: 15/02/2013 | |
| C. Details of the Installation which is the Subject of this Report Installation: 12 Blandford Grove Occupier: Leeds Federated Housing Association Ltd Address: 12 Blandford Grove Leeds West Yorkshire LS2 9AN Record of Installation available: <input checked="" type="checkbox"/> Records held By: client | | Description of premises: Domestic <input checked="" type="checkbox"/> Commercial N/A Industrial N/A Other: N/A Estimated age of wiring system: 25 yrs Evidence of alterations or additions: <input checked="" type="checkbox"/> If yes estimated Age 3 yrs Date of previous inspection: 03/04/2012 | |
| D. Extent and Limitations Inspection and Testing Extent of Electrical Installation covered by this report: Wholoe installation Operational Limitations including the reasons (See page No N/A) None | | Agreed limitations including the reasons (See regulation 634.2) none Agreed with name: ANDREW DODD | |
| This inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS7671:2008 (IET Wiring Regulations) as amended to July 2011 It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have NOT been inspected unless specifically agreed between the client and inspector prior to the inspection. | | | |
| E. Summary of the Condition of the Installation FAIR CONDITION Overall assessment of the installation: Satisfactory | | General condition of the installations (In terms of electrical safety) *An unsatisfactory assessment indicates that dangerous (code C1) and/or potentially dangerous (code C2) conditions have been identified. | |
| F. Recommendations Where the overall assessment of the suitability of the installation for continued use above is stated as SATISFACTORY, I recommend that any observations classified as 'Danger present' (code C1) or 'Potentially dangerous (code C2) are acted upon as a matter of urgency Investigation without delay is recommended for observations identified as 'further investigation required' Observation classified as 'Improvement recommended' (code C3) should be given due consideration. Subject to the necessary remedial action being taken I recommend that the installation is further inspected and tested by 17/02/2018 | | | |
| G. Declaration Trading Title and address: Firehawk Ltd., Unit 6-14, Peel Street, Failsworth, Manchester, M35 0UF | | NICEIC Enrolment Number: 24513 I, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by My signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section D of this report. | |
| Inspected and tested by: Name: Paul Webber Position: Inspector Signature: [Signature] Date: 17/2/13 | | Report authorised for issue by: Name: M.Gancarz Position: Qualifying Manager Signature: [Signature] Date: 20/03/2013 | |
| H. Schedule(s) The attached schedule(s) are part of this document and this report is valid only when they are attached to it. 0 Schedule(s) of inspection and 1 Schedule(s) of test results are attached | | | |

| I. Supply Characteristics and Earthing Arrangements | | | | Nature of Supply Parameters | | Supply protective device | | |
|---|-------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-----|--|----------------|---------------|
| Earthing Arrangements | | Number and Type of Live Conductors | | | | | | |
| TN-S | N/A | a.c. | <input checked="" type="checkbox"/> | d.c. | N/A | Nominal Voltage | $U^{(1)}$ | N/A V |
| TN-C-S | <input checked="" type="checkbox"/> | 1-Phase (2 wire) | <input checked="" type="checkbox"/> | 1-Phase (3 wire) | N/A | Nominal Voltage | $U_0^{(1)}$ | 230 V |
| TN-C | N/A | 2-Phase (3 wire) | N/A | 2 Wire | N/A | Nominal frequency | $f^{(1)}$ | 50 Hz |
| TT | N/A | 3-Phase (3 wire) | N/A | 3 Wire | N/A | Prospective fault current | $I_{pf}^{(2)}$ | 1.38 kA |
| IT | N/A | 3-Phase (4 wire) | N/A | Other | N/A | External loop impedance | $Z_e^{(2)}$ | 0.15 Ω |
| | | Other | N/A | | | Number of supplies | | 1 |
| Confirmation of supply polarity | | | | <input checked="" type="checkbox"/> | | (Note: (1) by enquiry, (2) by enquiry or by measurement) | | |
| | | | | | | BS(EN) | 1361 Fuse HBC | |
| | | | | | | Type | 2 | |
| | | | | | | Nominal current rating | 80 | A |
| | | | | | | Short circuit capacity | 33 | kA |

J. Particulars of Installation Referred to in the Report

| Means of earthing | | Details of installation Earth Electrode (where applicable) | |
|------------------------------|-------------------------------------|--|--------------|
| Distributor's facility | <input checked="" type="checkbox"/> | Type (e.g. rod(s), tape etc.) | N/A |
| Installation earth electrode | N/A | Resistance to Earth | N/A Ω |
| | | Location | N/A |
| | | Method of measurement | N/A |

Main Protective Conductors

Tick boxes and enter details as applicable

| | | | | | | | |
|-------------------------------------|-------------------------------------|-----------|-----|-------|-----------------|------------------------------------|--|
| Earthing Conductor | Material | Copper | csa | 16 | mm ² | Connection and Continuity Verified | <input checked="" type="checkbox"/> |
| Main protective bonding conductors | Material | Copper | csa | 10 | mm ² | Connection and Continuity Verified | <input checked="" type="checkbox"/> |
| Bonding of Incoming Service | | | | | | Maximum Demand (Load) | |
| Water | Gas | Lightning | Oil | Steel | Other | Please State | 70 Amps |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | N/A | N/A | N/A | N/A | N/A | Protective measure(s) against electric shock |
| | | | | | | ADS | |

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

| | | | | | | | | |
|----------------------------|---------|-----------------------|----|-------------------------------|-----|---------------------------------------|--|--------|
| Location | Cellar | | | Current rating | 100 | A | if RCD main switch | |
| Type BS(EN) | 60947-3 | No of poles | 2 | Fuse/Device rating or setting | 100 | A | Rated residual operation current, $I_{\Delta n}$ | N/A mA |
| Supply Conductors material | Copper | Supply Conductors csa | 25 | Voltage rating | 230 | V | Rated time delay | N/A ms |
| | | | | | | RCD Operating time at, $I_{\Delta n}$ | N/A | ms |

K. Observations

Referring to the attached schedule(s) of Inspection and Test Results, and subject to the limitations specified at the Extent and Limitations of the Inspection and testing section.

| Item No | Observations | Code | Further Investigation Required |
|---------|---|------|--------------------------------|
| 1 | 1.0 DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT 1.6 Condition of Isolator (where present), Comment: No distributors isolator switch. | C3 | No |
| | | | |
| | | | |

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action.

- C1 - Danger present. Risk of injury. Immediate remedial action required
- C2 - Potentially dangerous - urgent remedial action required
- C3 - Improvement recommended

CONDITION REPORT INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100A SUPPLY

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Note: this form is suitable for many types of smaller installations not exclusively domestic.

| Outcomes | Acceptable condition | ✓ | Unacceptable condition | State C1 or C2 | Improvement recommended | State C3 | Not verified | N/V | Limitation | LIM | Not applicable | N/A | Notes | |
|------------|---|---|------------------------|----------------|-------------------------|----------|--------------|-----|--------------------|-----|----------------|-----|--------------------------------|----------|
| Item No | Description | | | | | | | | Outcome | | | | Further investigation required | Comments |
| 1.0 | DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT | | | | | | | | | | | | | |
| 1.1 | Service cable condition | | | | | | | | ✓ | | | | No | No |
| 1.2 | Condition of Service head | | | | | | | | ✓ | | | | No | No |
| 1.3 | Condition of tails - Distributor | | | | | | | | ✓ | | | | No | No |
| 1.4 | Condition of tails - Consumer | | | | | | | | ✓ | | | | No | No |
| 1.5 | Condition of metering equipment | | | | | | | | C3 (see section K) | | | | No | Yes |
| 1.6 | Condition of Isolator (where present) | | | | | | | | | | | | | |
| 2.0 | PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7) | | | | | | | | N/A | | | | No | No |
| 3.0 | EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54) | | | | | | | | | | | | | |
| 3.1 | Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2) | | | | | | | | ✓ | | | | No | No |
| 3.2 | Presence and condition of earth electrode connection where applicable (542.1.2.3) | | | | | | | | ✓ | | | | No | No |
| 3.3 | Provision of earthing / bonding labels at all appropriate locations (514.13.1) | | | | | | | | ✓ | | | | No | No |
| 3.4 | Confirmation of earthing conductor size (542.3; 543.1.1) | | | | | | | | ✓ | | | | No | No |
| 3.5 | Accessibility and condition of earthing conductor at MET (543.3.2) | | | | | | | | ✓ | | | | No | No |
| 3.6 | Confirmation of main protective bonding conductor sizes (544.1) | | | | | | | | ✓ | | | | No | No |
| 3.7 | Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2) | | | | | | | | ✓ | | | | No | No |
| 3.8 | Accessibility and condition of all protective bonding connections (543.3.2) | | | | | | | | ✓ | | | | No | No |
| 4.0 | CONSUMER UNIT / DISTRIBUTION BOARD | | | | | | | | | | | | | |
| 4.1 | Adequacy of working space / accessibility to consumer unit / distribution board (132.1.2; 513.1) | | | | | | | | ✓ | | | | No | No |
| 4.2 | Security of fixing (134.1.1) | | | | | | | | ✓ | | | | No | No |
| 4.3 | Condition of enclosure(s) in terms of IP rating etc (416.2) | | | | | | | | ✓ | | | | No | No |
| 4.4 | Condition of enclosure(s) in terms of fire rating etc (526.5) | | | | | | | | ✓ | | | | No | No |
| 4.5 | Enclosure not damaged/deteriorated so as to impair safety (621.2 (iii)) | | | | | | | | ✓ | | | | No | No |
| 4.6 | Presence of linked main switch (as required by 537.1.4) | | | | | | | | ✓ | | | | No | No |
| 4.7 | Operation of main switch (functional check) (612.13.2) | | | | | | | | ✓ | | | | No | No |
| 4.8 | Manual operation of circuit-breakers and RCDs to prove disconnection (612.13.2) | | | | | | | | ✓ | | | | No | No |
| 4.9 | Correct identification of circuit details and protective devices (514.8.1; 514.9.1) | | | | | | | | ✓ | | | | No | No |
| 4.10 | Presence of RCD quarterly test notice at or near consumer unit / distribution board (514.12.2) | | | | | | | | ✓ | | | | No | No |
| 4.11 | Presence of non-standard (mixed) cable colour warning notice at or near consumer unit / distribution board (514.14) | | | | | | | | ✓ | | | | No | No |
| 4.12 | Presence of alternative supply warning notice at or near consumer unit / distribution board (514.15) | | | | | | | | N/A | | | | No | No |
| 4.13 | Presence of other required labelling (Please specify) (Section 514) | | | | | | | | N/A | | | | No | No |
| 4.14 | Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing and overheating (421.1.3) | | | | | | | | ✓ | | | | No | No |
| 4.15 | Single-pole protective devices in line conductor only (132.14.1; 530.3.2) | | | | | | | | ✓ | | | | No | No |
| 4.16 | Protection against mechanical damage where cables enter consumer unit / distribution board (522.8.1; 522.8.11) | | | | | | | | ✓ | | | | No | No |
| 4.17 | Protection against electromagnetic effects where cables enter consumer unit / distribution board / enclosures (521.5.1) | | | | | | | | ✓ | | | | No | No |
| 4.18 | RCD(s) provided for fault protection – includes RCBOs (411.4.9; 411.5.2; 531.2) | | | | | | | | ✓ | | | | No | No |
| 4.19 | RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1) | | | | | | | | ✓ | | | | No | No |
| 5.0 | FINAL CIRCUITS | | | | | | | | | | | | | |
| 5.1 | Identification of conductors (514.3.1) | | | | | | | | ✓ | | | | No | No |
| 5.2 | Cables correctly supported throughout their run (522.8.5) | | | | | | | | ✓ | | | | No | No |
| 5.3 | Condition of insulation of live parts (416.1) | | | | | | | | ✓ | | | | No | No |

CONDITION REPORT INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100A SUPPLY CONTINUED

FHC0617 - Master

Note: this form is suitable for many types of smaller installations not exclusively domestic.

| Outcomes | Acceptable condition | ✓ | Unacceptable condition | State C1 or C2 | Improvement recommended | State C3 | Not verified | N/V | Limitation | LIM | Not applicable | N/A | Notes | |
|------------|---|---|------------------------|----------------|-------------------------|----------|--------------|-----|---------------------|-----|----------------|-----|--------------------------------|----------|
| Item No | Description | | | | | | Outcome | | | | | | Further investigation required | Comments |
| 5.0 | FINAL CIRCUITS (Continued) | | | | | | | | | | | | | |
| 5.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) | | | | | | ✓ | | | | | | No | No |
| 5.4.1 | To include the integrity of conduit and trunking systems (metallic and plastic) | | | | | | ✓ | | | | | | No | No |
| 5.5 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (523) | | | | | | ✓ | | | | | | No | No |
| 5.6 | Co-ordination between conductors and overload protective devices (433.1; 533.2.1) | | | | | | ✓ | | | | | | No | No |
| 5.7 | Adequacy of protective devices; type and rated current for fault protection (411.3) | | | | | | ✓ | | | | | | No | No |
| 5.8 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | | | | | | ✓ | | | | | | No | No |
| 5.9 | Wiring system(s) appropriate for the type and nature of the installation and external influences (522) | | | | | | ✓ | | | | | | No | No |
| 5.10 | Concealed cables installed in prescribed zones (see section D. extent and limitations) (522.6.101) | | | | | | N/V | | | | | | No | No |
| 5.11 | Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see section D. extent and limitations) (522.6.101; 522.6.103) | | | | | | ✓ | | | | | | No | No |
| 5.12 | Provision of additional protection by RCD not exceeding 30mA | | | | | | | | | | | | No | No |
| 5.12.1 | - for all socket-outlets of rating 20 A or less provided for use by ordinary persons unless exempt - (411.3.3) | | | | | | ✓ | | | | | | No | No |
| 5.12.2 | - for supply to mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) | | | | | | ✓ | | | | | | No | No |
| 5.12.3 | - for cables concealed in walls or partitions (522.6.102; 522.6.103) | | | | | | ✓ | | | | | | No | No |
| 5.13 | Provision of fire barriers, sealing arrangements and protection against thermal effects (527) | | | | | | ✓ | | | | | | No | No |
| 5.14 | Band II Cables segregated / separated from Band I cables (528.1) | | | | | | ✓ | | | | | | No | No |
| 5.15 | Cables segregated / separated from communications cabling (528.2) | | | | | | ✓ | | | | | | No | No |
| 5.16 | Cables segregated / separated from non-electrical services (528.3) | | | | | | ✓ | | | | | | No | No |
| 5.17 | Termination of cables at enclosures - indicate extent of sampling in Section D of the report (526) | | | | | | | | | | | | | |
| 5.17.1 | - Connections soundly made and under no undue strain (526.6) | | | | | | ✓ | | | | | | No | No |
| 5.17.2 | - No basic insulation of a conductor visible outside enclosure (526.8) | | | | | | ✓ | | | | | | No | No |
| 5.17.3 | - Connections of live conductors adequately enclosed (526.5) | | | | | | ✓ | | | | | | No | No |
| 5.17.4 | - Adequately connected at point of entry to enclosure (glands, bushes etc...) (522.8.5) | | | | | | ✓ | | | | | | No | No |
| 5.18 | Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) | | | | | | ✓ | | | | | | No | No |
| 5.19 | Suitability of accessories for external influences (512.2) | | | | | | ✓ | | | | | | No | No |
| 6.0 | LOCATION(S) CONTAINING A BATH OR SHOWER | | | | | | | | | | | | | |
| 6.1 | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3) | | | | | | ✓ | | | | | | No | No |
| 6.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | | | | | | ✓ | | | | | | No | No |
| 6.3 | Shaver sockets comply with BS EN 61558-2-5 formally BS 3535 (701.512.3) | | | | | | N/A | | | | | | No | No |
| 6.4 | Presence of supplementary bonding conductors, unless not required by BS 7671: 2008 (701.415.2) | | | | | | N/A | | | | | | No | No |
| 6.5 | Low Voltage (e.g.230 volts) socket outlets at least 3m from Zone 1 (701.512.3) | | | | | | ✓ | | | | | | No | No |
| 6.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | | | | | | ✓ | | | | | | No | No |
| 6.7 | Suitability of equipment for installation in a particular zone (701.512.3) | | | | | | ✓ | | | | | | No | No |
| 6.8 | Suitability of current-using equipment for particular position within the location (701.55) | | | | | | ✓ | | | | | | No | No |
| 7.0 | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS | | | | | | | | | | | | | |
| 7.1 | List all other special installations or locations present, if any. (Record separately the results of particular inspections applied). | | | | | | | | Number of locations | 0 | | No | No | |

Inspected By

Name: Paul Webber

Date: N/A

Signature:



CONDITION REPORT GUIDANCE NOTES FOR RECIPIENTS

This report is an important and valuable document which should be retained for future reference.

1. The purpose of this Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section E). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see Section K).
2. The person ordering the Report should have received the original Report and the inspector should have retained a duplicate.
3. The original Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner /occupier with details of the condition of the electrical installation at the time the Report was issued.
4. Where the installation incorporates residual current devices (RCD) there should be a notice at or near the device stating that it should be tested quarterly. For safety reasons it is important that this instruction is followed.
5. Section D (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.
6. Some operational limitations such as such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section D.
7. For items classified in Section K as C1 ("Danger Present"), the safety of those using the installation is at risk, and it is recommended that a competent person undertakes the necessary remedial work immediately.
8. For items classified in Section K as C2 ("Potentially Dangerous"), the safety of those using the installation may be at risk and it is recommended that a competent person undertakes the necessary remedial work as a matter of urgency.
9. Where it has been stated in Section K that an observation requires further investigation the inspection has revealed an apparent deficiency which could not, due to the extent or limitations of this inspection, be fully identified. Such observations should be investigated as soon as possible. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section F).
10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a competent person. The recommended date by which the next inspection is due is stated in Section F of the Report under 'Recommendations' and on a label at or near to the consumer unit / distribution board.

ELECTRICAL INSTALLATION PERIODIC INSPECTION REPORT

1010P

ELECSA
REGISTRATION
NUMBER

21917

CERTIFICATE
NUMBER

27113

A. DETAILS OF THE CLIENT

Client's Name and Address

Leeds Federation

B. PARTICULARS OF THE CONTRACTOR

R.I.B ELECTRICAL LTD
1 VICTORIA COURT
UPTON, PONTEFRACT
WF9 1HE
07977 182 480
rbelectrical@live.co.uk

DESCRIPTION OF PREMISES

DOMESTIC

COMMERCIAL

INDUSTRIAL

C. ADDRESS AND DETAILS OF THE INSTALLATION

Installation Address

13. Blandford Grove
Leeds

Estimated age of the electrical installation years

Evidence of alterations or additions Estimated age years

Date of previous inspection if known

Electrical Installation Certificate Number or previous Periodic Inspection Report number

Records of installation available

Records held by

D. PURPOSE OF THE REPORT

void property

E. EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report

All circuits

Agreed limitations, if any, of the inspection and testing

none

This inspection has been carried out in accordance with BS7671:2008 amended to (date in) places and generally within the fabric of the building or underground have not been inspected.

) Cables concealed within trunking and conduits, or cables and conduits concealed under floors.

F. SUMMARY OF THE INSPECTION

General condition of the installation (continue with additional pages, which must be marked with Domestic Periodic Inspection Report serial number and page numbers)

Satisfactory

G. DECLARATION

I, being the person responsible (as indicated by my signature below) for this report, particulars of which are set out above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations, provides an accurate assessment of the condition of the electrical installation, taking into account the stated extent of the installation and the limitation of the inspection and testing.

