BUILDING 8, WYVERN BARRACKS, BARRACK ROAD, EXETER







RECA WYVERN BARRACKS

6440

Post code: EX2 6AE

Certificate No.

Address

Electrical installation condition report requested by client

Date(s) on which inspection and testing was carried out 08/01/2020

ION C: DETAILS OF THE INSTALLATION THAT IS THE SUBJECT OF THIS REPORT

| Occupier: | BUILDING 8 - \ | MYVERN I | BARRACK | Address: | BUILDING 8, WYVE | EXETER | | | | |
|---|----------------------|-----------|---------|----------|------------------|----------------|---------|-----------|--|--|
| Details of prem | ilses: | Commerc | ial | | | Post code: | EX2 6AE | | | |
| Estimated age | of wiring: | >15 Years | 5 | | | Additional Det | ails | N/A | | |
| Evidence of ad | Iditions/alterations | : | Yes | | | Yes, estimate | age: | >5 Years | | |
| Installations record available? (Regulation 621.1): | | 21.1): | No | | Date of last ins | spection: | 0 | 6/01/2020 | | |

ECTION D: EXTENT AND LIMITATIONS OF INSPECTING AND TESTING

Extent of electrical installation covered by this report:

Visual inspection of suppliers terminal equipment, inspection & test of main protective & supplementary bonding & final circuits. Due to limitation of access, lighting circuits may be tested at the switch. Supplies not provided by a distributor (e.g. photovoltaic) are excluded.

Agreed limitations including the reasons (Regulation 634.2):

Testing