I further declare that the installation was in overall

Satisfactory/Unsatisfactory

condition at the time of the inspection and that it should be further inspected as recommended

For the INSPECTION, TESTING AND ASSESSMENT

Signature

Date

Name (CAPITALS)

Position

ELECTRICAL INSTALLATION PERIODIC INSPECTION REPORT



ELECSA REGISTRATION NUMBER
21917

CERTIFICATE NUMBER
27113

K. SCHEDULE OF ITEMS INSPECTED

Methods of protection against electric shock

- SELV
- Insulation of live parts and Barriers or Enclosures
- Presence of RCD for additional protection
- Presence of earthing conductor and circuit protective conductors
- Presence of protective bonding conductors
- Use of Class II equipment or equivalent insulation
- Presence of supplementary bonding conductors if required

Notes
 ✓ to indicate that an inspection has been carried out and the result is satisfactory
 ✗ to indicate that an inspection has been carried out and the result was unsatisfactory
 N/A to that the inspection is not applicable
 LIM to indicate that, exceptionally, a limitation agreed with the person ordering the work prevented the inspection or test being carried out

Prevention of mutual detrimental influences

- Proximity of non-electrical services and other influences
- Segregation of hand I and hand II circuits or band II insulation used

Identification

- Presence of Diagrams, instructions, circuit charts and similar information
- Presence of danger notices and other warning notices
- Labelling of protective devices switches and terminals
- Identification of conductors

Cables and conductors

- Routing of cables in prescribed zones or with mechanical protection
- Connection of conductors
- Erection methods
- Selection of conductors for current-carrying capacity and voltage drop
- Presence of fire barriers, suitable seals and protection against thermal effects

Cables and conductors continued

- Additional protection provided by 30mA RCD for cables in concealed walls (where required in premises not under the supervision of a skilled or instructed person)
 - Cables incorporating earthed armour or sheath, or run with an earthed wiring system, or otherwise adequately protected against nails, screws and the like
- General**
- Presence and correct location of appropriate devices for isolation and switching
 - Adequacy of access to switchgear and other equipment
 - Particular protective measures for special installations and locations
 - Connection of single-pole devices for protection or switching in line conductors only
 - Correct connection of accessories and equipment
 - Choice and setting of protective and monitoring devices for protection against fault and/or overcurrent
 - Selection of equipment and protective measures appropriate to external influences
 - Selection of appropriate functional switching devices

L. ADDITIONAL SCHEDULE OF ITEMS INSPECTED (WHERE APPLICABLE)

- Limitation of discharge of energy
- Obstacles
- Placing out of reach
- PELV
- Presence of earthing arrangements for combined protective and functional purposes
- Presence of adequate arrangements for alternative source(s), where applicable
- Non conducting location: absence of protective conductors
- Earth-free equipotential bonding: presence of earth-free equipotential bonding conductors
- Electrical separation
- Segregation of safety circuits
- Presence of undervoltage protective devices

Location of consumer unit(s)..... N.A. Designation of consumer unit(s)..... N.A. Prospective fault current at consumer unit(s)..... 2.36 kA

INSTALLED CIRCUIT DETAILS

| Circuit No. | Circuit designation (for Distribution Circuits, insert "D") | Number of Points Served | Circuit conductors: | | Overcurrent protective devices | | | RCD Operating current I _{Δn} mA | Maximum Z _s permitted by BS 7671 (optional) Ω | CIRCUIT IMPEDANCES (Ω) | | | Insulation resistance | | Maximum measured earth fault loop impedance Z _s Ω | RCD operating times | |
|-------------|---|-------------------------|----------------------|---------------------|--------------------------------|----------|--------|--|--|---------------------------|--|----------|-----------------------|--------|--|--|--------------|
| | | | Live mm ² | cpc mm ² | BS EN | Type No. | Rating | | | Short Circuit Capacity kA | Ring final circuits only (measured end to end) | r1 Phase | Neutral | r2 DPC | | All circuits (at least one column to be completed) | Live/Live MΩ |
| 1 | Fire Alarm | 1 | 2.5 | 1.5 | 60898 | B | 6 | 6 | 6.13 | 0.32 | | | 200 | 200 | 0.42 | 30 | 17 |
| 2 | Lights down | 10 | 1.5 | 1.0 | " | B | 6 | 6 | 6.13 | 0.61 | | | " | " | 0.71 | 30 | 17 |
| 3 | Lights up | 8 | 1.5 | 1.0 | " | B | 6 | 6 | 6.13 | 0.84 | | | " | " | 0.94 | 30 | 17 |
| 4 | Bell | 1 | 1.5 | 1.0 | " | B | 6 | 6 | 6.13 | 0.01 | | | " | " | 0.11 | 30 | 17 |
| 1 | cooker | 2 | 6.0 | 2.5 | " | B | 32 | 6 | 1.15 | 0.23 | | | " | " | 0.33 | 24 | 9 |
| 2 | Shower | 2 | 6.0 | 2.5 | " | B | 32 | 6 | 1.15 | 0.28 | | | " | " | 0.38 | 24 | 9 |
| 3 | sockets down | 7 | 2.5 | 1.5 | " | B | 32 | 6 | 1.15 | 0.27 | 0.27 | 0.42 | 0.22 | 0.22 | 0.32 | 24 | 9 |
| 4 | sockets up. | 9 | 2.5 | 1.5 | " | B | 32 | 6 | 1.15 | 0.34 | 0.34 | 0.60 | 0.25 | 0.25 | 0.35 | 24 | 9 |

TEST INSTRUMENTS USED

Serial or Other Reference Number - Insulation Resistance 14090944 Continuity 14090944 RCD 14090944 Loop Impedance 14090944 Earth Electrode Resistance 14090944

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with British Standard BS 7671 - Requirements for Electrical Installations

Certificate Reference: FW-17-362

| | | | |
|---|--|--|--|
| 1 DETAILS OF THE CLIENT | 2 ADDRESS AND DETAILS OF THE INSTALLATION | | |
| Client: Leeds Federated Housing Association | Installation: 4 BED TERRACE (STUDENT ACCOM) | Estimated age of electrical installation: 30 years | |
| Address: Arthington House 30 Westfield Road Leeds | Address: 17 BLANDFORD GROVE LEEDS WEST YORKSHIRE | Evidence of alterations or additions: YES if yes, estimated age: 5 years | |
| Postcode: LS3 1DE | Postcode: LS2 9AN | Date of previous inspection: N/A Installation Cert number: N/A | |
| | | Records of installation available: N/A Records held by: N/A | |

| |
|--|
| 3 PURPOSE OF THE REPORT |
| Purpose for which this report is required: To assess compliance with BS 7671 and to establish the safety of the Installation - New Tenancy |

| | | | |
|---|---|--|---|
| 4 EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING | | | |
| Extent of the electrical installation covered by this report: | All Fixed Wiring With the exception of the agreed limitations | Agreed and operational limitations of the inspection and testing (include reasons and person agreed with): | See "KPS Limitations Document "Agreed with Client." |

The inspection and testing detailed in this report and accompanying schedules has been carried out in accordance with BS 7671:2008 (IET Wiring Regulations), as amended to 2015. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

| | | | |
|--|--|---|--|
| 5 DECLARATION | | | |
| I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see section 3), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see section 8) and the attached schedules (see section 16), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see section 4). | | | |
| For the INSPECTION, TESTING AND ASSESSMENT of the report: | | | |
| Name: Mark Asquith | Position: Engineer | Signature: | Date: 11/07/2017 |

| | |
|--|--|
| 6 DETAILS OF THE ELECTRICAL CONTRACTOR | 7 SUMMARY OF THE CONDITION OF THE INSTALLATION |
| Trading Title: FIREWIRE ELECTRICAL | See page 3 for a summary of the general condition of the installation in terms of electrical safety. Overall assessment of the installation in terms of it's suitability for continued use*: <div style="text-align: center; border: 2px solid black; padding: 5px; margin: 10px 0;">SATISFACTORY</div> |
| Address: 259 KINGSWAY OSSETT WEST YORKSHIRE | |
| Postcode: WF5 8EH | |
| Registration Number: 25992 Telephone Number: 07778621130 | |

* An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.

8 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached Schedule(s) of Inspections and Test Results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

N/A There are no items adversely affecting electrical safety or The following observations and recommendations are made

| Item No | Observations | Classification Code |
|---------|--|---------------------|
| 1 | Inspection Schedule Item 4.4: Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5) is recommended for improvement.- CCU NOT FIRE RATED | C3 |
| 2 | Inspection Schedule Item 5.1: Identification of conductors (514.3.1) is recommended for improvement.- SOME SWITCH WIRES NOT SLEEVED CORRECTLY ON LIGHTING CIRCUIT | C3 |
| 3 | Inspection Schedule Item 5.17.2: No basic insulation of a conductor visible outside enclosure (526.8) is recommended for improvement.-BASIC INSULATION EXPOSED ABOVE LIGHTING POINTS | C3 |
| 4 | Inspection Schedule Item 5.18: Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) is recommended for improvement.- SEVERAL LOOSE ACCESSORIES THROUGHOUT, RECTIFIED ON SITE. | C3 |
| 5 | Inspection Schedule Item 4.5: Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) is recommended for improvement.- FRONT TO CCU HAS LIGHT DAMAGED. | C3 |
| 6 | Inspection Schedule Item 5.18: Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) is in a potentially dangerous condition. Urgent remedial action is required.- SMOKE DETECTOR TO BEDROOM 2 NON OPERATIONAL- RENEWED ON SITE. | C2 |
| 7 | Inspection Schedule Item 5.17.1: Connections soundly made and under no undue strain (526.6) is recommended for improvement.- CPCS NOT TERMINATED CORRECTLY AT FANS | C3 |
| 8 | Inspection Schedule Item 5.6: Coordination between conductors and overload protective devices (433.1; 533.2.1) is recommended for improvement.- UPSTAIRS & DOWNSTAIR LIGHTING DOUBLED UP ONTO 1 MCB | C3 |

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

C1 Danger Present - Risk of injury. Immediate remedial action required
 C2 Potentially dangerous - Urgent remedial action required
 C3 Improvement recommended
 FI Further investigation required without delay

| | | | |
|---|-----|---|---------------------|
| Immediate remedial action required for items: | N/A | Improvement recommended for items: | 1, 2, 3, 4, 5, 7, 8 |
| Urgent remedial action required for items: | 6 | Further investigation required for items: | N/A |

9 RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.

Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'.

Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

General condition of the installation in terms of electrical safety:

GOOD CONDITION

10 NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

5 Years or change of tenant/owner (Enter interval in terms of years, months or weeks, as appropriate)

provided that any items in section 8 which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see section 8).

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| Earthing Arrangements | | Number and Type of Live Conductors | | Nature of Supply Parameters | | Supply Protective Device | | | | | |
|-----------------------|-------------------------------------|------------------------------------|-------------------------------------|-----------------------------|---------------------------------|--------------------------|----------|--|--------|-------------------------|--------|
| TN-S | N/A | 1-phase (2 wire): | <input checked="" type="checkbox"/> | 1-phase (3 wire): | N/A | Nominal voltage(s): | U: N/A V | Nominal frequency, f: | 50 Hz | BS(EN): | LIM |
| TN-C-S | <input checked="" type="checkbox"/> | 3-phase (3 wire): | N/A | 3-phase (4 wire): | N/A | Uo: | 230 V | External earth fault loop impedance, Ze: | 0.09 Ω | Type: | LIM |
| TT | N/A | Other: | N/A | | Prospective fault current, Ipf: | | 2.6 kA | | | Rated current: | LIM A |
| | | Confirmation of supply polarity: | | | | | | | | Short-circuit capacity: | LIM kA |

12 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

| Means of Earthing | | Details of Installation Earth Electrode (where applicable) | | | | Protective measure(s) against electric shock: | | | | | | |
|---|-------------------------------------|--|-------|------------------|--------------------------------|---|---------------------------------|-------------------------------------|-----------------------------------|---|----------------------------|-------------------------------------|
| Distributor's facility: | <input checked="" type="checkbox"/> | Type: | N/A | | Location: | N/A | | | | | | |
| Installation earth electrode: | N/A | Resistance to Earth: | N/A Ω | | Method of measurement: | N/A | | | | | | |
| Main Switch / Switch-Fuse / Circuit-Breaker / RCD | | Type BS(EN): | | 60947-3 Isolator | Current rating: | 100 A | Supply conductors material: | Copper | If RCD main switch: | Rated residual operating current (IΔn): | N/A mA | |
| | | Number of poles: | | 2 | Fuse/device rating or setting: | N/A A | Supply conductors csa: | 25 mm ² | Rated time delay: | N/A ms | | |
| | | Voltage rating: | | 240 V | | | | | Measured operating time (at IΔn): | N/A ms | | |
| Earthing and Protective Bonding Conductors | | | | | | Bonding of extraneous-conductive parts | | | | | | |
| Earthing conductor | | Conductor material: | | Copper | csa: | 16 mm ² | Connection/continuity verified: | <input checked="" type="checkbox"/> | To water installation pipes: | <input checked="" type="checkbox"/> | To gas installation pipes: | <input checked="" type="checkbox"/> |
| Main protective bonding conductors | | Conductor material: | | Copper | csa: | 10 mm ² | Connection/continuity verified: | <input checked="" type="checkbox"/> | To oil installation pipes: | N/A | To lightning protection: | N/A |
| | | | | | | | | | To structural steel: | N/A | To other service(s): | N/A |

1.3 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

| Item | Description | Comment | Outcome | | | | | | | | | | | |
|----------|---|---------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| 1.0 | DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT | | | | | | | | | | | | | |
| 1.1 | Condition of service cable | N/A | ✓ | | | | | | | | | | | |
| 1.2 | Condition of service head | N/A | ✓ | | | | | | | | | | | |
| 1.3 | Condition of distributor's earthing arrangement | N/A | ✓ | | | | | | | | | | | |
| 1.4 | Condition of tails - Distributor/Consumer | N/A | ✓ | | | | | | | | | | | |
| 1.5 | Condition of metering equipment | N/A | ✓ | | | | | | | | | | | |
| 1.6 | Condition of isolator (where present) | N/A | ✓ | | | | | | | | | | | |
| 2.0 | PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES (551.6; 551.7) | | N/A | | | | | | | | | | | |
| 3.0 | EARTHING / BONDING ARRANGEMENTS (411.3; Chapter 54) | | | | | | | | | | | | | |
| 3.1 | Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2) | N/A | ✓ | | | | | | | | | | | |
| 3.2 | Presence and condition of earth electrode connection where applicable (542.1.2.3) | N/A | N/A | | | | | | | | | | | |
| 3.3 | Provision of earthing/bonding labels at all appropriate locations (514.13.1) | N/A | ✓ | | | | | | | | | | | |
| 3.4 | Confirmation of earthing conductor size (542.3; 543.1.1) | N/A | ✓ | | | | | | | | | | | |
| 3.5 | Accessibility and condition of earthing conductor at MET (543.3.2) | N/A | ✓ | | | | | | | | | | | |
| 3.6 | Confirmation of main protective bonding conductor sizes (544.1) | N/A | ✓ | | | | | | | | | | | |
| 3.7 | Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2) | N/A | ✓ | | | | | | | | | | | |
| 3.8 | Accessibility and condition of other protective bonding connections (543.3.2) | N/A | ✓ | | | | | | | | | | | |
| 4.0 | CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) | | | | | | | | | | | | | |
| 4.1 | Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1) | N/A | ✓ | | | | | | | | | | | |
| 4.2 | Security of fixing (134.1.1) | N/A | ✓ | | | | | | | | | | | |
| 4.3 | Condition of enclosure(s) in terms of IP rating etc (416.2) | N/A | ✓ | | | | | | | | | | | |
| 4.4 | Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5) | ITEM 1 | C3 | | | | | | | | | | | |
| 4.5 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | ITEM 5 | C3 | | | | | | | | | | | |
| 4.6 | Presence of main linked switch (as required by 537.1.4) | N/A | ✓ | | | | | | | | | | | |
| 4.7 | Operation of main switch (functional check) (612.13.2) | N/A | ✓ | | | | | | | | | | | |
| 4.8 | Manual operation of circuit-breakers and RCD's to prove disconnection (612.13.2) | N/A | ✓ | | | | | | | | | | | |
| 4.9 | Correct identification of circuit details and protective devices (514.8.1; 514.9.1) | N/A | ✓ | | | | | | | | | | | |
| 4.10 | Presence of RCD quarterly test notice at or near consumer unit/distribution board (514.12.2) | N/A | ✓ | | | | | | | | | | | |
| 4.11 | Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14) | N/A | ✓ | | | | | | | | | | | |
| 4.12 | Presence of alternative supply warning at or near consumer unit/distribution board (514.15) | N/A | N/A | | | | | | | | | | | |
| 4.13 | Presence of other required labelling (please specify) (Section 514) | ITEM 9 | C3 | | | | | | | | | | | |
| 4.14 | Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3) | N/A | ✓ | | | | | | | | | | | |
| 4.15 | Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.2) | N/A | ✓ | | | | | | | | | | | |
| 4.16 | Protection against mechanical damage where cables enter consumer unit/distribution board (522.8.1; 522.8.11) | N/A | N/A | | | | | | | | | | | |
| 4.17 | Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1) | N/A | N/A | | | | | | | | | | | |
| 4.18 | RCD(s) provided for fault protection - includes RCBOs (411.4.9; 411.5.2; 531.2) | N/A | N/A | | | | | | | | | | | |
| OUTCOMES | Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

1.4 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

| Item | Description | Comment | Outcome | | | | | | | | | | | |
|----------|--|-----------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| 4.19 | RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1) | N/A | ✓ | | | | | | | | | | | |
| 4.20 | Confirmation of indication that SPD is functional (534.2.8) | N/A | N/A | | | | | | | | | | | |
| 4.21 | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) | N/A | ✓ | | | | | | | | | | | |
| 4.22 | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) | N/A | N/A | | | | | | | | | | | |
| 4.23 | Adequate arrangements where a generating set operates in parallel with the public supply (551.7) | N/A | N/A | | | | | | | | | | | |
| 5.0 | FINAL CIRCUITS | | | | | | | | | | | | | |
| 5.1 | Identification of conductors (514.3.1) | ITEM 2 | C3 | | | | | | | | | | | |
| 5.2 | Cables correctly supported throughout their run (522.8.5) | N/A | ✓ | | | | | | | | | | | |
| 5.3 | Condition of insulation of live parts (416.1) | N/A | ✓ | | | | | | | | | | | |
| 5.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) (to include the integrity of conduit and trunking systems in metallic and plastic) | N/A | N/A | | | | | | | | | | | |
| 5.5 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | N/A | ✓ | | | | | | | | | | | |
| 5.6 | Coordination between conductors and overload protective devices (433.1; 533.2.1) | item 8 | C3 | | | | | | | | | | | |
| 5.7 | Adequacy of protective devices: type and rated current for fault protection (411.3) | N/A | ✓ | | | | | | | | | | | |
| 5.8 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | N/A | ✓ | | | | | | | | | | | |
| 5.9 | Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) | N/A | ✓ | | | | | | | | | | | |
| 5.10 | Concealed cables installed in prescribed zones (see Extent and Limitations) (522.6.202) | N/A | LIM | | | | | | | | | | | |
| 5.11 | Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Extent and Limitations) (522.6.204) | N/A | LIM | | | | | | | | | | | |
| 5.12 | Provision of additional protection by RCD not exceeding 30mA: | | | | | | | | | | | | | |
| 5.12.1 | For all socket-outlets of rating 20A or less, unless an exception is permitted (411.3.3) | N/A | ✓ | | | | | | | | | | | |
| 5.12.2 | For supply to mobile equipment not exceeding 32A rating for use outdoors (411.3.3) | N/A | N/A | | | | | | | | | | | |
| 5.12.3 | For cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203) | N/A | ✓ | | | | | | | | | | | |
| 5.12.4 | For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) | N/A | N/A | | | | | | | | | | | |
| 5.13 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | N/A | ✓ | | | | | | | | | | | |
| 5.14 | Band II cables segregated/separated from Band I cables (528.1) | N/A | ✓ | | | | | | | | | | | |
| 5.15 | Cables segregated/separated from communications cabling (528.2) | N/A | ✓ | | | | | | | | | | | |
| 5.16 | Cables segregated/separated from non-electrical services (528.3) | N/A | ✓ | | | | | | | | | | | |
| 5.17 | Termination of cables at enclosures - indicate extent of sampling in Extent and Limitations of the report (Section 526) | | | | | | | | | | | | | |
| 5.17.1 | Connections soundly made and under no undue strain (526.6) | ITEM 7 | C3 | | | | | | | | | | | |
| 5.17.2 | No basic insulation of a conductor visible outside enclosure (526.8) | ITEM 3 | C3 | | | | | | | | | | | |
| 5.17.3 | Connections of live conductors adequately enclosed (526.5) | N/A | ✓ | | | | | | | | | | | |
| 5.17.4 | Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) | n/a | ✓ | | | | | | | | | | | |
| 5.18 | Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) | ITEM 4, 6 | C2 | | | | | | | | | | | |
| 5.19 | Suitability of accessories for external influences (512.2) | N/A | ✓ | | | | | | | | | | | |
| 5.20 | Adequacy of working space/accessibility to equipment (132.12; 513.1) | N/A | ✓ | | | | | | | | | | | |
| 5.21 | Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.2) | N/A | ✓ | | | | | | | | | | | |
| OUTCOMES | Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

15 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

| Item | Description | Comment | Outcome | | | | | | | | | | | |
|----------|---|---------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| 6.0 | ISOLATION AND SWITCHING (ISOLATION, SWITCHING OFF FOR MECHANICAL MAINTENANCE, EMERGENCY STOPPING AND FUNCTIONAL SWITCHING) | | | | | | | | | | | | | |
| 6.1 | In General | | | | | | | | | | | | | |
| 6.1.1 | Presence and condition of appropriate devices (537.2.2) | N/A | ✓ | | | | | | | | | | | |
| 6.1.2 | Correct operation verified (612.13.2) | N/A | ✓ | | | | | | | | | | | |
| 6.2 | For isolation and switching for mechanical maintenance only | | | | | | | | | | | | | |
| 6.2.1 | Capable of being secured in the OFF position where appropriate (537.2.1.2) | N/A | ✓ | | | | | | | | | | | |
| 6.2.2 | Acceptable location - state if local or remote from equipment being controlled where appropriate (537.2.1.5) | N/A | ✓ | | | | | | | | | | | |
| 6.2.3 | Clearly identified by position and/or durable marking(s) (537.2.2.6) | N/A | ✓ | | | | | | | | | | | |
| 6.3 | For isolation only | | | | | | | | | | | | | |
| 6.3.1 | Warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.2.1.3) | N/A | N/A | | | | | | | | | | | |
| 6.4 | For emergency switching/stopping only | | | | | | | | | | | | | |
| 6.4.1 | Readily accessible for operation where danger might occur (537.4.2.5) | N/A | ✓ | | | | | | | | | | | |
| 7.0 | CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED) | | | | | | | | | | | | | |
| 7.1 | Condition of equipment in terms of IP rating (416.2) | N/A | ✓ | | | | | | | | | | | |
| 7.2 | Equipment does not constitute a fire hazard (Section 421) | N/A | ✓ | | | | | | | | | | | |
| 7.3 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | N/A | ✓ | | | | | | | | | | | |
| 7.4 | Suitability for the environment and external influences (512.2) | N/A | ✓ | | | | | | | | | | | |
| 7.5 | Security of fixing (134.1.1) | N/A | ✓ | | | | | | | | | | | |
| 7.6 | Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire List number and location of luminaires inspected. (Separate page) | N/A | ✓ | | | | | | | | | | | |
| 7.7 | Recessed luminaires (downlighters) | | | | | | | | | | | | | |
| 7.7.1 | Correct type of lamps fitted | N/A | N/A | | | | | | | | | | | |
| 7.7.2 | Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2) | N/A | N/A | | | | | | | | | | | |
| 7.7.3 | No signs of overheating to surrounding building fabric (559.4.1) | N/A | N/A | | | | | | | | | | | |
| 7.7.4 | No signs of overheating to conductors/terminations (526.1) | N/A | N/A | | | | | | | | | | | |
| 8.0 | LOCATION(S) CONTAINING A BATH OR SHOWER | | | | | | | | | | | | | |
| 8.1 | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3) | N/A | ✓ | | | | | | | | | | | |
| 8.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | N/A | ✓ | | | | | | | | | | | |
| 8.3 | Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3) | N/A | N/A | | | | | | | | | | | |
| 8.4 | Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2) | N/A | N/A | | | | | | | | | | | |
| 8.5 | Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from Zone 1 (701.512.3) | N/A | N/A | | | | | | | | | | | |
| 8.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | N/A | ✓ | | | | | | | | | | | |
| 8.7 | Suitability of accessories and controlgear etc. for a particular zone (701.512.3) | N/A | ✓ | | | | | | | | | | | |
| 8.8 | Suitability of current-using equipment for particular position within the location (701.55) | N/A | ✓ | | | | | | | | | | | |
| 9.0 | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately the results of particular inspections applied.) | | | | | | | | | | | | | |
| 9.1 | N/A | N/A | N/A | | | | | | | | | | | |
| 9.2 | N/A | N/A | N/A | | | | | | | | | | | |
| OUTCOMES | Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

16 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Designation of consumer unit: **D.B. 1** Location: **CELLAR** Prospective fault current: **2.3 kA** Type of Wiring **O-Other:** **N/A**

| Circuit number | Circuit designation | Type of wiring | Reference Method | Number of points served | Circuit conductors: csa | | | Overcurrent protective devices | | | | RCD | Maximum Z_s permitted by BS7671 Ω | Circuit impedances (Ohms) | | | | | Insulation resistance | | Polarity | Maximum measured earth fault loop impedance Z_s Ω | RCD | | | |
|----------------|--------------------------|----------------|------------------|-------------------------|-------------------------|-------------------|---|--------------------------------|---------|----------|-------------|-----|--|--------------------------------------|--|-----------------|-------------|---|-----------------------|------------------------------|----------|--|-------------------------------|---|--|-----------------------|
| | | | | | Live mm^2 | cpc mm^2 | Max disconnect time permitted by BS7671 s | BS(EN) | Type No | Rating A | Capacity kA | | | Operating current, $I_{\Delta n}$ mA | Ring final circuits only (measured end to end) | | | All circuits (one column to be completed) | | Live - Live $\text{M}\Omega$ | | | Live - Earth $\text{M}\Omega$ | Disconnection time at $I_{\Delta n}$ ms | Disconnection time at $5I_{\Delta n}$ ms | Test button operation |
| | | | | | | | | | | | | | | | r_1 (Line) | r_n (Neutral) | r_2 (cpc) | R_1+R_2 | R_2 | | | | | | | |
| * | SUB - MAIN | A | C | 1 | 16 | 16 | 5 | 1361 | 2 | 60 | 33 | N/A | 0.67 | | | | 0.01 | N/A | LIM | > 200 | ✓ | 0.10 | N/A | N/A | N/A | |
| * | RCD MODULE A | | | | | | | 61008 | N/A | 80 | | 30 | | | | | | | | | ✓ | | 26 | 13 | ✓ | |
| 1 | SHOWER 8.5kw | A | B/C | 1 | 10 | 4 | 5 | 60898 | B | 40 | 6 | 30 | 1.09 | | | | 0.04 | N/A | LIM | >30 | ✓ | 0.14 | 26 | 13 | ✓ | |
| 2 | UPSTAIRS SOCKETS | A | C | 8 | 2.5 | 1.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | 0.48 | 0.48 | 0.83 | 0.55 | N/A | LIM | >30 | ✓ | 0.65 | 26 | 13 | ✓ | |
| 3 | KITCHEN SOCKETS | A | C | 6 | 2.5 | 1.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | 0.28 | 0.28 | 0.51 | 0.26 | N/A | LIM | > 200 | ✓ | 0.36 | 26 | 13 | ✓ | |
| 4 | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | CELLAR LIGHTS | A | B | 3 | 1.5 | 1.0 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | | | | 0.38 | N/A | LIM | > 200 | ✓ | 0.48 | 26 | 13 | ✓ | |
| 6 | LIGHTING/BATH FAN/SMOKES | A | C | 26 | 1.0 | 1.0 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | | | | 1.13 | N/A | LIM | >30 | ✓ | 1.26 | 37 | 11 | ✓ | |
| 7 | FIRE ALARM | O | B | 1 | 1.5 | 1.0 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | | | | 0.02 | N/A | LIM | >30 | ✓ | 0.12 | 37 | 11 | ✓ | |
| 8 | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | DOWNSTAIRS SOCKETS | A | C | 3 | 2.5 | 1.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | 0.16 | 0.16 | 0.26 | 0.10 | N/A | LIM | >30 | ✓ | 0.20 | 37 | 11 | ✓ | |
| 10 | COOKER | A | C | 2 | 6 | 2.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | | | | 0.16 | N/A | LIM | >30 | ✓ | 0.26 | 37 | 11 | ✓ | |
| * | RCD MODULE B | | | | | | | 61008 | N/A | 80 | | 30 | | | | | | | | | ✓ | | 37 | 11 | ✓ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | |
|----------------------------|-----------------------------|---------|-----------------------------|-----|-------------|-----|
| 17 TEST INSTRUMENTS | Multi-functional: | 2014072 | Insulation resistance: | n/a | Continuity: | n/a |
| | Earth electrode resistance: | n/a | Earth fault loop impedance: | n/a | RCD: | n/a |

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

The purpose of this Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in satisfactory condition for continued service (see Section 7). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.

The person ordering the Report should have received the "original" Report and the inspector should have retained a duplicate.

The "original" Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested quarterly. For safety reasons it is important that this instruction is followed.

Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in section 4 - Extent and Limitations on page 1.

For items classified in the observations as C1 ("Danger present"), the safety of those using the installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

For items classified in the observations as C2 ("Potentially dangerous"), the safety of those using the installation may be at risk and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code of C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 8 - Recommendations).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated on page 3 under section 10 'Next Inspection', and on a label at or near to the consumer unit / distribution board.

Certificate Reference: **KPSPH002172**

1 DETAILS OF THE CLIENT

Client: **LEEDS FEDERATED HOUSING ASSOCIATION**

Address: **ARTHINGTON HOUSE, 30 WESTFIELD ROAD, LS31DE**

2 PURPOSE OF THE REPORT

Purpose for which this report is required:
 Safety assessment requested by client.

3 DETAILS OF THE INSTALLATION

Installation Address: **18 Blandford Grove, 18 Blandford Grove, Leeds, LS2**

Description of premises: Domestic Commercial N/A Industrial N/A Other: N/A

Estimated age of electrical installation: **25** years Evidence of alteration or additions: **YES** if yes, estimated age: **5** years

Date of previous inspection: **N/A**

Records of installation available: N/A Electrical Installation Certificate No or previous Periodic Inspection Report No: N/A

4 EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:
 Testing of all fixed wiring only with the exception of any agreed or operational limitations

Agreed and operational limitations of the inspection and testing (include reasons and person agreed with):
 See "KPS Limitation Document" Agreed with client.

The inspection and testing detailed in this report and accompanying schedules has been carried out in accordance with BS 7671:2008 (IET Wiring Regulations), as amended to 2015. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

5 DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see section 2), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see section 7) and the attached schedules (see section 17), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see section 4).

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name: **Kier Mapplebeck** Position: **Electrician** Signature:  Date: **06/12/2017**

Report reviewed and authorised for issue by:

Name: **Patrick_Hoyer** Position: **Qualified Supervisor** Signature:  Date: **08/12/2017**

6 SUMMARY OF THE CONDITION OF THE INSTALLATION

See page 3 for a summary of the general condition of the installation in terms of electrical safety.

Overall assessment of the installation in terms of it's suitability for continued use*: **SATISFACTORY**

* An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached Schedule(s) of Inspections and Test Results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

- N/A There are no items adversely affecting electrical safety
or
 The following observations and recommendations are made

| Item No | Observations | Classification Code |
|---------|--|---------------------|
| 1 | Inspection Schedule Item 5.5: Condition of enclosure(s) in terms of IP rating etc (416.2) is recommended for improvement.(CCU not ip rated) rectified. | C3 |
| 2 | Inspection Schedule Item 5.6: Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5) is recommended for improvement.(CCU does not comply with current regs for fire rating) | C3 |
| 3 | Inspection Schedule Item 5.19: Presence of next inspection recommendation label (514.12.1) is recommended for improvement.(no next test sticker) | C3 |
| 4 | Inspection Schedule Item 5.21: Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4, .5, .6; Sections 432, 433) is recommended for improvement.(kitchen sockets mcb made by different manufacturer) | C3 |
| 5 | Inspection Schedule Item 6.2: Cables correctly supported throughout their run (522.8.5) is recommended for improvement.(flex in cellar not supported) | C3 |
| 6 | Inspection Schedule Item 6.17: Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) is recommended for improvement.(trunking does not have fire rated clips. switch at top of cellar steps not i.p rated) | C3 |
| 7 | Inspection Schedule Item 6.24: Adequacy of connections, including cpc s, within accessories and to fixed and stationary equipment identify/record numbers and locations of items inspected (Section 526) is in a potentially dangerous condition. Urgent remedial action is required.(continuity fault on kitchen sockets and up lights) | C2 |
| 8 | Inspection Schedule Item 9.6: Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) is recommended for improvement.(No sealed light) | C3 |
| | | |
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| | | |

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

- C1** Danger Present
Risk of injury. Immediate remedial action required
 C2 Potentially dangerous
Urgent remedial action required
 C3 Improvement recommended
 F1 Further investigation required without delay

| | |
|---|---------------------|
| Immediate remedial action required for items: | N/A |
| Urgent remedial action required for items: | 7 |
| Improvement recommended for items: | 1, 2, 3, 4, 5, 6, 8 |
| Further investigation required for items: | N/A |

8 RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.

Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'. Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

General condition of the installation in terms of electrical safety:

CABLE AND ACCESSORIES IN A GENERAL SATISFACTORY CONDITION, SEE OBSERVATIONS FOR FURTHER INFORMATION.

9 NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

5 Years or change of tenant/owner (Enter interval in terms of years, months or weeks, as appropriate)

provided that any items in section 7 which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see section 7).

10 DETAILS OF THE ELECTRICAL CONTRACTOR

| | | | |
|----------------|--------------------------------|----------------------|-------------|
| Trading Title: | Engie Regeneration limited | | |
| Address: | Bowling Green Terrace Leeds | Registration Number: | 023254 |
| | | Telephone Number: | 07764449632 |
| | Postcode: | LS11 9SP | |

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| Earthing Arrangements | Number and Type of Live Conductors | | | | Nature of Supply Parameters | | | Supply Protective Device | |
|-----------------------|-------------------------------------|--|------------------------------|-------------|---|-------------------------|--------|--------------------------|--|
| TN-S | N/A | ac: <input checked="" type="checkbox"/> | dc: <input type="checkbox"/> | N/A | Nominal voltage(s): U: N/A V Uo: 230 V | BS(EN): | LIM | | |
| TN-C-S | <input checked="" type="checkbox"/> | 1-phase (2 wire): <input checked="" type="checkbox"/> | 1-phase (3 wire): N/A | 2 pole: N/A | Nominal frequency, f: 50 Hz | Type: | LIM | | |
| TNC | N/A | 2-phase (3 wire): N/A | 3-phase (4 wire): N/A | 3 pole: N/A | Prospective fault current, Ipf: 1.8 kA | Rated current: | LIM A | | |
| TT | N/A | Other: N/A | Other: N/A | Other: N/A | External earth fault loop impedance, Ze: 0.13 Ω | Short-circuit capacity: | LIM kA | | |
| IT | N/A | Confirmation of supply polarity: <input checked="" type="checkbox"/> | | | Number of supplies: 1 | | | | |

12 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

| | | | | |
|---|---|--|--|--|
| Means of Earthing | Details of Installation Earth Electrode (where applicable) | | | |
| Distributor's facility: <input checked="" type="checkbox"/> | Type: N/A | Location: N/A | | |
| Installation earth electrode: N/A | Resistance to Earth: N/A Ω | Method of measurement: N/A | | |
| Maximum Demand (Load): 30 Amps | Protective measure(s) against electric shock: ADS | | | |
| Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type | Supply conductors material: Copper | | | If RCD main switch: |
| BS(EN): 60947-3 Isolator | Current rating: 100 A | Supply conductors csa: 25 mm ² | | Rated residual operating current (IΔn): N/A mA |
| Number of poles: 2 | Fuse/device rating or setting: 100 A | | | Rated time delay: N/A ms |
| | Voltage rating: 230 V | | | Measured operating time (at IΔn): N/A ms |
| Earthing and Protective Bonding Conductors | | Bonding of extraneous-conductive parts | | |
| Earthing conductor | Connection/continuity verified: <input checked="" type="checkbox"/> | To water installation pipes: <input checked="" type="checkbox"/> | To gas installation pipes: <input checked="" type="checkbox"/> | |
| Conductor material: Copper | csa: 16 mm ² | To oil installation pipes: N/A | To lightning protection: N/A | |
| Main protective bonding conductors | Connection/continuity verified: <input checked="" type="checkbox"/> | To structural steel: N/A | To other service(s): N/A | |
| Conductor material: Copper | csa: 10 mm ² | | | |

13 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome |
|-------|--|---------|---------|
| 1.0 | CONDITION/ADEQUACY OF DISTRIBUTOR'S/SUPPLY INTAKE EQUIPMENT | | |
| 1.1 | Service cable | N/A | ✓ |
| 1.2 | Service head | N/A | ✓ |
| 1.3 | Distributor's earthing arrangements | N/A | ✓ |
| 1.4 | Meter tails – Distributor/Consumer | N/A | ✓ |
| 1.5 | Metering equipment | N/A | ✓ |
| 1.6 | Means of main isolation (where present) | N/A | ✓ |
| 2.0 | PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES | | |
| 2.1 | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) | N/A | N/A |
| 2.1 | Adequate arrangements where a generating set operates in parallel with the public supply (551.7) | N/A | N/A |
| 3.0 | AUTOMATIC DISCONNECTION OF SUPPLY | | |
| 3.1 | Main earthing/bonding arrangements (411.3; Chap 54) | | |
| 3.1.1 | Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2) | N/A | ✓ |
| 3.1.2 | Presence of installation earth electrode arrangement (542.1.2.3) | N/A | N/A |
| 3.1.3 | Adequacy of earthing conductor size (542.3; 543.1.1) | N/A | ✓ |
| 3.1.4 | Adequacy of earthing conductor connections (542.3.2) | N/A | ✓ |
| 3.1.5 | Accessibility of earthing conductor connections (543.3.2) | N/A | ✓ |
| 3.1.6 | Adequacy of main protective bonding conductor sizes (544.1) | N/A | N/A |
| 3.1.7 | Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2) | N/A | N/A |
| 3.1.8 | Accessibility of all protective bonding connections (543.3.2) | N/A | N/A |
| 3.1.9 | Provision of earthing/bonding labels at all appropriate locations (514.13) | N/A | N/A |
| 3.2 | FELV - requirements satisfied (411.7; 411.7.1) | N/A | N/A |
| 4.0 | OTHER METHODS OF PROTECTION (where the methods of protection listed below are employed, details should be provided on separate sheets) | | |
| 4.1 | Non-conducting location (418.1) | N/A | N/A |
| 4.2 | Earth-free local equipotential bonding (418.2) | N/A | N/A |
| 4.3 | Electrical separation (Section 413; 418.3) | N/A | N/A |
| 4.4 | Double insulation (Section 412) | N/A | N/A |
| 4.5 | Reinforced insulation (Section 412) | N/A | N/A |
| 5.0 | DISTRIBUTION EQUIPMENT | | |
| 5.1 | Adequacy of working space/accessibility to equipment (132.12; 513.1) | N/A | ✓ |
| 5.2 | Security of fixing (134.1.1) | N/A | ✓ |
| 5.3 | Condition of insulation of live parts (416.1) | N/A | ✓ |
| 5.4 | Adequacy/security of barriers (416.2) | N/A | ✓ |
| 5.5 | Condition of enclosure(s) in terms of IP rating etc (416.2) | Item 1 | C3 |
| 5.6 | Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5) | Item 2 | C3 |
| 5.7 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | N/A | ✓ |
| 5.8 | Presence and effectiveness of obstacles (417.2) | N/A | N/A |
| 5.9 | Presence of main switch(es), linked where required (537.1.2; 537.1.4) | N/A | ✓ |

OUTCOMES

| Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |
|----------------------|------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
|----------------------|------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|

14 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome |
|----------------------|---|-------------------------|----------|
| 5.10 | Operation of main switch(es) (functional check) (612.13.2) | N/A | ✓ |
| 5.11 | Manual operation of circuit-breakers and RCDs to prove disconnection (612.13..2) | N/A | ✓ |
| 5.12 | Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (612.13.1) | N/A | ✓ |
| 5.13 | RCD(s) provided for fault protection – includes RCBOs (411.4.9; 411.5.2; 531.2) | N/A | N/A |
| 5.14 | RCD(s) provided for additional protection, where required - includes RCBOs (411.3.3; 415.1) | N/A | ✓ |
| 5.15 | Presence of RCD quarterly test notice at or near equipment, where required (514.12.2) | N/A | ✓ |
| 5.16 | Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) | N/A | ✓ |
| 5.17 | Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14) | N/A | ✓ |
| 5.18 | Presence of alternative supply warning notice at or near equipment, where required (514.15) | N/A | N/A |
| 5.19 | Presence of next inspection recommendation label (514.12.1) | Item 3 | C3 |
| 5.20 | Presence of other required labelling (please specify) (Section 514) | N/A | ✓ |
| 5.21 | Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4, .5, .6; Sections 432, 433) | Item 4 | C3 |
| 5.22 | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2) | N/A | ✓ |
| 5.23 | Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.11) | N/A | ✓ |
| 5.24 | Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1) | N/A | ✓ |
| 6.0 | DISTRIBUTION CIRCUITS / FINAL CIRCUITS | | |
| 6.1 | Identification of conductors (514.3.1) | N/A | ✓ |
| 6.2 | Cables correctly supported throughout their run (522.8.5) | Item 5 | C3 |
| 6.3 | Condition of insulation of live parts (416.1) | N/A | ✓ |
| 6.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) | N/A | N/A |
| 6.5 | Suitability of containment systems for continued use (including flexible conduit) (Section 522) | N/A | ✓ |
| 6.6 | Cables correctly terminated in enclosures (Section 526) | N/A | N/A |
| 6.7 | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) | N/A | ✓ |
| 6.8 | Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6) | N/A | ✓ |
| 6.9 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | N/A | ✓ |
| 6.10 | Adequacy of protective devices: type and rated current for fault protection (411.3) | N/A | ✓ |
| 6.11 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | N/A | ✓ |
| 6.12 | Coordination between conductors and overload protective devices (433.1; 533.2.1) | N/A | ✓ |
| 6.13 | Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522) | N/A | ✓ |
| 6.14 | Where exposed to direct sunlight, cable of a suitable type (522.11.1) | N/A | N/A |
| OUTCOMES | | | |
| Acceptable condition | TICK | Unacceptable condition | C1 or C2 |
| | | Improvement recommended | C3 |
| | | Further investigation | FI |
| | | Not verified | N/V |
| | | Limitation | LIM |
| | | Not applicable | N/A |

15 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome | | | | | | | | | | |
|----------------------|--|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| 6.15 | Cables concealed under floors, above ceilings, in walls/partitions less than 50 mm from a surface, and in partitions containing metal parts: | | | | | | | | | | | | |
| 6.15.1 | Installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) or | N/A | LIM | | | | | | | | | | |
| 6.15.2 | Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.204;) | N/A | LIM | | | | | | | | | | |
| 6.16 | Provision of additional protection by 30 mA RCD | | | | | | | | | | | | |
| 6.16.1 | For circuits used to supply mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) | N/A | ✓ | | | | | | | | | | |
| 6.16.2 | For all socket-outlets of rating 20 A or less unless exempt (411.3.3) | N/A | N/A | | | | | | | | | | |
| 6.16.3 | For cables concealed in walls at a depth of less than 50 mm (522.6.202, .203) | N/A | ✓ | | | | | | | | | | |
| 6.16.4 | For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) | N/A | ✓ | | | | | | | | | | |
| 6.17 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | Item 6 | C3 | | | | | | | | | | |
| 6.18 | Band II cables segregated/separated from Band I cables (528.1) | N/A | ✓ | | | | | | | | | | |
| 6.19 | Cables segregated/separated from non-electrical services (528.3) | N/A | ✓ | | | | | | | | | | |
| 6.20 | Termination of cables at enclosures – identify/record numbers and locations of items inspected (Section 526) | | | | | | | | | | | | |
| 6.20.1 | Connections under no undue strain (526.6) | N/A | ✓ | | | | | | | | | | |
| 6.20.2 | No basic insulation of a conductor visible outside enclosure (526.8) | N/A | ✓ | | | | | | | | | | |
| 6.20.3 | Connections of live conductors adequately enclosed (526.5) | N/A | ✓ | | | | | | | | | | |
| 6.20.4 | Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) | N/A | ✓ | | | | | | | | | | |
| 6.21 | Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) | N/A | ✓ | | | | | | | | | | |
| 6.22 | Suitability of circuit accessories for external influences (512.2) | N/A | ✓ | | | | | | | | | | |
| 6.23 | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2) | N/A | ✓ | | | | | | | | | | |
| 6.24 | Adequacy of connections, including cpc's, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) | Item 7 | C2 | | | | | | | | | | |
| 6.25 | Presence, operation and correct location of appropriate devices for isolation and switching (537.2) | N/A | ✓ | | | | | | | | | | |
| 6.26 | General condition of wiring systems (621.2(ii)) | N/A | ✓ | | | | | | | | | | |
| 6.27 | Temperature rating of cable insulation (522.1.1; Table 52.1) | N/A | N/A | | | | | | | | | | |
| 7.0 | ISOLATION AND SWITCHING | | | | | | | | | | | | |
| 7.1 | Isolators (537.2) | | | | | | | | | | | | |
| 7.1.1 | Presence and condition of appropriate devices (537.2.2) | N/A | ✓ | | | | | | | | | | |
| 7.1.2 | Acceptable location – state if local or remote from equipment in question (537.2.1.5) | N/A | N/A | | | | | | | | | | |
| 7.1.3 | Capable of being secured in the OFF position (537.2.1.2) | N/A | ✓ | | | | | | | | | | |
| 7.1.4 | Correct operation verified (612.13.2) | N/A | ✓ | | | | | | | | | | |
| 7.1.5 | Clearly identified by position and/or durable marking (537.2.2.6) | N/A | ✓ | | | | | | | | | | |
| 7.1.6 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.2.1.3) | N/A | ✓ | | | | | | | | | | |
| 7.2 | Switching off for mechanical maintenance (537.3) | | | | | | | | | | | | |
| 7.2.1 | Presence and condition of appropriate devices (537.3.1.1) | N/A | ✓ | | | | | | | | | | |
| 7.2.2 | Acceptable location – state if local or remote from equipment in question (537.3.2.4) | N/A | ✓ | | | | | | | | | | |
| OUTCOMES | | | | | | | | | | | | | |
| Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

16 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome |
|-------|--|---------|---------|
| 7.2.3 | Capable of being secured in the OFF position (537.3.2.3) | N/A | ✓ |
| 7.2.4 | Correct operation verified (612.13.2) | N/A | ✓ |
| 7.2.5 | Clearly identified by position and/or durable marking (537.3.2.4) | N/A | ✓ |
| 7.3 | Emergency switching/stopping (537.4) | | |
| 7.3.1 | Presence and condition of appropriate devices (537.4.1.1) | N/A | ✓ |
| 7.3.2 | Readily accessible for operation where danger might occur (537.4.2.5) | N/A | ✓ |
| 7.3.3 | Correct operation verified (537.4.2.6) | N/A | ✓ |
| 7.3.4 | Clearly identified by position and/or durable marking (537.4.2.7) | N/A | ✓ |
| 7.4 | Functional switching (537.5) | | |
| 7.4.1 | Presence and condition of appropriate devices (537.5.1.1) | N/A | ✓ |
| 7.4.2 | Correct operation verified (537.5.1.3; 537.5.2.2) | N/A | ✓ |
| 8.0 | CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED) | | |
| 8.1 | Condition of equipment in terms of IP rating etc (416.2) | N/A | ✓ |
| 8.2 | Equipment does not constitute a fire hazard (Section 421) | N/A | ✓ |
| 8.3 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | N/A | ✓ |
| 8.4 | Suitability for the environment and external influences (512.2) | N/A | ✓ |
| 8.5 | Security of fixing (134.1.1) | N/A | ✓ |
| 8.6 | Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire (indicate extent of sampling in Section 4 of report) | N/A | N/A |
| 8.7 | Recessed luminaires (e.g. downlighters) | | |
| 8.7.1 | Correct type of lamps fitted | N/A | N/A |
| 8.7.2 | Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2) | N/A | N/A |
| 8.7.3 | No signs of overheating to surrounding building fabric (559.4.1) | N/A | N/A |
| 8.7.4 | No signs of overheating to conductors/terminations (526.1) | N/A | N/A |
| 9.0 | LOCATION(S) CONTAINING A BATH OR SHOWER | | |
| 9.1 | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3) | N/A | ✓ |
| 9.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | N/A | N/A |
| 9.3 | Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3) | N/A | N/A |
| 9.4 | Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2) | N/A | N/A |
| 9.5 | Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3) | N/A | N/A |
| 9.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | Item 8 | C3 |
| 9.7 | Suitability of accessories and controlgear etc. for a particular zone (701.512.3) | N/A | N/A |
| 9.8 | Suitability of current-using equipment for particular position within the location (701.55) | N/A | N/A |
| 10.0 | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately the results of particular inspections) | | |
| 10.1 | N/A | N/A | N/A |
| 10.2 | N/A | N/A | N/A |

OUTCOMES

| Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |
|----------------------|------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
|----------------------|------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|

ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

The purpose of this Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in satisfactory condition for continued service (see Section 7). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.

The person ordering the Report should have received the "original" Report and the inspector should have retained a duplicate.

The "original" Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested quarterly. For safety reasons it is important that this instruction is followed.

Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in section 4 - Extent and Limitations on page 1.

For items classified in the observations as C1 ("Danger present"), the safety of those using the installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

For items classified in the observations as C2 ("Potentially dangerous"), the safety of those using the installation may be at risk and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code of C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 8 - Recommendations).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated on page 3 under section 10 'Next Inspection', and on a label at or near to the consumer unit / distribution board.

Certificate Reference: **KPSPH002177**

1 DETAILS OF THE CLIENT

Client: **LEEDS FEDERATED HOUSING ASSOCIATION**

Address: **ARTHINGTON HOUSE, 30 WESTFIELD ROAD, LS31DE**

2 PURPOSE OF THE REPORT

Purpose for which this report is required:
 Safety assessment requested by client.

3 DETAILS OF THE INSTALLATION

Installation Address: **6 Churchill Gardens , 6 Churchill Gardens, Leeds, LS2 9AW**

Description of premises: Domestic Commercial N/A Industrial N/A Other: N/A

Estimated age of electrical installation: **25** years Evidence of alteration or additions: **YES** if yes, estimated age: **5** years

Date of previous inspection: **N/A**

Records of installation available: N/A Electrical Installation Certificate No or previous Periodic Inspection Report No: N/A

4 EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:
 Testing of all fixed wiring only with the exception of any agreed or operational limitations

Agreed and operational limitations of the inspection and testing (include reasons and person agreed with):
 See "KPS Limitation Document" Agreed with client.

The inspection and testing detailed in this report and accompanying schedules has been carried out in accordance with BS 7671:2008 (IET Wiring Regulations), as amended to 2015. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

5 DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see section 2), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see section 7) and the attached schedules (see section 17), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see section 4).

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name: **Kier Mapplebeck** Position: **Electrician** Signature:  Date: **07/12/2017**

Report reviewed and authorised for issue by:

Name: **Patrick_Hoyer** Position: **Qualified Supervisor** Signature:  Date: **11/12/2017**

6 SUMMARY OF THE CONDITION OF THE INSTALLATION

See page 3 for a summary of the general condition of the installation in terms of electrical safety.

Overall assessment of the installation in terms of it's suitability for continued use*: **UNSATISFACTORY**

* An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached Schedule(s) of Inspections and Test Results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

- N/A There are no items adversely affecting electrical safety
or
 The following observations and recommendations are made

| Item No | Observations | Classification Code |
|---------|--|---------------------|
| 1 | Inspection Schedule Item 3.1.7: Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2) is recommended for improvement.(unable to access bonding to water. Proved continuity by test) | C3 |
| 2 | Inspection Schedule Item 3.1.8: Accessibility of all protective bonding connections (543.3.2) is recommended for improvement.(unable to access water bonding) | C3 |
| 3 | Inspection Schedule Item 5.5: Condition of enclosure(s) in terms of IP rating etc (416.2) is in a potentially dangerous condition. Urgent remedial action is required.(CCU not I.P rated and imain isolator not ip rated. isolator is damp with condensation) | C2 |
| 4 | Inspection Schedule Item 5.6: Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5) is recommended for improvement.(CCU does not comply with current regs for fire rating) | C3 |
| 5 | Inspection Schedule Item 5.16: Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) is recommended for improvement.(no circuit schedule) | C3 |
| 6 | Inspection Schedule Item 5.19: Presence of next inspection recommendation label (514.12.1) is recommended for improvement.(no next test sticker) | C3 |
| 7 | Inspection Schedule Item 5.21: Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4, .5, .6; Sections 432, 433) is in a potentially dangerous condition. Urgent remedial action is required.(terminals to mcbs are worn. recommend replacement) | C2 |
| 8 | Inspection Schedule Item 6.6: Cables correctly terminated in enclosures (Section 526) is in a potentially dangerous condition. Urgent remedial action is required.(High earth continuity on downstairs socket circuit) | C2 |
| 9 | Inspection Schedule Item 6.9: Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) is recommended for improvement.(9kw shower on a 32amp MCB) | C3 |
| 10 | Inspection Schedule Item 6.21: Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) is in a potentially dangerous condition. Urgent remedial action is required.(Shower has crack in it. cooker switch is cracked) | C2 |

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

- C1** Danger Present
Risk of injury. Immediate remedial action required
 C2 Potentially dangerous
Urgent remedial action required
 C3 Improvement recommended
 F1 Further investigation required without delay

| | |
|---|------------------|
| Immediate remedial action required for items: | N/A |
| Urgent remedial action required for items: | 3, 7, 8, 10 |
| Improvement recommended for items: | 1, 2, 4, 5, 6, 9 |
| Further investigation required for items: | N/A |

8 RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.

Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'.

Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

General condition of the installation in terms of electrical safety:

CABLE AND ACCESSORIES IN A GENERAL SATISFACTORY CONDITION , SEE OBSERVATIONS FOR FURTHER INFORMATION.

9 NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

5 Years or change of tenant/owner (Enter interval in terms of years, months or weeks, as appropriate)

provided that any items in section 7 which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see section 7).

10 DETAILS OF THE ELECTRICAL CONTRACTOR

| | | | |
|----------------|----------------------------------|----------------------|-------------|
| Trading Title: | Engie Regeneration Limited | | |
| Address: | 1 Bowling Green Terrace Leeds | Registration Number: | 023254 |
| | | Telephone Number: | 07764449632 |
| | Postcode: | LS11 9SP | |

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| Earthing Arrangements | Number and Type of Live Conductors | | | | Nature of Supply Parameters | | | Supply Protective Device | |
|-----------------------|-------------------------------------|--|------------------------------|-------------|---|-------------------------|--------|--------------------------|--|
| TN-S | N/A | ac: <input checked="" type="checkbox"/> | dc: <input type="checkbox"/> | N/A | Nominal voltage(s): U: N/A V Uo: 230 V | BS(EN): | LIM | | |
| TN-C-S | <input checked="" type="checkbox"/> | 1-phase (2 wire): <input checked="" type="checkbox"/> | 1-phase (3 wire): N/A | 2 pole: N/A | Nominal frequency, f: 50 Hz | Type: | LIM | | |
| TNC | N/A | 2-phase (3 wire): N/A | 3-phase (4 wire): N/A | 3 pole: N/A | Prospective fault current, Ipf: 3.0 kA | Rated current: | LIM A | | |
| TT | N/A | Other: <input type="checkbox"/> | N/A | Other: N/A | External earth fault loop impedance, Ze: 0.08 Ω | Short-circuit capacity: | LIM kA | | |
| IT | N/A | Confirmation of supply polarity: <input checked="" type="checkbox"/> | | | Number of supplies: 1 | | | | |

12 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

| | | | | | | | | | |
|--|--|---|-------|--|---|--|--|---|--------|
| Means of Earthing | Details of Installation Earth Electrode (where applicable) | | | | | | | | |
| Distributor's facility: | <input checked="" type="checkbox"/> | Type: | N/A | Location: | N/A | | | | |
| Installation earth electrode: | N/A | Resistance to Earth: | N/A Ω | Method of measurement: | N/A | | | | |
| Maximum Demand (Load): | 55 Amps | Protective measure(s) against electric shock: | ADS | | | | | | |
| Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type | BS(EN): 5419 Isolator | | | | Supply conductors material: | Copper | If RCD main switch: | | |
| Number of poles: | 2 | Current rating: | 60 A | Fuse/device rating or setting: | 60 A | Supply conductors csa: | 16 mm ² | Rated residual operating current (IΔn): | N/A mA |
| | | Voltage rating: | 230 V | | | | | Rated time delay: | N/A ms |
| | | | | | | | | Measured operating time (at IΔn): | N/A ms |
| Earthing and Protective Bonding Conductors | | | | Bonding of extraneous-conductive parts | | | | | |
| Earthing conductor | Conductor material: Copper | | | csa: 16 mm ² | Connection/continuity verified: <input checked="" type="checkbox"/> | To water installation pipes: <input checked="" type="checkbox"/> | To gas installation pipes: <input checked="" type="checkbox"/> | | |
| Main protective bonding conductors | Conductor material: Copper | | | csa: 10 mm ² | Connection/continuity verified: <input checked="" type="checkbox"/> | To oil installation pipes: N/A | To lightning protection: N/A | | |
| | | | | | | To structural steel: N/A | To other service(s): N/A | | |

13 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome |
|-------------------------|--|------------------------|----------|
| 1.0 | CONDITION/ADEQUACY OF DISTRIBUTOR'S/SUPPLY INTAKE EQUIPMENT | | |
| 1.1 | Service cable | N/A | ✓ |
| 1.2 | Service head | N/A | ✓ |
| 1.3 | Distributor's earthing arrangements | N/A | ✓ |
| 1.4 | Meter tails – Distributor/Consumer | N/A | ✓ |
| 1.5 | Metering equipment | N/A | ✓ |
| 1.6 | Means of main isolation (where present) | N/A | ✓ |
| 2.0 | PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES | | |
| 2.1 | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) | N/A | N/A |
| 2.1 | Adequate arrangements where a generating set operates in parallel with the public supply (551.7) | N/A | N/A |
| 3.0 | AUTOMATIC DISCONNECTION OF SUPPLY | | |
| 3.1 | Main earthing/bonding arrangements (411.3; Chap 54) | | |
| 3.1.1 | Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2) | N/A | ✓ |
| 3.1.2 | Presence of installation earth electrode arrangement (542.1.2.3) | N/A | N/A |
| 3.1.3 | Adequacy of earthing conductor size (542.3; 543.1.1) | N/A | ✓ |
| 3.1.4 | Adequacy of earthing conductor connections (542.3.2) | N/A | ✓ |
| 3.1.5 | Accessibility of earthing conductor connections (543.3.2) | N/A | ✓ |
| 3.1.6 | Adequacy of main protective bonding conductor sizes (544.1) | N/A | N/A |
| 3.1.7 | Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2) | Item 1 | C3 |
| 3.1.8 | Accessibility of all protective bonding connections (543.3.2) | Item 2 | C3 |
| 3.1.9 | Provision of earthing/bonding labels at all appropriate locations (514.13) | N/A | N/V |
| 3.2 | FELV - requirements satisfied (411.7; 411.7.1) | N/A | N/A |
| 4.0 | OTHER METHODS OF PROTECTION (where the methods of protection listed below are employed, details should be provided on separate sheets) | | |
| 4.1 | Non-conducting location (418.1) | N/A | N/A |
| 4.2 | Earth-free local equipotential bonding (418.2) | N/A | N/A |
| 4.3 | Electrical separation (Section 413; 418.3) | N/A | N/A |
| 4.4 | Double insulation (Section 412) | N/A | N/A |
| 4.5 | Reinforced insulation (Section 412) | N/A | N/A |
| 5.0 | DISTRIBUTION EQUIPMENT | | |
| 5.1 | Adequacy of working space/accessibility to equipment (132.12; 513.1) | N/A | ✓ |
| 5.2 | Security of fixing (134.1.1) | N/A | ✓ |
| 5.3 | Condition of insulation of live parts (416.1) | N/A | ✓ |
| 5.4 | Adequacy/security of barriers (416.2) | N/A | ✓ |
| 5.5 | Condition of enclosure(s) in terms of IP rating etc (416.2) | Item 3 | C2 |
| 5.6 | Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5) | Item 4 | C3 |
| 5.7 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | N/A | ✓ |
| 5.8 | Presence and effectiveness of obstacles (417.2) | N/A | N/A |
| 5.9 | Presence of main switch(es), linked where required (537.1.2; 537.1.4) | N/A | ✓ |
| OUTCOMES | | | |
| Acceptable condition | TICK | Unacceptable condition | C1 or C2 |
| Improvement recommended | C3 | Further investigation | FI |
| Not verified | N/V | Limitation | LIM |
| Not applicable | N/A | | |

14 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome |
|----------------------|---|-------------------------|----------|
| 5.10 | Operation of main switch(es) (functional check) (612.13.2) | N/A | ✓ |
| 5.11 | Manual operation of circuit-breakers and RCDs to prove disconnection (612.13..2) | N/A | ✓ |
| 5.12 | Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (612.13.1) | N/A | ✓ |
| 5.13 | RCD(s) provided for fault protection – includes RCBOs (411.4.9; 411.5.2; 531.2) | N/A | N/A |
| 5.14 | RCD(s) provided for additional protection, where required - includes RCBOs (411.3.3; 415.1) | N/A | ✓ |
| 5.15 | Presence of RCD quarterly test notice at or near equipment, where required (514.12.2) | N/A | ✓ |
| 5.16 | Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) | Item 5 | C3 |
| 5.17 | Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14) | N/A | ✓ |
| 5.18 | Presence of alternative supply warning notice at or near equipment, where required (514.15) | N/A | N/A |
| 5.19 | Presence of next inspection recommendation label (514.12.1) | Item 6 | C3 |
| 5.20 | Presence of other required labelling (please specify) (Section 514) | N/A | ✓ |
| 5.21 | Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4, .5, .6; Sections 432, 433) | Item 7 | C2 |
| 5.22 | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2) | N/A | ✓ |
| 5.23 | Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.11) | N/A | ✓ |
| 5.24 | Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1) | N/A | ✓ |
| 6.0 | DISTRIBUTION CIRCUITS / FINAL CIRCUITS | | |
| 6.1 | Identification of conductors (514.3.1) | N/A | ✓ |
| 6.2 | Cables correctly supported throughout their run (522.8.5) | N/A | ✓ |
| 6.3 | Condition of insulation of live parts (416.1) | N/A | ✓ |
| 6.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) | N/A | N/A |
| 6.5 | Suitability of containment systems for continued use (including flexible conduit) (Section 522) | N/A | ✓ |
| 6.6 | Cables correctly terminated in enclosures (Section 526) | Item 8 | C2 |
| 6.7 | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) | N/A | ✓ |
| 6.8 | Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6) | N/A | ✓ |
| 6.9 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | Item 9 | C3 |
| 6.10 | Adequacy of protective devices: type and rated current for fault protection (411.3) | N/A | ✓ |
| 6.11 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | N/A | ✓ |
| 6.12 | Coordination between conductors and overload protective devices (433.1; 533.2.1) | N/A | ✓ |
| 6.13 | Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522) | N/A | ✓ |
| 6.14 | Where exposed to direct sunlight, cable of a suitable type (522.11.1) | N/A | N/A |
| OUTCOMES | | | |
| Acceptable condition | TICK | Unacceptable condition | C1 or C2 |
| | | Improvement recommended | C3 |
| | | Further investigation | FI |
| | | Not verified | N/V |
| | | Limitation | LIM |
| | | Not applicable | N/A |

15 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome |
|----------------------|--|-------------------------|----------|
| 6.15 | Cables concealed under floors, above ceilings, in walls/partitions less than 50 mm from a surface, and in partitions containing metal parts: | | |
| 6.15.1 | Installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) or | N/A | LIM |
| 6.15.2 | Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.204;) | N/A | LIM |
| 6.16 | Provision of additional protection by 30 mA RCD | | |
| 6.16.1 | For circuits used to supply mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) | N/A | ✓ |
| 6.16.2 | For all socket-outlets of rating 20 A or less unless exempt (411.3.3) | N/A | N/A |
| 6.16.3 | For cables concealed in walls at a depth of less than 50 mm (522.6.202, .203) | N/A | ✓ |
| 6.16.4 | For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) | N/A | ✓ |
| 6.17 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | N/A | ✓ |
| 6.18 | Band II cables segregated/separated from Band I cables (528.1) | N/A | ✓ |
| 6.19 | Cables segregated/separated from non-electrical services (528.3) | N/A | ✓ |
| 6.20 | Termination of cables at enclosures – identify/record numbers and locations of items inspected (Section 526) | | |
| 6.20.1 | Connections under no undue strain (526.6) | N/A | ✓ |
| 6.20.2 | No basic insulation of a conductor visible outside enclosure (526.8) | N/A | ✓ |
| 6.20.3 | Connections of live conductors adequately enclosed (526.5) | N/A | ✓ |
| 6.20.4 | Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) | N/A | ✓ |
| 6.21 | Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) | Item 10 | C2 |
| 6.22 | Suitability of circuit accessories for external influences (512.2) | N/A | ✓ |
| 6.23 | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2) | N/A | ✓ |
| 6.24 | Adequacy of connections, including cpc's, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) | N/A | N/A |
| 6.25 | Presence, operation and correct location of appropriate devices for isolation and switching (537.2) | N/A | ✓ |
| 6.26 | General condition of wiring systems (621.2(ii)) | N/A | ✓ |
| 6.27 | Temperature rating of cable insulation (522.1.1; Table 52.1) | N/A | N/A |
| 7.0 | ISOLATION AND SWITCHING | | |
| 7.1 | Isolators (537.2) | | |
| 7.1.1 | Presence and condition of appropriate devices (537.2.2) | Item 11 | C2 |
| 7.1.2 | Acceptable location – state if local or remote from equipment in question (537.2.1.5) | N/A | N/A |
| 7.1.3 | Capable of being secured in the OFF position (537.2.1.2) | N/A | ✓ |
| 7.1.4 | Correct operation verified (612.13.2) | N/A | ✓ |
| 7.1.5 | Clearly identified by position and/or durable marking (537.2.2.6) | N/A | ✓ |
| 7.1.6 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.2.1.3) | N/A | N/A |
| 7.2 | Switching off for mechanical maintenance (537.3) | | |
| 7.2.1 | Presence and condition of appropriate devices (537.3.1.1) | N/A | ✓ |
| 7.2.2 | Acceptable location – state if local or remote from equipment in question (537.3.2.4) | N/A | ✓ |
| OUTCOMES | | | |
| Acceptable condition | TICK | Unacceptable condition | C1 or C2 |
| | | Improvement recommended | C3 |
| | | Further investigation | FI |
| | | Not verified | N/V |
| | | Limitation | LIM |
| | | Not applicable | N/A |

16 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome |
|-------|--|---------|---------|
| 7.2.3 | Capable of being secured in the OFF position (537.3.2.3) | N/A | ✓ |
| 7.2.4 | Correct operation verified (612.13.2) | N/A | ✓ |
| 7.2.5 | Clearly identified by position and/or durable marking (537.3.2.4) | N/A | ✓ |
| 7.3 | Emergency switching/stopping (537.4) | | |
| 7.3.1 | Presence and condition of appropriate devices (537.4.1.1) | N/A | ✓ |
| 7.3.2 | Readily accessible for operation where danger might occur (537.4.2.5) | N/A | ✓ |
| 7.3.3 | Correct operation verified (537.4.2.6) | N/A | ✓ |
| 7.3.4 | Clearly identified by position and/or durable marking (537.4.2.7) | N/A | ✓ |
| 7.4 | Functional switching (537.5) | | |
| 7.4.1 | Presence and condition of appropriate devices (537.5.1.1) | N/A | ✓ |
| 7.4.2 | Correct operation verified (537.5.1.3; 537.5.2.2) | N/A | ✓ |
| 8.0 | CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED) | | |
| 8.1 | Condition of equipment in terms of IP rating etc (416.2) | N/A | ✓ |
| 8.2 | Equipment does not constitute a fire hazard (Section 421) | N/A | ✓ |
| 8.3 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | N/A | ✓ |
| 8.4 | Suitability for the environment and external influences (512.2) | N/A | ✓ |
| 8.5 | Security of fixing (134.1.1) | N/A | ✓ |
| 8.6 | Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire (indicate extent of sampling in Section 4 of report) | N/A | N/A |
| 8.7 | Recessed luminaires (e.g. downlighters) | | |
| 8.7.1 | Correct type of lamps fitted | N/A | N/A |
| 8.7.2 | Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2) | N/A | N/A |
| 8.7.3 | No signs of overheating to surrounding building fabric (559.4.1) | N/A | N/A |
| 8.7.4 | No signs of overheating to conductors/terminations (526.1) | N/A | N/A |
| 9.0 | LOCATION(S) CONTAINING A BATH OR SHOWER | | |
| 9.1 | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3) | N/A | ✓ |
| 9.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | N/A | N/A |
| 9.3 | Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3) | N/A | N/A |
| 9.4 | Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2) | N/A | N/A |
| 9.5 | Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3) | N/A | N/A |
| 9.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | Item 12 | C3 |
| 9.7 | Suitability of accessories and controlgear etc. for a particular zone (701.512.3) | item 13 | C2 |
| 9.8 | Suitability of current-using equipment for particular position within the location (701.55) | N/A | ✓ |
| 10.0 | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately the results of particular inspections) | | |
| 10.1 | N/A | N/A | N/A |
| 10.2 | N/A | N/A | N/A |

OUTCOMES

| Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |
|----------------------|------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
|----------------------|------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|

ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

The purpose of this Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in satisfactory condition for continued service (see Section 7). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.

The person ordering the Report should have received the "original" Report and the inspector should have retained a duplicate.

The "original" Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested quarterly. For safety reasons it is important that this instruction is followed.

Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in section 4 - Extent and Limitations on page 1.

For items classified in the observations as C1 ("Danger present"), the safety of those using the installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

For items classified in the observations as C2 ("Potentially dangerous"), the safety of those using the installation may be at risk and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code of C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 8 - Recommendations).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated on page 3 under section 10 'Next Inspection', and on a label at or near to the consumer unit / distribution board.

Certificate Reference:

KPSPH002185

1 DETAILS OF THE CLIENT

Client: LEEDS FEDERATED HOUSING ASSOCIATION
Address: ARTHINGTON HOUSE, 30 WESTFIELD ROAD, LS31DE

2 PURPOSE OF THE REPORT

Purpose for which this report is required:
Safety assessment requested by client.

3 DETAILS OF THE INSTALLATION

Installation Address: 12 Churchill Gardens, 12 Churchill Gardens, Leeds, LS2 9AW

Description of premises: Domestic Commercial N/A Industrial N/A Other: N/A
Estimated age of electrical installation: 25 years Evidence of alteration or additions: YES if yes, estimated age: 5 years
Date of previous inspection: N/A
Records of installation available: N/A Electrical Installation Certificate No or previous Periodic Inspection Report No: N/A

4 EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:
Testing of all fixed wiring only with the exception of any agreed or operational limitations

Agreed and operational limitations of the inspection and testing (include reasons and person agreed with):
See "KPS Limitation Document" Agreed with client.

The inspection and testing detailed in this report and accompanying schedules has been carried out in accordance with BS 7671:2008 (IET Wiring Regulations), as amended to 2015. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

5 DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see section 2), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see section 7) and the attached schedules (see section 17), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see section 4).

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name: Kier Mapplebeck Position: Electrician Signature:  Date: 14/12/2017

Report reviewed and authorised for issue by:

Name: Patrick_Hoyer Position: Qualified Supervisor Signature:  Date: 19/12/2017

6 SUMMARY OF THE CONDITION OF THE INSTALLATION

See page 3 for a summary of the general condition of the installation in terms of electrical safety.

Overall assessment of the installation in terms of it's suitability for continued use*:

UNSATISFACTORY

* An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached Schedule(s) of Inspections and Test Results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

- N/A There are no items adversely affecting electrical safety
or
 The following observations and recommendations are made

| Item No | Observations | Classification Code |
|---------|--|---------------------|
| 1 | Inspection Schedule Item 3.1.7: Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2) is in a potentially dangerous condition. Urgent remedial action is required.(main water bonding connection is loose) | C2 |
| 2 | Inspection Schedule Item 5.5: Condition of enclosure(s) in terms of IP rating etc (416.2) is in a potentially dangerous condition. Urgent remedial action is required.(CCU not I.P rated and imain isolator not ip rated. isolator is damp with condensation) | C2 |
| 3 | Inspection Schedule Item 5.6: Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5) is recommended for improvement.(CCU does not comply with current regs for fire rating) | C3 |
| 4 | Inspection Schedule Item 5.16: Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) is recommended for improvement.(no circuit schedule) | C3 |
| 5 | Inspection Schedule Item 6.1: Identification of conductors (514.3.1) is in a potentially dangerous condition. Urgent remedial action is required.(The brown and blue flex in wrong terminals in 2nd floor bedroom light) | C2 |
| 6 | Inspection Schedule Item 6.2: Cables correctly supported throughout their run (522.8.5) is recommended for improvement.(flex in cellar not supported. run next to pipe) | C3 |
| 7 | Inspection Schedule Item 6.6: Cables correctly terminated in enclosures (Section 526) is in a potentially dangerous condition. Urgent remedial action is required.(High continuity on socket circuit) (High reading on shower and cooker circuits) | C2 |
| 8 | Inspection Schedule Item 6.21: Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) is in a potentially dangerous condition. Urgent remedial action is required.(Lights in cellar not working. under unit socket not working. Boiler spur not ip rated) (damaged spur in kitchen) | C2 |
| 9 | Inspection Schedule Item 7.1.1: Presence and condition of appropriate devices (537.2.2) is in a potentially dangerous condition. Urgent remedial action is required.(Isolator damp with condensation) | C2 |
| 10 | Inspection Schedule Item 9.6: Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) is in a potentially dangerous condition. Urgent remedial action is required.(Shower unit not ip rated) | C2 |

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

- C1** Danger Present
Risk of injury. Immediate remedial action required
 C2 Potentially dangerous
Urgent remedial action required
 C3 Improvement
recommended
 F1 Further investigation
required without delay

| | |
|---|----------------------|
| Immediate remedial action required for items: | N/A |
| Urgent remedial action required for items: | 1, 2, 5, 7, 8, 9, 10 |
| Improvement recommended for items: | 3, 4, 6 |
| Further investigation required for items: | N/A |

8 RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.

Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'. Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

General condition of the installation in terms of electrical safety:

CABLE AND ACCESSORIES IN A GENERAL SATISFACTORY CONDITION, SEE OBSERVATIONS FOR FURTHER INFORMATION.

9 NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

5 Years or change of tenant/owner (Enter interval in terms of years, months or weeks, as appropriate)

provided that any items in section 7 which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see section 7).

10 DETAILS OF THE ELECTRICAL CONTRACTOR

| | | | |
|----------------|--------------------------------|----------------------|-------------|
| Trading Title: | Engie Regeneration limited | | |
| Address: | Bowling Green Terrace Leeds | Registration Number: | 023254 |
| | | Telephone Number: | 07764449632 |
| | Postcode: | LS11 9SP | |

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| Earthing Arrangements | Number and Type of Live Conductors | | | | Nature of Supply Parameters | | | Supply Protective Device | | |
|-----------------------|-------------------------------------|--|--|-----|--|-------|--|---|--|--------|
| TN-S | N/A | ac: <input checked="" type="checkbox"/> | dc: <input type="checkbox"/> | N/A | Nominal voltage(s): U: <input type="checkbox"/> V Uo: <input type="checkbox"/> | 230 V | BS(EN): | LIM | | |
| TN-C-S | <input checked="" type="checkbox"/> | 1-phase (2 wire): <input checked="" type="checkbox"/> | 1-phase (3 wire): <input type="checkbox"/> | N/A | | | | 2 pole: <input type="checkbox"/> | N/A | Type: |
| TNC | N/A | 2-phase (3 wire): <input type="checkbox"/> | 3-phase (3 wire): <input type="checkbox"/> | N/A | 3 pole: <input type="checkbox"/> | N/A | Prospective fault current, Ipf: <input type="checkbox"/> | 3.5 kA | | |
| TT | N/A | 3-phase (4 wire): <input type="checkbox"/> | Other: <input type="checkbox"/> | N/A | Other: <input type="checkbox"/> | N/A | | External earth fault loop impedance, Ze: <input type="checkbox"/> | 0.07 Ω | |
| IT | N/A | Confirmation of supply polarity: <input checked="" type="checkbox"/> | | | Number of supplies: | 1 | | | Short-circuit capacity: <input type="checkbox"/> | LIM kA |

12 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

| | | | | | | | |
|--|-------------------------------------|--|---|--|------------------------|---|-------------------------------------|
| Means of Earthing | | Details of Installation Earth Electrode (where applicable) | | | | | |
| Distributor's facility: | <input checked="" type="checkbox"/> | Type: | N/A | | Location: | N/A | |
| Installation earth electrode: | N/A | Resistance to Earth: | N/A Ω | | Method of measurement: | N/A | |
| Maximum Demand (Load): | 50 Amps | | Protective measure(s) against electric shock: | | ADS | | |
| Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type | | | | Supply conductors material: | | If RCD main switch: | |
| BS(EN): | 5419 Isolator | | Current rating: | 60 A | | Rated residual operating current (IΔn): | N/A mA |
| Number of poles: | 2 | | Fuse/device rating or setting: | 60 A | | Rated time delay: | N/A ms |
| | | | Voltage rating: | 230 V | | Measured operating time (at IΔn): | N/A ms |
| Earthing and Protective Bonding Conductors | | | | Bonding of extraneous-conductive parts | | | |
| Earthing conductor | | | Connection/continuity verified: | <input checked="" type="checkbox"/> | | To water installation pipes: | <input checked="" type="checkbox"/> |
| Conductor material: | Copper | | csa: | 16 mm ² | | To oil installation pipes: | N/A |
| Main protective bonding conductors | | | Connection/continuity verified: | <input checked="" type="checkbox"/> | | To lightning protection: | N/A |
| Conductor material: | Copper | | csa: | 10 mm ² | | To other service(s): | N/A |
| | | | | | | To structural steel: | N/A |

13 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome |
|-------|--|---------|---------|
| 1.0 | CONDITION/ADEQUACY OF DISTRIBUTOR'S/SUPPLY INTAKE EQUIPMENT | | |
| 1.1 | Service cable | N/A | ✓ |
| 1.2 | Service head | N/A | ✓ |
| 1.3 | Distributor's earthing arrangements | N/A | ✓ |
| 1.4 | Meter tails – Distributor/Consumer | N/A | ✓ |
| 1.5 | Metering equipment | N/A | ✓ |
| 1.6 | Means of main isolation (where present) | N/A | ✓ |
| 2.0 | PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES | | |
| 2.1 | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) | N/A | N/A |
| 2.1 | Adequate arrangements where a generating set operates in parallel with the public supply (551.7) | N/A | N/A |
| 3.0 | AUTOMATIC DISCONNECTION OF SUPPLY | | |
| 3.1 | Main earthing/bonding arrangements (411.3; Chap 54) | | |
| 3.1.1 | Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2) | N/A | ✓ |
| 3.1.2 | Presence of installation earth electrode arrangement (542.1.2.3) | N/A | N/A |
| 3.1.3 | Adequacy of earthing conductor size (542.3; 543.1.1) | N/A | ✓ |
| 3.1.4 | Adequacy of earthing conductor connections (542.3.2) | N/A | ✓ |
| 3.1.5 | Accessibility of earthing conductor connections (543.3.2) | N/A | ✓ |
| 3.1.6 | Adequacy of main protective bonding conductor sizes (544.1) | N/A | N/A |
| 3.1.7 | Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2) | Item 1 | C2 |
| 3.1.8 | Accessibility of all protective bonding connections (543.3.2) | N/A | N/A |
| 3.1.9 | Provision of earthing/bonding labels at all appropriate locations (514.13) | N/A | N/A |
| 3.2 | FELV - requirements satisfied (411.7; 411.7.1) | N/A | N/A |
| 4.0 | OTHER METHODS OF PROTECTION (where the methods of protection listed below are employed, details should be provided on separate sheets) | | |
| 4.1 | Non-conducting location (418.1) | N/A | N/A |
| 4.2 | Earth-free local equipotential bonding (418.2) | N/A | N/A |
| 4.3 | Electrical separation (Section 413; 418.3) | N/A | N/A |
| 4.4 | Double insulation (Section 412) | N/A | N/A |
| 4.5 | Reinforced insulation (Section 412) | N/A | N/A |
| 5.0 | DISTRIBUTION EQUIPMENT | | |
| 5.1 | Adequacy of working space/accessibility to equipment (132.12; 513.1) | N/A | ✓ |
| 5.2 | Security of fixing (134.1.1) | N/A | ✓ |
| 5.3 | Condition of insulation of live parts (416.1) | N/A | ✓ |
| 5.4 | Adequacy/security of barriers (416.2) | N/A | ✓ |
| 5.5 | Condition of enclosure(s) in terms of IP rating etc (416.2) | Item 2 | C2 |
| 5.6 | Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5) | Item 3 | C3 |
| 5.7 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | N/A | ✓ |
| 5.8 | Presence and effectiveness of obstacles (417.2) | N/A | N/A |
| 5.9 | Presence of main switch(es), linked where required (537.1.2; 537.1.4) | N/A | ✓ |

| OUTCOMES | | | | | | | | | | | | | |
|----------------------|------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

14 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome |
|----------------------|---|-------------------------|----------|
| 5.10 | Operation of main switch(es) (functional check) (612.13.2) | N/A | ✓ |
| 5.11 | Manual operation of circuit-breakers and RCDs to prove disconnection (612.13..2) | N/A | ✓ |
| 5.12 | Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (612.13.1) | N/A | ✓ |
| 5.13 | RCD(s) provided for fault protection – includes RCBOs (411.4.9; 411.5.2; 531.2) | N/A | N/A |
| 5.14 | RCD(s) provided for additional protection, where required - includes RCBOs (411.3.3; 415.1) | N/A | ✓ |
| 5.15 | Presence of RCD quarterly test notice at or near equipment, where required (514.12.2) | N/A | ✓ |
| 5.16 | Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) | Item 4 | C3 |
| 5.17 | Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14) | N/A | ✓ |
| 5.18 | Presence of alternative supply warning notice at or near equipment, where required (514.15) | N/A | N/A |
| 5.19 | Presence of next inspection recommendation label (514.12.1) | N/A | ✓ |
| 5.20 | Presence of other required labelling (please specify) (Section 514) | N/A | ✓ |
| 5.21 | Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4, .5, .6; Sections 432, 433) | N/A | ✓ |
| 5.22 | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2) | N/A | ✓ |
| 5.23 | Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.11) | N/A | ✓ |
| 5.24 | Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1) | N/A | ✓ |
| 6.0 | DISTRIBUTION CIRCUITS / FINAL CIRCUITS | | |
| 6.1 | Identification of conductors (514.3.1) | Item 5 | C2 |
| 6.2 | Cables correctly supported throughout their run (522.8.5) | Item 6 | C3 |
| 6.3 | Condition of insulation of live parts (416.1) | N/A | ✓ |
| 6.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) | N/A | N/A |
| 6.5 | Suitability of containment systems for continued use (including flexible conduit) (Section 522) | N/A | ✓ |
| 6.6 | Cables correctly terminated in enclosures (Section 526) | Item 7 | C2 |
| 6.7 | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) | N/A | ✓ |
| 6.8 | Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6) | N/A | ✓ |
| 6.9 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | N/A | ✓ |
| 6.10 | Adequacy of protective devices: type and rated current for fault protection (411.3) | N/A | ✓ |
| 6.11 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | N/A | ✓ |
| 6.12 | Coordination between conductors and overload protective devices (433.1; 533.2.1) | N/A | ✓ |
| 6.13 | Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522) | N/A | ✓ |
| 6.14 | Where exposed to direct sunlight, cable of a suitable type (522.11.1) | N/A | N/A |
| OUTCOMES | | | |
| Acceptable condition | TICK | Unacceptable condition | C1 or C2 |
| | | Improvement recommended | C3 |
| | | Further investigation | FI |
| | | Not verified | N/V |
| | | Limitation | LIM |
| | | Not applicable | N/A |

15 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome | | | | | | | | | | |
|----------------------|--|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| 6.15 | Cables concealed under floors, above ceilings, in walls/partitions less than 50 mm from a surface, and in partitions containing metal parts: | | | | | | | | | | | | |
| 6.15.1 | Installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) or | N/A | LIM | | | | | | | | | | |
| 6.15.2 | Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.204;) | N/A | LIM | | | | | | | | | | |
| 6.16 | Provision of additional protection by 30 mA RCD | | | | | | | | | | | | |
| 6.16.1 | For circuits used to supply mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) | N/A | ✓ | | | | | | | | | | |
| 6.16.2 | For all socket-outlets of rating 20 A or less unless exempt (411.3.3) | N/A | N/A | | | | | | | | | | |
| 6.16.3 | For cables concealed in walls at a depth of less than 50 mm (522.6.202, .203) | N/A | ✓ | | | | | | | | | | |
| 6.16.4 | For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) | N/A | ✓ | | | | | | | | | | |
| 6.17 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | N/A | ✓ | | | | | | | | | | |
| 6.18 | Band II cables segregated/separated from Band I cables (528.1) | N/A | ✓ | | | | | | | | | | |
| 6.19 | Cables segregated/separated from non-electrical services (528.3) | N/A | ✓ | | | | | | | | | | |
| 6.20 | Termination of cables at enclosures – identify/record numbers and locations of items inspected (Section 526) | | | | | | | | | | | | |
| 6.20.1 | Connections under no undue strain (526.6) | item 11 | C3 | | | | | | | | | | |
| 6.20.2 | No basic insulation of a conductor visible outside enclosure (526.8) | N/A | ✓ | | | | | | | | | | |
| 6.20.3 | Connections of live conductors adequately enclosed (526.5) | N/A | ✓ | | | | | | | | | | |
| 6.20.4 | Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) | N/A | ✓ | | | | | | | | | | |
| 6.21 | Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) | Item 8 | C2 | | | | | | | | | | |
| 6.22 | Suitability of circuit accessories for external influences (512.2) | N/A | ✓ | | | | | | | | | | |
| 6.23 | Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2) | N/A | ✓ | | | | | | | | | | |
| 6.24 | Adequacy of connections, including cpc's, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526) | N/A | N/A | | | | | | | | | | |
| 6.25 | Presence, operation and correct location of appropriate devices for isolation and switching (537.2) | N/A | ✓ | | | | | | | | | | |
| 6.26 | General condition of wiring systems (621.2(ii)) | N/A | ✓ | | | | | | | | | | |
| 6.27 | Temperature rating of cable insulation (522.1.1; Table 52.1) | N/A | N/A | | | | | | | | | | |
| 7.0 | ISOLATION AND SWITCHING | | | | | | | | | | | | |
| 7.1 | Isolators (537.2) | | | | | | | | | | | | |
| 7.1.1 | Presence and condition of appropriate devices (537.2.2) | Item 9 | C2 | | | | | | | | | | |
| 7.1.2 | Acceptable location – state if local or remote from equipment in question (537.2.1.5) | N/A | N/A | | | | | | | | | | |
| 7.1.3 | Capable of being secured in the OFF position (537.2.1.2) | N/A | ✓ | | | | | | | | | | |
| 7.1.4 | Correct operation verified (612.13.2) | N/A | ✓ | | | | | | | | | | |
| 7.1.5 | Clearly identified by position and/or durable marking (537.2.2.6) | N/A | ✓ | | | | | | | | | | |
| 7.1.6 | Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.2.1.3) | N/A | N/A | | | | | | | | | | |
| 7.2 | Switching off for mechanical maintenance (537.3) | | | | | | | | | | | | |
| 7.2.1 | Presence and condition of appropriate devices (537.3.1.1) | N/A | ✓ | | | | | | | | | | |
| 7.2.2 | Acceptable location – state if local or remote from equipment in question (537.3.2.4) | N/A | ✓ | | | | | | | | | | |
| OUTCOMES | | | | | | | | | | | | | |
| Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

16 INSPECTION SCHEDULE

| Item | Description | Comment | Outcome |
|-------|--|---------|---------|
| 7.2.3 | Capable of being secured in the OFF position (537.3.2.3) | N/A | ✓ |
| 7.2.4 | Correct operation verified (612.13.2) | N/A | ✓ |
| 7.2.5 | Clearly identified by position and/or durable marking (537.3.2.4) | N/A | ✓ |
| 7.3 | Emergency switching/stopping (537.4) | | |
| 7.3.1 | Presence and condition of appropriate devices (537.4.1.1) | N/A | ✓ |
| 7.3.2 | Readily accessible for operation where danger might occur (537.4.2.5) | N/A | ✓ |
| 7.3.3 | Correct operation verified (537.4.2.6) | N/A | ✓ |
| 7.3.4 | Clearly identified by position and/or durable marking (537.4.2.7) | N/A | ✓ |
| 7.4 | Functional switching (537.5) | | |
| 7.4.1 | Presence and condition of appropriate devices (537.5.1.1) | N/A | ✓ |
| 7.4.2 | Correct operation verified (537.5.1.3; 537.5.2.2) | N/A | ✓ |
| 8.0 | CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED) | | |
| 8.1 | Condition of equipment in terms of IP rating etc (416.2) | N/A | ✓ |
| 8.2 | Equipment does not constitute a fire hazard (Section 421) | N/A | ✓ |
| 8.3 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | N/A | ✓ |
| 8.4 | Suitability for the environment and external influences (512.2) | N/A | ✓ |
| 8.5 | Security of fixing (134.1.1) | N/A | ✓ |
| 8.6 | Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire (indicate extent of sampling in Section 4 of report) | N/A | N/A |
| 8.7 | Recessed luminaires (e.g. downlighters) | | |
| 8.7.1 | Correct type of lamps fitted | N/A | N/A |
| 8.7.2 | Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2) | N/A | N/A |
| 8.7.3 | No signs of overheating to surrounding building fabric (559.4.1) | N/A | N/A |
| 8.7.4 | No signs of overheating to conductors/terminations (526.1) | N/A | N/A |
| 9.0 | LOCATION(S) CONTAINING A BATH OR SHOWER | | |
| 9.1 | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3) | N/A | ✓ |
| 9.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | N/A | N/A |
| 9.3 | Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3) | N/A | N/A |
| 9.4 | Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2) | N/A | N/A |
| 9.5 | Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3) | N/A | N/A |
| 9.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | Item 10 | C2 |
| 9.7 | Suitability of accessories and controlgear etc. for a particular zone (701.512.3) | N/A | N/A |
| 9.8 | Suitability of current-using equipment for particular position within the location (701.55) | N/A | N/A |
| 10.0 | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately the results of particular inspections) | | |
| 10.1 | N/A | N/A | N/A |
| 10.2 | N/A | N/A | N/A |

OUTCOMES

| Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |
|----------------------|------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
|----------------------|------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|

17 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

| Distribution board designation: | | D.B. 1 | | Location: | | Cellar | | Type of Wiring | | O-Other: | | N/A | | | | | | | | | | | | | | |
|---------------------------------|------------------------|----------------|------------------|-------------------------|-------------------------|---------------------|---|--------------------------------|---------|----------|-------------|-----|---------------------------------------|----------------------------------|--|--------------------------|----------------------|---|----------------|----------|--|----------------|-----------------|--|---|-----------------------|
| Circuit number and phase | Circuit designation | Type of wiring | Reference Method | Number of points served | Circuit conductors: csa | | Max disconnect time permitted by BS7671 s | Overcurrent protective devices | | | | RCD | Circuit impedances (Ohms) | | | | | Insulation resistance | | Polarity | Maximum measured earth fault loop impedance Zs Ω | RCD | | | | |
| | | | | | Live mm ² | cpc mm ² | | BS(EN) | Type No | Rating A | Capacity kA | | Operating current, I _{Δn} mA | Maximum Zs permitted by BS7671 Ω | Ring final circuits only (measured end to end) | | | All circuits (one column to be completed) | | | | Live - Live MΩ | Live - Earth MΩ | Disconnection time at I _{Δn} ms | Disconnection time at 5I _{Δn} ms | Test button operation |
| | | | | | | | | | | | | | | | r ₁ (Line) | r _n (Neutral) | r ₂ (cpc) | R ₁ +R ₂ | R ₂ | | | | | | | |
| | Sub main | A | C | 1 | 16 | 16 | 5 | 3036 | N/A | 60 | 4 | N/A | 1.07 | | | | 0.03 | N/A | LIM | > 50 | ✓ | 0.10 | N/A | N/A | N/A | |
| | RCD Module | | | | | | | | | | | 30 | | | | | | | | | | | 34 | 14 | ✓ | |
| 1 | Cooker | A | B/C | 2 | 6 | 2.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | N/A | N/A | N/A | 0.48 | N/A | LIM | > 50 | ✓ | 0.58 | 34 | 14 | ✓ | |
| 2 | Sockets Ground Floor | A | B/C | 8 | 2.5 | 1.5 | 0.4 | 60898 | B | 16 | 6 | 30 | 2.73 | N/A | N/A | N/A | 0.53 | N/A | LIM | > 50 | ✓ | 0.63 | 34 | 14 | ✓ | |
| 3 | Fire Alarm | A | B/C | 1 | 1.5 | 1.0 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | N/A | N/A | N/A | 0.06 | N/A | LIM | > 50 | ✓ | 0.16 | 34 | 14 | ✓ | |
| 4 | Lights | A | B/C | 19 | 1.0 | 1.0 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | N/A | N/A | N/A | 1.47 | N/A | LIM | > 50 | ✓ | 1.57 | 34 | 14 | ✓ | |
| 5 | Lights Cellar / smokes | A | B/C | 7 | 1.0 | 1.0 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | N/A | N/A | N/A | 1.06 | N/A | LIM | > 50 | ✓ | 1.16 | 34 | 14 | ✓ | |
| | RCD Module | | | | | | | | | | | 30 | | | | | | | | | | | 38 | 18 | ✓ | |
| 6 | Shower 8.5KW | A | B/C | 1 | 10 | 4 | 5 | 60898 | B | 40 | 6 | 30 | 1.09 | N/A | N/A | N/A | 0.30 | N/A | LIM | > 50 | ✓ | 0.40 | 38 | 18 | ✓ | |
| 7 | Sockets | A | B/C | 13 | 2.5 | 1.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | 0.73 | 0.68 | 1.41 | 0.56 | N/A | LIM | > 50 | ✓ | 0.66 | 38 | 18 | ✓ | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |

18 BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

| | | | | | |
|---|-------------|---------------|-------|----------------------------------|--------|
| Supply to this distribution board is from: | N/A | No of phases: | N/A | Confirmation of supply polarity: | N/A |
| Overcurrent protective device for the distribution circuit: | BS(EN): N/A | Rating: | N/A A | Nominal Voltage: | N/A V |
| RCD | BS(EN): N/A | No of poles: | N/A | Rating: | N/A mA |
| | | | | Zs: | N/A Ω |
| | | | | Disconnection time at In: | N/A ms |
| | | | | Disconnection time at 5In: | N/A ms |

19 DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

| | | | | | |
|-----------------------------|---------|-----------------------------|-----|-------------|-----|
| Multi-functional: | 2168005 | Insulation resistance: | N/A | Continuity: | N/A |
| Earth electrode resistance: | N/A | Earth fault loop impedance: | N/A | RCD: | N/A |

20 TESTED BY

| | | | | | | | |
|-------|---------------|-----------|----------------------|------------|---|-------|------------|
| Name: | Patrick_Hoyer | Position: | Qualified Supervisor | Signature: |  | Date: | 14/12/2017 |
|-------|---------------|-----------|----------------------|------------|---|-------|------------|

ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

The purpose of this Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in satisfactory condition for continued service (see Section 7). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.

The person ordering the Report should have received the "original" Report and the inspector should have retained a duplicate.

The "original" Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested quarterly. For safety reasons it is important that this instruction is followed.

Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in section 4 - Extent and Limitations on page 1.

For items classified in the observations as C1 ("Danger present"), the safety of those using the installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

For items classified in the observations as C2 ("Potentially dangerous"), the safety of those using the installation may be at risk and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code of C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 8 - Recommendations).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated on page 3 under section 10 'Next Inspection', and on a label at or near to the consumer unit / distribution board.

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with British Standard BS 7671 - Requirements for Electrical Installations

Certificate Reference: KSPH002034

| | | | |
|--|--|---|-------------------------------|
| 1 DETAILS OF THE CLIENT | 2 ADDRESS AND DETAILS OF THE INSTALLATION | | |
| Client: LEEDS FEDERATED HOUSING | Installation: 8 MARLBOROUGH GROVE | Estimated age of electrical installation: 25 years | |
| Address: ARTHINGTON HOUSE 30 WESTFIELD ROAD | Address: LEEDS | Evidence of alterations or additions: YES if yes, estimated age: 3+ years | |
| Postcode: LS31DE | Postcode: LS2 9AJ | Date of previous inspection: 30/07/2014 | Installation Cert number: N/A |
| | | Records of installation available: N/A | Records held by: N/A |

| |
|---|
| 3 PURPOSE OF THE REPORT |
| Purpose for which this report is required: To assess compliance with BS 7671 and establish the safety of the Installation - Clients Request |

| | | | |
|---|--|--|---|
| 4 EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING | | | |
| Extent of the electrical installation covered by this report: | Testing of all fixed wiring only with the exception of any agreed or operational limitations | Agreed and operational limitations of the inspection and testing (include reasons and person agreed with): | See "KPS Limitation Document" Agreed with client. |

The inspection and testing detailed in this report and accompanying schedules has been carried out in accordance with BS 7671:2008 (IET Wiring Regulations), as amended to 2015. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

| | | | |
|--|--------------------------------|------------|------------------|
| 5 DECLARATION | | | |
| I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see section 3), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see section 8) and the attached schedules (see section 16), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see section 4). | | | |
| For the INSPECTION, TESTING AND ASSESSMENT of the report: | | | |
| Name: Patrick_Hoyer | Position: Qualified Supervisor | Signature: | Date: 13/11/2017 |

| | |
|---|-------------------------------|
| 6 DETAILS OF THE ELECTRICAL CONTRACTOR | |
| Trading Title: Engie Regeneration Limited | |
| Address: 1 Bowling Green Terrace Leeds | |
| Postcode: LS11 9SP | |
| Registration Number: 023254 | Telephone Number: 07764449632 |

| | |
|---|--|
| 7 SUMMARY OF THE CONDITION OF THE INSTALLATION | |
| See page 3 for a summary of the general condition of the installation in terms of electrical safety. | |
| Overall assessment of the installation in terms of it's suitability for continued use*: | |
| <div style="border: 2px solid gray; padding: 10px; display: inline-block; margin: 10px auto;">SATISFACTORY</div> | |
| * An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified. | |

8 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached Schedule(s) of Inspections and Test Results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

N/A There are no items adversely affecting electrical safety or The following observations and recommendations are made

| Item No | Observations | Classification Code |
|---------|---|---------------------|
| 1 | Inspection Schedule Item 4.3: Condition of enclosure(s) in terms of IP rating etc (416.2) is recommended for improvement. NON MODULAR BLANKS IN CCU | C3 |
| 2 | Inspection Schedule Item 4.3: Condition of enclosure(s) in terms of IP rating etc (416.2) is in a potentially dangerous condition. Urgent remedial action is required. IP2X FAIL IN BOTTOM OF CCU AND ISOLATOR | C2 |
| 3 | Inspection Schedule Item 4.13: Presence of other required labelling (please specify) (Section 514) is recommended for improvement. - NO CIRCUIT SCHEDULE | C3 |
| 4 | Inspection Schedule Item 5.9: Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) is recommended for improvement. NO FIRE RATED CLIPS IN TRUNKING | C3 |
| 5 | Inspection Schedule Item 5.12.3: For cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203) is recommended for improvement. NO DEPTH PROTECTION TO SUBMAIN | C3 |
| 6 | Inspection Schedule Item 5.8: Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) is recommended for improvement. NO CPC AT CLASS 2 EQUIPMENT - ATTIC LIGHT , SINGLE NEUTRAL HAS NO EARTH RUN WITH IT , HIGHER THAN CALCULATED CPC END TO END FOR SOCKETS | C3 |
| 7 | Inspection Schedule Item 4.14: Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3) is recommended for improvement. 16 AMP MCB PROTECTING 1.5MM CABLE IN TRUNKING | C3 |
| 8 | Inspection Schedule Item 5.17.2: No basic insulation of a conductor visible outside enclosure (526.8) is recommended for improvement. BASIC INSULATION SHOWING AT SOME ACCESSORIES | C3 |
| 9 | Inspection Schedule Item 5.18: Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) is in a potentially dangerous condition. Urgent remedial action is required. 3 SOCKETS HAVE VERY HIGH RESISTANCE | C2 |

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

C1 Danger Present - Risk of injury. Immediate remedial action required
 C2 Potentially dangerous - Urgent remedial action required
 C3 Improvement recommended
 FI Further investigation required without delay

| | |
|--|---|
| Immediate remedial action required for items: N/A | Improvement recommended for items: 1, 3, 4, 5, 6, 7, 8 |
| Urgent remedial action required for items: 2, 9 | Further investigation required for items: N/A |

9 RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.

Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'.

Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

General condition of the installation in terms of electrical safety:

cable and accessories in acceptable condition - SEE OBS FOR MORE INFO,

10 NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

5 Years or change of tenant/owner (Enter interval in terms of years, months or weeks, as appropriate)

provided that any items in section 8 which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see section 8).

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| Earthing Arrangements | | Number and Type of Live Conductors | | Nature of Supply Parameters | | Supply Protective Device | | | | | |
|-----------------------|-------------------------------------|------------------------------------|-------------------------------------|-----------------------------|---------------------------------|--------------------------|--------|--|--------|-------------------------|--------|
| TN-S | N/A | 1-phase (2 wire): | <input checked="" type="checkbox"/> | 1-phase (3 wire): | N/A | Nominal voltage(s): U: | N/A V | Nominal frequency, f: | 50 Hz | BS(EN): | LIM |
| TN-C-S | <input checked="" type="checkbox"/> | 3-phase (3 wire): | N/A | 3-phase (4 wire): | N/A | Uo: | 230 V | External earth fault loop impedance, Ze: | 0.09 Ω | Type: | LIM |
| TT | N/A | Other: | N/A | | Prospective fault current, Ipf: | | 2.6 kA | | | Rated current: | LIM A |
| | | Confirmation of supply polarity: | | | | | | | | Short-circuit capacity: | LIM kA |

12 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

| Means of Earthing | | Details of Installation Earth Electrode (where applicable) | | | | Protective measure(s) against electric shock: | | | |
|---|-------------------------------------|--|--------------------|--|-------------------------------------|---|---|-------------------------------------|-----|
| Distributor's facility: | <input checked="" type="checkbox"/> | Type: | N/A | | Location: | N/A | | | |
| Installation earth electrode: | N/A | Resistance to Earth: | N/A Ω | | Method of measurement: | N/A | | | |
| Main Switch / Switch-Fuse / Circuit-Breaker / RCD | | | | | | If RCD main switch: | | | |
| Type BS(EN): | 5419 Isolator | Current rating: | 60 A | Supply conductors material: | Copper | | Rated residual operating current (IΔn): | N/A mA | |
| Number of poles: | 2 | Fuse/device rating or setting: | 60 A | Supply conductors csa: | 16 mm ² | | Rated time delay: | N/A ms | |
| | | Voltage rating: | 240 V | | | Measured operating time (at IΔn): | | N/A ms | |
| Earthing and Protective Bonding Conductors | | | | Bonding of extraneous-conductive parts | | | | | |
| Earthing conductor | | | | To water installation pipes: | | <input checked="" type="checkbox"/> | | | |
| Conductor material: | Copper | csa: | 16 mm ² | Connection/continuity verified: | <input checked="" type="checkbox"/> | | To gas installation pipes: | <input checked="" type="checkbox"/> | |
| Main protective bonding conductors | | | | To oil installation pipes: | | N/A | | To lightning protection: | N/A |
| Conductor material: | Copper | csa: | 10 mm ² | Connection/continuity verified: | <input checked="" type="checkbox"/> | | To other service(s): | | |
| | | | | To structural steel: | | N/A | | | |

1.3 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

| Item | Description | Comment | Outcome | | | | | | | | | | | |
|----------|---|----------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| 1.0 | DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT | | | | | | | | | | | | | |
| 1.1 | Condition of service cable | N/A | ✓ | | | | | | | | | | | |
| 1.2 | Condition of service head | N/A | ✓ | | | | | | | | | | | |
| 1.3 | Condition of distributor's earthing arrangement | N/A | ✓ | | | | | | | | | | | |
| 1.4 | Condition of tails - Distributor/Consumer | N/A | ✓ | | | | | | | | | | | |
| 1.5 | Condition of metering equipment | N/A | ✓ | | | | | | | | | | | |
| 1.6 | Condition of isolator (where present) | N/A | ✓ | | | | | | | | | | | |
| 2.0 | PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES (551.6; 551.7) | N/A | N/A | | | | | | | | | | | |
| 3.0 | EARTHING / BONDING ARRANGEMENTS (411.3; Chapter 54) | | | | | | | | | | | | | |
| 3.1 | Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2) | N/A | ✓ | | | | | | | | | | | |
| 3.2 | Presence and condition of earth electrode connection where applicable (542.1.2.3) | N/A | N/A | | | | | | | | | | | |
| 3.3 | Provision of earthing/bonding labels at all appropriate locations (514.13.1) | N/A | ✓ | | | | | | | | | | | |
| 3.4 | Confirmation of earthing conductor size (542.3; 543.1.1) | N/A | ✓ | | | | | | | | | | | |
| 3.5 | Accessibility and condition of earthing conductor at MET (543.3.2) | N/A | ✓ | | | | | | | | | | | |
| 3.6 | Confirmation of main protective bonding conductor sizes (544.1) | N/A | ✓ | | | | | | | | | | | |
| 3.7 | Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2) | N/A | ✓ | | | | | | | | | | | |
| 3.8 | Accessibility and condition of other protective bonding connections (543.3.2) | N/A | N/A | | | | | | | | | | | |
| 4.0 | CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) | | | | | | | | | | | | | |
| 4.1 | Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1) | N/A | ✓ | | | | | | | | | | | |
| 4.2 | Security of fixing (134.1.1) | N/A | ✓ | | | | | | | | | | | |
| 4.3 | Condition of enclosure(s) in terms of IP rating etc (416.2) | ITEM 1+2 | C2 | | | | | | | | | | | |
| 4.4 | Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5) | N/A | ✓ | | | | | | | | | | | |
| 4.5 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | N/A | ✓ | | | | | | | | | | | |
| 4.6 | Presence of main linked switch (as required by 537.1.4) | N/A | ✓ | | | | | | | | | | | |
| 4.7 | Operation of main switch (functional check) (612.13.2) | N/A | ✓ | | | | | | | | | | | |
| 4.8 | Manual operation of circuit-breakers and RCD's to prove disconnection (612.13.2) | N/A | ✓ | | | | | | | | | | | |
| 4.9 | Correct identification of circuit details and protective devices (514.8.1; 514.9.1) | N/A | ✓ | | | | | | | | | | | |
| 4.10 | Presence of RCD quarterly test notice at or near consumer unit/distribution board (514.12.2) | N/A | ✓ | | | | | | | | | | | |
| 4.11 | Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14) | N/A | ✓ | | | | | | | | | | | |
| 4.12 | Presence of alternative supply warning at or near consumer unit/distribution board (514.15) | N/A | N/A | | | | | | | | | | | |
| 4.13 | Presence of other required labelling (please specify) (Section 514) | ITEM 3 | C3 | | | | | | | | | | | |
| 4.14 | Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3) | ITEM 7 | C3 | | | | | | | | | | | |
| 4.15 | Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.2) | N/A | ✓ | | | | | | | | | | | |
| 4.16 | Protection against mechanical damage where cables enter consumer unit/distribution board (522.8.1; 522.8.11) | N/A | N/A | | | | | | | | | | | |
| 4.17 | Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1) | N/A | N/A | | | | | | | | | | | |
| 4.18 | RCD(s) provided for fault protection - includes RCBOs (411.4.9; 411.5.2; 531.2) | N/A | N/A | | | | | | | | | | | |
| OUTCOMES | Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

1.4 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

| Item | Description | Comment | Outcome | | | | | | | | | | | |
|----------|--|---------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| 4.19 | RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1) | N/A | ✓ | | | | | | | | | | | |
| 4.20 | Confirmation of indication that SPD is functional (534.2.8) | N/A | N/A | | | | | | | | | | | |
| 4.21 | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) | N/A | ✓ | | | | | | | | | | | |
| 4.22 | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) | N/A | N/A | | | | | | | | | | | |
| 4.23 | Adequate arrangements where a generating set operates in parallel with the public supply (551.7) | N/A | N/A | | | | | | | | | | | |
| 5.0 | FINAL CIRCUITS | | | | | | | | | | | | | |
| 5.1 | Identification of conductors (514.3.1) | N/A | ✓ | | | | | | | | | | | |
| 5.2 | Cables correctly supported throughout their run (522.8.5) | N/A | ✓ | | | | | | | | | | | |
| 5.3 | Condition of insulation of live parts (416.1) | N/A | ✓ | | | | | | | | | | | |
| 5.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) (to include the integrity of conduit and trunking systems in metallic and plastic) | N/A | N/A | | | | | | | | | | | |
| 5.5 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | N/A | ✓ | | | | | | | | | | | |
| 5.6 | Coordination between conductors and overload protective devices (433.1; 533.2.1) | N/A | ✓ | | | | | | | | | | | |
| 5.7 | Adequacy of protective devices: type and rated current for fault protection (411.3) | N/A | ✓ | | | | | | | | | | | |
| 5.8 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | ITEM 6 | C3 | | | | | | | | | | | |
| 5.9 | Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) | ITEM 4 | C3 | | | | | | | | | | | |
| 5.10 | Concealed cables installed in prescribed zones (see Extent and Limitations) (522.6.202) | N/A | LIM | | | | | | | | | | | |
| 5.11 | Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Extent and Limitations) (522.6.204) | N/A | LIM | | | | | | | | | | | |
| 5.12 | Provision of additional protection by RCD not exceeding 30mA: | | | | | | | | | | | | | |
| 5.12.1 | For all socket-outlets of rating 20A or less, unless an exception is permitted (411.3.3) | N/A | ✓ | | | | | | | | | | | |
| 5.12.2 | For supply to mobile equipment not exceeding 32A rating for use outdoors (411.3.3) | N/A | ✓ | | | | | | | | | | | |
| 5.12.3 | For cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203) | ITEM 5 | C3 | | | | | | | | | | | |
| 5.12.4 | For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) | N/A | N/A | | | | | | | | | | | |
| 5.13 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | N/A | ✓ | | | | | | | | | | | |
| 5.14 | Band II cables segregated/separated from Band I cables (528.1) | N/A | N/A | | | | | | | | | | | |
| 5.15 | Cables segregated/separated from communications cabling (528.2) | N/A | ✓ | | | | | | | | | | | |
| 5.16 | Cables segregated/separated from non-electrical services (528.3) | N/A | ✓ | | | | | | | | | | | |
| 5.17 | Termination of cables at enclosures - indicate extent of sampling in Extent and Limitations of the report (Section 526) | | | | | | | | | | | | | |
| 5.17.1 | Connections soundly made and under no undue strain (526.6) | N/A | ✓ | | | | | | | | | | | |
| 5.17.2 | No basic insulation of a conductor visible outside enclosure (526.8) | ITEM 8 | C3 | | | | | | | | | | | |
| 5.17.3 | Connections of live conductors adequately enclosed (526.5) | N/A | ✓ | | | | | | | | | | | |
| 5.17.4 | Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) | N/A | ✓ | | | | | | | | | | | |
| 5.18 | Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) | ITEM 9 | C2 | | | | | | | | | | | |
| 5.19 | Suitability of accessories for external influences (512.2) | N/A | ✓ | | | | | | | | | | | |
| 5.20 | Adequacy of working space/accessibility to equipment (132.12; 513.1) | N/A | ✓ | | | | | | | | | | | |
| 5.21 | Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.2) | N/A | ✓ | | | | | | | | | | | |
| OUTCOMES | Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

15 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

| Item | Description | Comment | Outcome | | | | | | | | | | | |
|----------|---|---------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| 6.0 | ISOLATION AND SWITCHING (ISOLATION, SWITCHING OFF FOR MECHANICAL MAINTENANCE, EMERGENCY STOPPING AND FUNCTIONAL SWITCHING) | | | | | | | | | | | | | |
| 6.1 | In General | | | | | | | | | | | | | |
| 6.1.1 | Presence and condition of appropriate devices (537.2.2) | N/A | ✓ | | | | | | | | | | | |
| 6.1.2 | Correct operation verified (612.13.2) | N/A | ✓ | | | | | | | | | | | |
| 6.2 | For isolation and switching for mechanical maintenance only | | | | | | | | | | | | | |
| 6.2.1 | Capable of being secured in the OFF position where appropriate (537.2.1.2) | N/A | ✓ | | | | | | | | | | | |
| 6.2.2 | Acceptable location - state if local or remote from equipment being controlled where appropriate (537.2.1.5) | LOCAL | ✓ | | | | | | | | | | | |
| 6.2.3 | Clearly identified by position and/or durable marking(s) (537.2.2.6) | N/A | ✓ | | | | | | | | | | | |
| 6.3 | For isolation only | | | | | | | | | | | | | |
| 6.3.1 | Warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.2.1.3) | N/A | N/A | | | | | | | | | | | |
| 6.4 | For emergency switching/stopping only | | | | | | | | | | | | | |
| 6.4.1 | Readily accessible for operation where danger might occur (537.4.2.5) | N/A | ✓ | | | | | | | | | | | |
| 7.0 | CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED) | | | | | | | | | | | | | |
| 7.1 | Condition of equipment in terms of IP rating (416.2) | ITEM 10 | C2 | | | | | | | | | | | |
| 7.2 | Equipment does not constitute a fire hazard (Section 421) | N/A | ✓ | | | | | | | | | | | |
| 7.3 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | N/A | ✓ | | | | | | | | | | | |
| 7.4 | Suitability for the environment and external influences (512.2) | N/A | ✓ | | | | | | | | | | | |
| 7.5 | Security of fixing (134.1.1) | N/A | ✓ | | | | | | | | | | | |
| 7.6 | Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire List number and location of luminaires inspected. (Separate page) | N/A | N/A | | | | | | | | | | | |
| 7.7 | Recessed luminaires (downlighters) | | | | | | | | | | | | | |
| 7.7.1 | Correct type of lamps fitted | N/A | N/A | | | | | | | | | | | |
| 7.7.2 | Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2) | N/A | N/A | | | | | | | | | | | |
| 7.7.3 | No signs of overheating to surrounding building fabric (559.4.1) | N/A | N/A | | | | | | | | | | | |
| 7.7.4 | No signs of overheating to conductors/terminations (526.1) | N/A | N/A | | | | | | | | | | | |
| 8.0 | LOCATION(S) CONTAINING A BATH OR SHOWER | | | | | | | | | | | | | |
| 8.1 | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3) | N/A | ✓ | | | | | | | | | | | |
| 8.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | N/A | N/A | | | | | | | | | | | |
| 8.3 | Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3) | N/A | N/A | | | | | | | | | | | |
| 8.4 | Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2) | N/A | N/A | | | | | | | | | | | |
| 8.5 | Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from Zone 1 (701.512.3) | N/A | N/A | | | | | | | | | | | |
| 8.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | N/A | ✓ | | | | | | | | | | | |
| 8.7 | Suitability of accessories and controlgear etc. for a particular zone (701.512.3) | N/A | ✓ | | | | | | | | | | | |
| 8.8 | Suitability of current-using equipment for particular position within the location (701.55) | N/A | ✓ | | | | | | | | | | | |
| 9.0 | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately the results of particular inspections applied.) | | | | | | | | | | | | | |
| 9.1 | N/A | N/A | N/A | | | | | | | | | | | |
| 9.2 | N/A | N/A | N/A | | | | | | | | | | | |
| OUTCOMES | Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

16 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Designation of consumer unit: **D.B. 1** Location: **HALLWAY STORE** Prospective fault current: **1.5 kA** Type of Wiring **O-Other:** **N/A**

| Circuit number | Circuit designation | Type of wiring | Reference Method | Number of points served | Circuit conductors: csa | | | Overcurrent protective devices | | | | | RCD | Circuit impedances (Ohms) | | | | | Insulation resistance | | Polarity | Maximum measured earth fault loop impedance Zs | RCD | | | |
|----------------|---------------------|----------------|------------------|-------------------------|-------------------------|------------------------|--|--------------------------------|---------|-------------|----------------|--|------|---|--|-----------------------------|-------------------------|---|-----------------------|-------------------|----------|--|--------------------|---|--|-----------------------|
| | | | | | Live mm ² | cpc mm ² | Max disconnect time permitted by BS7671 s | BS(EN) | Type No | Rating A | Capacity kA | Operating current, I _{Δn} mA | | Maximum Z _s permitted by BS7671 Ω | Ring final circuits only (measured end to end) | | | All circuits (one column to be completed) | | Live - Live MΩ | | | Live - Earth MΩ | Disconnection time at I _{Δn} ms | Disconnection time at 5I _{Δn} ms | Test button operation |
| | | | | | | | | | | | | | | | r ₁ (Line) | r _n (Neutral) | r ₂ (cpc) | R ₁ +R ₂ | R ₂ | | | | | | | |
| 1 | COOKER | A | C | 2 | 6 | 2.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | | | | 0.33 | N/A | LIM | 89 | ✓ | 0.49 | 35 | 13 | ✓ | |
| 2 | DOWN SOCKETS | A | C | 10 | 2.5 | 1.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | 0.44 | 0.44 | 0.93 | 0.58 | N/A | LIM | 89 | ✓ | 0.74 | 35 | 13 | ✓ | |
| 3 | UP SOCKETS | A | C | 7 | 2.5 | 1.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | 0.38 | 0.38 | 0.63 | 0.48 | N/A | LIM | 89 | ✓ | 0.64 | 35 | 13 | ✓ | |
| 4 | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | SMOKES | A | B/C | 5 | 1.5 | 1 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | | | | 0.80 | N/A | LIM | 89 | ✓ | 0.96 | 35 | 13 | ✓ | |
| | RCD | | | | | | | 61008 | | 80 | | 30 | 1667 | | | | | | | | | | 26 | 11 | ✓ | |
| 6 | SHOWER | A | C | 1 | 10 | 4 | 5 | 60898 | B | 40 | 6 | 30 | 1.09 | | | | 0.04 | N/A | LIM | 89 | ✓ | 0.20 | 26 | 11 | ✓ | |
| 7 | DOWN LIGHTS | A | C | 7 | 1 | 1 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | | | | 2.38 | N/A | LIM | 89 | ✓ | 2.54 | 26 | 11 | ✓ | |
| 8 | UP LIGHTS | A | C | 12 | 1.5 | 1 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | | | | 1.38 | N/A | LIM | 89 | ✓ | 1.54 | 26 | 11 | ✓ | |
| 9 | CELLAR LIGHTS | A | C | 3 | 1.5 | 1 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | | | | 0.62 | N/A | LIM | 89 | ✓ | 0.78 | 26 | 11 | ✓ | |
| 10 | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | |
|----------------------------|-----------------------------|---------|-----------------------------|-----|-------------|-----|
| 17 TEST INSTRUMENTS | Multi-functional: | 2015005 | Insulation resistance: | N/A | Continuity: | N/A |
| | Earth electrode resistance: | N/A | Earth fault loop impedance: | N/A | RCD: | N/A |

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

The purpose of this Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in satisfactory condition for continued service (see Section 7). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.

The person ordering the Report should have received the "original" Report and the inspector should have retained a duplicate.

The "original" Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested quarterly. For safety reasons it is important that this instruction is followed.

Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in section 4 - Extent and Limitations on page 1.

For items classified in the observations as C1 ("Danger present"), the safety of those using the installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

For items classified in the observations as C2 ("Potentially dangerous"), the safety of those using the installation may be at risk and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code of C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 8 - Recommendations).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated on page 3 under section 10 'Next Inspection', and on a label at or near to the consumer unit / distribution board.

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with British Standard BS 7671 - Requirements for Electrical Installations

Certificate Reference: KSPH002031

| | | | |
|--|--|--|---------------------------------|
| 1 DETAILS OF THE CLIENT | 2 ADDRESS AND DETAILS OF THE INSTALLATION | | |
| Client: LEEDS FEDERATED HOUSING | Installation: 20 MARLBOROUGH GROVE | Estimated age of electrical installation: 25 years | |
| Address: ARTHINGTON HOUSE 30 WESTFIELD ROAD | Address: LEEDS | Evidence of alterations or additions: YES | if yes, estimated age: 3+ years |
| Postcode: LS31DE | Postcode: LS2 9AJ | Date of previous inspection: N/A | Installation Cert number: N/A |
| | | Records of installation available: N/A | Records held by: N/A |

| |
|---|
| 3 PURPOSE OF THE REPORT |
| Purpose for which this report is required: To assess compliance with BS 7671 and establish the safety of the Installation - Clients Request |

| | | | |
|---|--|--|--|
| 4 EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING | | | |
| Extent of the electrical installation covered by this report: | Testing of all fixed wiring only with the exception of any agreed or operational limitations | Agreed and operational limitations of the inspection and testing (include reasons and person agreed with): | See "KPS Limitation Document" Agreed with client. NO ACCESS TO BEDROOM (ATTIC) AS DOOR LOCKED |

The inspection and testing detailed in this report and accompanying schedules has been carried out in accordance with BS 7671:2008 (IET Wiring Regulations), as amended to 2015. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

| | | | |
|--|--------------------------------|------------|------------------|
| 5 DECLARATION | | | |
| I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see section 3), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see section 8) and the attached schedules (see section 16), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see section 4). | | | |
| For the INSPECTION, TESTING AND ASSESSMENT of the report: | | | |
| Name: Patrick_Hoyer | Position: Qualified Supervisor | Signature: | Date: 13/11/2017 |

| | |
|---|-------------------------------|
| 6 DETAILS OF THE ELECTRICAL CONTRACTOR | |
| Trading Title: Engie Regeneration Limited | |
| Address: 1 Bowling Green Terrace Leeds | |
| Postcode: LS11 9SP | |
| Registration Number: 023254 | Telephone Number: 07764449632 |

| | |
|---|--|
| 7 SUMMARY OF THE CONDITION OF THE INSTALLATION | |
| See page 3 for a summary of the general condition of the installation in terms of electrical safety. | |
| Overall assessment of the installation in terms of it's suitability for continued use*: | |
| <div style="border: 2px solid gray; padding: 10px; display: inline-block; margin: 10px auto; width: 150px;">SATISFACTORY</div> | |
| * An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified. | |

8 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached Schedule(s) of Inspections and Test Results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

N/A There are no items adversely affecting electrical safety or The following observations and recommendations are made

| Item No | Observations | Classification Code |
|---------|---|---------------------|
| 1 | Inspection Schedule Item 4.3: Condition of enclosure(s) in terms of IP rating etc (416.2) is in a potentially dangerous condition. Urgent remedial action is required. IP2X FAIL IN BOTTOM OF CCU AND ISOLATOR | C2 |
| 2 | Inspection Schedule Item 5.9: Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) is recommended for improvement. NO FIRE RATED CLIPS IN TRUNKING WHERE REQUIRED | C3 |
| 3 | Inspection Schedule Item 4.14: Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3) is recommended for improvement. MIXED MANUFACTURES IN CCU | C3 |
| 4 | Inspection Schedule Item 5.5: Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) is recommended for improvement. 9KW SHOWER FED BY 6MM CABLE IN TRUNKING | C3 |
| 5 | Inspection Schedule Item 5.12.3: For cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203) is recommended for improvement. NO DEPTH PROTECTION TO SUBMAIN | C3 |
| 6 | Inspection Schedule Item 5.8: Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) is in a potentially dangerous condition. Urgent remedial action is required. NO CPC END TO END RESULT FOR SOCKETS | C2 |
| 7 | Inspection Schedule Item 5.18: Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) is in a potentially dangerous condition. Urgent remedial action is required. COOKER SWITCH FAULTY - HIGH RESISTANCE THROUGH SWITCH | C2 |
| 8 | Inspection Schedule Item 5.8: Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) is recommended for improvement. NO CPC RUN WITH SINGLE NEUTRAL CONDUCTOR FOR LIGHTING. CPC AT EVERY POINT , HIGHER THAN CALCULATED CPC END TO END FOR SOCKETS | C3 |
| 9 | Inspection Schedule Item 4.13: Presence of other required labelling (please specify) (Section 514) is recommended for improvement. - NO CIRCUIT SCHEDULE | C3 |

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

C1 Danger Present
- Risk of injury. Immediate remedial action required

C2 Potentially dangerous
- Urgent remedial action required

C3 Improvement
recommended

FI Further investigation
required without delay

Immediate remedial action
required for items:

N/A

Improvement

recommended for items:

2, 3, 4, 5, 8, 9

Urgent remedial action
required for items:

1, 6, 7

Further investigation

required for items:

N/A

9 RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.

Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'.

Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

General condition of the installation in terms of electrical safety:

cable and accessories in acceptable condition - SEE OBS FOR MORE INFO,

10 NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

5 Years or change of tenant/owner (Enter interval in terms of years, months or weeks, as appropriate)

provided that any items in section 8 which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see section 8).

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

| Earthing Arrangements | | Number and Type of Live Conductors | | Nature of Supply Parameters | | | Supply Protective Device | | | | |
|-----------------------|-------------------------------------|------------------------------------|-------------------------------------|-----------------------------|---------------------------------|------------------------|--------------------------|--|---|-------------------------------------|-----|
| TN-S | N/A | 1-phase (2 wire): | <input checked="" type="checkbox"/> | 1-phase (3 wire): | N/A | Nominal voltage(s): U: | N/A V | Nominal frequency, f: | 50 Hz | BS(EN): | LIM |
| TN-C-S | <input checked="" type="checkbox"/> | 3-phase (3 wire): | N/A | 3-phase (4 wire): | N/A | Uo: | 230 V | External earth fault loop impedance, Ze: | 0.09 Ω | Type: | LIM |
| TT | N/A | Other: | N/A | | Prospective fault current, Ipf: | | | 2.7 kA | Rated current: LIM A Short-circuit capacity: LIM kA | | |
| | | Confirmation of supply polarity: | | | | | | | | <input checked="" type="checkbox"/> | |

12 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

| Means of Earthing | | Details of Installation Earth Electrode (where applicable) | | | | Protective measure(s) against electric shock: | |
|---|-------------------------------------|--|-------------------------|--|-------------------------------------|---|-------------------------------------|
| Distributor's facility: | <input checked="" type="checkbox"/> | Type: | N/A | Location: | N/A | ADS | |
| Installation earth electrode: | N/A | Resistance to Earth: | N/A Ω | Method of measurement: | N/A | Maximum Demand (Load): 55 Amps | |
| Main Switch / Switch-Fuse / Circuit-Breaker / RCD | | | | | | If RCD main switch: | |
| Type BS(EN): | 5419 Isolator | Current rating: | 60 A | Supply conductors material: | Copper | Rated residual operating current (IΔn): | N/A mA |
| Number of poles: | 2 | Fuse/device rating or setting: | 60 A | Supply conductors csa: | 16 mm ² | Rated time delay: | N/A ms |
| | | | | | | Measured operating time (at IΔn): | N/A ms |
| Earthing and Protective Bonding Conductors | | | | Bonding of extraneous-conductive parts | | | |
| Earthing conductor | Conductor material: Copper | | csa: 16 mm ² | Connection/continuity verified: | <input checked="" type="checkbox"/> | To water installation pipes: | <input checked="" type="checkbox"/> |
| Main protective bonding conductors | Conductor material: Copper | | csa: 10 mm ² | Connection/continuity verified: | <input checked="" type="checkbox"/> | To oil installation pipes: | N/A |
| | | | | To structural steel: | N/A | To gas installation pipes: | <input checked="" type="checkbox"/> |
| | | | | | | To lightning protection: | N/A |
| | | | | | | To other service(s): | N/A |

1.3 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

| Item | Description | Comment | Outcome | | | | | | | | | | | |
|----------|---|---------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| 1.0 | DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT | | | | | | | | | | | | | |
| 1.1 | Condition of service cable | N/A | ✓ | | | | | | | | | | | |
| 1.2 | Condition of service head | N/A | ✓ | | | | | | | | | | | |
| 1.3 | Condition of distributor's earthing arrangement | N/A | ✓ | | | | | | | | | | | |
| 1.4 | Condition of tails - Distributor/Consumer | N/A | ✓ | | | | | | | | | | | |
| 1.5 | Condition of metering equipment | N/A | ✓ | | | | | | | | | | | |
| 1.6 | Condition of isolator (where present) | N/A | ✓ | | | | | | | | | | | |
| 2.0 | PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES (551.6; 551.7) | N/A | N/A | | | | | | | | | | | |
| 3.0 | EARTHING / BONDING ARRANGEMENTS (411.3; Chapter 54) | | | | | | | | | | | | | |
| 3.1 | Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2) | N/A | ✓ | | | | | | | | | | | |
| 3.2 | Presence and condition of earth electrode connection where applicable (542.1.2.3) | N/A | N/A | | | | | | | | | | | |
| 3.3 | Provision of earthing/bonding labels at all appropriate locations (514.13.1) | N/A | ✓ | | | | | | | | | | | |
| 3.4 | Confirmation of earthing conductor size (542.3; 543.1.1) | N/A | ✓ | | | | | | | | | | | |
| 3.5 | Accessibility and condition of earthing conductor at MET (543.3.2) | N/A | ✓ | | | | | | | | | | | |
| 3.6 | Confirmation of main protective bonding conductor sizes (544.1) | N/A | ✓ | | | | | | | | | | | |
| 3.7 | Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2) | N/A | ✓ | | | | | | | | | | | |
| 3.8 | Accessibility and condition of other protective bonding connections (543.3.2) | N/A | N/A | | | | | | | | | | | |
| 4.0 | CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) | | | | | | | | | | | | | |
| 4.1 | Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1) | N/A | ✓ | | | | | | | | | | | |
| 4.2 | Security of fixing (134.1.1) | N/A | ✓ | | | | | | | | | | | |
| 4.3 | Condition of enclosure(s) in terms of IP rating etc (416.2) | ITEM 1 | C2 | | | | | | | | | | | |
| 4.4 | Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5) | N/A | ✓ | | | | | | | | | | | |
| 4.5 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | N/A | ✓ | | | | | | | | | | | |
| 4.6 | Presence of main linked switch (as required by 537.1.4) | N/A | ✓ | | | | | | | | | | | |
| 4.7 | Operation of main switch (functional check) (612.13.2) | N/A | ✓ | | | | | | | | | | | |
| 4.8 | Manual operation of circuit-breakers and RCD's to prove disconnection (612.13.2) | N/A | ✓ | | | | | | | | | | | |
| 4.9 | Correct identification of circuit details and protective devices (514.8.1; 514.9.1) | N/A | ✓ | | | | | | | | | | | |
| 4.10 | Presence of RCD quarterly test notice at or near consumer unit/distribution board (514.12.2) | N/A | ✓ | | | | | | | | | | | |
| 4.11 | Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14) | N/A | ✓ | | | | | | | | | | | |
| 4.12 | Presence of alternative supply warning at or near consumer unit/distribution board (514.15) | N/A | N/A | | | | | | | | | | | |
| 4.13 | Presence of other required labelling (please specify) (Section 514) | ITEM 9 | C3 | | | | | | | | | | | |
| 4.14 | Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3) | ITEM 3 | C3 | | | | | | | | | | | |
| 4.15 | Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.2) | N/A | ✓ | | | | | | | | | | | |
| 4.16 | Protection against mechanical damage where cables enter consumer unit/distribution board (522.8.1; 522.8.11) | N/A | N/A | | | | | | | | | | | |
| 4.17 | Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1) | N/A | N/A | | | | | | | | | | | |
| 4.18 | RCD(s) provided for fault protection - includes RCBOs (411.4.9; 411.5.2; 531.2) | N/A | N/A | | | | | | | | | | | |
| OUTCOMES | Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

1.4 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

| Item | Description | Comment | Outcome | | | | | | | | | | | |
|----------|--|----------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| 4.19 | RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1) | N/A | ✓ | | | | | | | | | | | |
| 4.20 | Confirmation of indication that SPD is functional (534.2.8) | N/A | N/A | | | | | | | | | | | |
| 4.21 | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) | N/A | ✓ | | | | | | | | | | | |
| 4.22 | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) | N/A | N/A | | | | | | | | | | | |
| 4.23 | Adequate arrangements where a generating set operates in parallel with the public supply (551.7) | N/A | N/A | | | | | | | | | | | |
| 5.0 | FINAL CIRCUITS | | | | | | | | | | | | | |
| 5.1 | Identification of conductors (514.3.1) | N/A | ✓ | | | | | | | | | | | |
| 5.2 | Cables correctly supported throughout their run (522.8.5) | N/A | ✓ | | | | | | | | | | | |
| 5.3 | Condition of insulation of live parts (416.1) | N/A | ✓ | | | | | | | | | | | |
| 5.4 | Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) (to include the integrity of conduit and trunking systems in metallic and plastic) | N/A | N/A | | | | | | | | | | | |
| 5.5 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | ITEM 4 | C3 | | | | | | | | | | | |
| 5.6 | Coordination between conductors and overload protective devices (433.1; 533.2.1) | N/A | ✓ | | | | | | | | | | | |
| 5.7 | Adequacy of protective devices: type and rated current for fault protection (411.3) | N/A | ✓ | | | | | | | | | | | |
| 5.8 | Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) | ITEM 6+8 | C2/C3 | | | | | | | | | | | |
| 5.9 | Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) | ITEM 2 | C3 | | | | | | | | | | | |
| 5.10 | Concealed cables installed in prescribed zones (see Extent and Limitations) (522.6.202) | N/A | LIM | | | | | | | | | | | |
| 5.11 | Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Extent and Limitations) (522.6.204) | N/A | LIM | | | | | | | | | | | |
| 5.12 | Provision of additional protection by RCD not exceeding 30mA: | | | | | | | | | | | | | |
| 5.12.1 | For all socket-outlets of rating 20A or less, unless an exception is permitted (411.3.3) | N/A | ✓ | | | | | | | | | | | |
| 5.12.2 | For supply to mobile equipment not exceeding 32A rating for use outdoors (411.3.3) | N/A | ✓ | | | | | | | | | | | |
| 5.12.3 | For cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203) | ITEM 5 | C3 | | | | | | | | | | | |
| 5.12.4 | For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) | N/A | N/A | | | | | | | | | | | |
| 5.13 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | N/A | ✓ | | | | | | | | | | | |
| 5.14 | Band II cables segregated/separated from Band I cables (528.1) | N/A | N/A | | | | | | | | | | | |
| 5.15 | Cables segregated/separated from communications cabling (528.2) | N/A | ✓ | | | | | | | | | | | |
| 5.16 | Cables segregated/separated from non-electrical services (528.3) | N/A | ✓ | | | | | | | | | | | |
| 5.17 | Termination of cables at enclosures - indicate extent of sampling in Extent and Limitations of the report (Section 526) | | | | | | | | | | | | | |
| 5.17.1 | Connections soundly made and under no undue strain (526.6) | N/A | ✓ | | | | | | | | | | | |
| 5.17.2 | No basic insulation of a conductor visible outside enclosure (526.8) | N/A | ✓ | | | | | | | | | | | |
| 5.17.3 | Connections of live conductors adequately enclosed (526.5) | N/A | ✓ | | | | | | | | | | | |
| 5.17.4 | Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) | N/A | ✓ | | | | | | | | | | | |
| 5.18 | Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii)) | ITEM 7 | C2 | | | | | | | | | | | |
| 5.19 | Suitability of accessories for external influences (512.2) | N/A | ✓ | | | | | | | | | | | |
| 5.20 | Adequacy of working space/accessibility to equipment (132.12; 513.1) | N/A | ✓ | | | | | | | | | | | |
| 5.21 | Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.2) | N/A | ✓ | | | | | | | | | | | |
| OUTCOMES | Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

15 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

| Item | Description | Comment | Outcome | | | | | | | | | | | |
|----------|---|---------|------------------------|----------|-------------------------|----|-----------------------|----|--------------|-----|------------|-----|----------------|-----|
| 6.0 | ISOLATION AND SWITCHING (ISOLATION, SWITCHING OFF FOR MECHANICAL MAINTENANCE, EMERGENCY STOPPING AND FUNCTIONAL SWITCHING) | | | | | | | | | | | | | |
| 6.1 | In General | | | | | | | | | | | | | |
| 6.1.1 | Presence and condition of appropriate devices (537.2.2) | N/A | ✓ | | | | | | | | | | | |
| 6.1.2 | Correct operation verified (612.13.2) | N/A | ✓ | | | | | | | | | | | |
| 6.2 | For isolation and switching for mechanical maintenance only | | | | | | | | | | | | | |
| 6.2.1 | Capable of being secured in the OFF position where appropriate (537.2.1.2) | N/A | ✓ | | | | | | | | | | | |
| 6.2.2 | Acceptable location - state if local or remote from equipment being controlled where appropriate (537.2.1.5) | LOCAL | ✓ | | | | | | | | | | | |
| 6.2.3 | Clearly identified by position and/or durable marking(s) (537.2.2.6) | N/A | ✓ | | | | | | | | | | | |
| 6.3 | For isolation only | | | | | | | | | | | | | |
| 6.3.1 | Warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.2.1.3) | N/A | N/A | | | | | | | | | | | |
| 6.4 | For emergency switching/stopping only | | | | | | | | | | | | | |
| 6.4.1 | Readily accessible for operation where danger might occur (537.4.2.5) | N/A | ✓ | | | | | | | | | | | |
| 7.0 | CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED) | | | | | | | | | | | | | |
| 7.1 | Condition of equipment in terms of IP rating (416.2) | N/A | ✓ | | | | | | | | | | | |
| 7.2 | Equipment does not constitute a fire hazard (Section 421) | N/A | ✓ | | | | | | | | | | | |
| 7.3 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | N/A | ✓ | | | | | | | | | | | |
| 7.4 | Suitability for the environment and external influences (512.2) | N/A | ✓ | | | | | | | | | | | |
| 7.5 | Security of fixing (134.1.1) | N/A | ✓ | | | | | | | | | | | |
| 7.6 | Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire List number and location of luminaires inspected. (Separate page) | N/A | N/A | | | | | | | | | | | |
| 7.7 | Recessed luminaires (downlighters) | | | | | | | | | | | | | |
| 7.7.1 | Correct type of lamps fitted | N/A | N/A | | | | | | | | | | | |
| 7.7.2 | Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2) | N/A | N/A | | | | | | | | | | | |
| 7.7.3 | No signs of overheating to surrounding building fabric (559.4.1) | N/A | N/A | | | | | | | | | | | |
| 7.7.4 | No signs of overheating to conductors/terminations (526.1) | N/A | N/A | | | | | | | | | | | |
| 8.0 | LOCATION(S) CONTAINING A BATH OR SHOWER | | | | | | | | | | | | | |
| 8.1 | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3) | N/A | ✓ | | | | | | | | | | | |
| 8.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | N/A | N/A | | | | | | | | | | | |
| 8.3 | Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3) | N/A | N/A | | | | | | | | | | | |
| 8.4 | Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2) | N/A | N/A | | | | | | | | | | | |
| 8.5 | Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from Zone 1 (701.512.3) | N/A | N/A | | | | | | | | | | | |
| 8.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | N/A | ✓ | | | | | | | | | | | |
| 8.7 | Suitability of accessories and controlgear etc. for a particular zone (701.512.3) | N/A | ✓ | | | | | | | | | | | |
| 8.8 | Suitability of current-using equipment for particular position within the location (701.55) | N/A | ✓ | | | | | | | | | | | |
| 9.0 | OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately the results of particular inspections applied.) | | | | | | | | | | | | | |
| 9.1 | N/A | N/A | N/A | | | | | | | | | | | |
| 9.2 | N/A | N/A | N/A | | | | | | | | | | | |
| OUTCOMES | Acceptable condition | TICK | Unacceptable condition | C1 or C2 | Improvement recommended | C3 | Further investigation | FI | Not verified | N/V | Limitation | LIM | Not applicable | N/A |

16 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Designation of consumer unit: **D.B. 1** Location: **UPSTAIRS STORE** Prospective fault current: **2.1 kA** Type of Wiring **O-Other:** **N/A**

| Circuit number | Circuit designation | Type of wiring | Reference Method | Number of points served | Circuit conductors: csa | | Max disconnect time permitted by BS7671 s | Overcurrent protective devices | | | | RCD | Maximum Z _s permitted by BS7671 Ω | Circuit impedances (Ohms) | | | | | Insulation resistance | | Polarity | Maximum measured earth fault loop impedance Z _s Ω | RCD | | | |
|----------------|---------------------|----------------|------------------|-------------------------|-------------------------|---------------------|---|--------------------------------|---------|----------|-------------|-----|--|---------------------------------------|--|--------------------------|----------------------|---|-----------------------|----------------|----------|--|-----------------|--|---|-----------------------|
| | | | | | Live mm ² | cpc mm ² | | BS(EN) | Type No | Rating A | Capacity kA | | | Operating current, I _{Δn} mA | Ring final circuits only (measured end to end) | | | All circuits (one column to be completed) | | Live - Live MΩ | | | Live - Earth MΩ | Disconnection time at I _{Δn} ms | Disconnection time at 5I _{Δn} ms | Test button operation |
| | | | | | | | | | | | | | | | r ₁ (Line) | r _n (Neutral) | r ₂ (cpc) | R ₁ +R ₂ | R ₂ | | | | | | | |
| | SUBMAIN | A | C | 1 | 16 | 16/6 | 5 | 1361 | 1 | 60 | 16.5 | N/A | 0.67 | | | | 0.02 | N/A | LIM | > 200 | ✓ | 0.11 | N/A | N/A | N/A | |
| | RCD | | | | | | | 61008 | | 63 | | 30 | 1667 | | | | | | | | | | | 35 | 13 | ✓ |
| 1 | SHOWER 9KW | A | B/C | 1 | 6 | 2.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | | | | 0.26 | N/A | LIM | 62 | ✓ | 0.37 | 35 | 13 | ✓ | |
| 2 | SOCKETS UP/ATTIC | A | C | 7 | 2.5 | 1.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | 0.45 | 0.45 | 1.10 | 0.45 | N/A | LIM | 62 | ✓ | 0.56 | 35 | 13 | ✓ | |
| 3 | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | LIGHTS+FAN | A | B/C | 4 | 1.5 | 1 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | | | | 0.68 | N/A | LIM | 62 | ✓ | 0.79 | 35 | 13 | ✓ | |
| 5 | DOWN LIGHTS | A | B/C | 13 | 1.5 | 1 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | | | | 1.86 | N/A | LIM | 62 | ✓ | 1.97 | 35 | 13 | ✓ | |
| | RCD | | | | | | | 61008 | | 80 | | 30 | 1667 | | | | | | | | | | | 36 | 13 | ✓ |
| 6 | KITCHEN SOCKETS | A | B/C | 9 | 2.5 | 1.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | 0.29 | 0.29 | 0.50 | 0.43 | N/A | LIM | 62 | ✓ | 0.54 | 36 | 13 | ✓ | |
| 7 | COOKER | A | B/C | 1 | 6 | 2.5 | 0.4 | 60898 | B | 32 | 6 | 30 | 1.37 | | | | 0.22 | N/A | LIM | 62 | ✓ | 0.33 | 36 | 13 | ✓ | |
| 8 | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | SOCKETS DOWN | A | B/C | 6 | 2.5 | 1.5 | 0.4 | 60898 | B | 20 | 6 | 30 | 2.19 | | | | 0.53 | N/A | LIM | 62 | ✓ | 0.64 | 36 | 13 | ✓ | |
| 10 | HEATING | A | B/C | 1 | 2.5 | 1.5 | 0.4 | 60898 | B | 6 | 6 | 30 | 7.28 | | | | 0.25 | N/A | LIM | 62 | ✓ | 0.36 | 36 | 13 | ✓ | |

| | | | | | | |
|----------------------------|-----------------------------|---------|-----------------------------|-----|-------------|-----|
| 17 TEST INSTRUMENTS | Multi-functional: | 2015005 | Insulation resistance: | N/A | Continuity: | N/A |
| | Earth electrode resistance: | N/A | Earth fault loop impedance: | N/A | RCD: | N/A |

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

The purpose of this Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in satisfactory condition for continued service (see Section 7). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.

The person ordering the Report should have received the "original" Report and the inspector should have retained a duplicate.

The "original" Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested quarterly. For safety reasons it is important that this instruction is followed.

Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in section 4 - Extent and Limitations on page 1.

For items classified in the observations as C1 ("Danger present"), the safety of those using the installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

For items classified in the observations as C2 ("Potentially dangerous"), the safety of those using the installation may be at risk and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code of C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 8 - Recommendations).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated on page 3 under section 10 'Next Inspection', and on a label at or near to the consumer unit / distribution board.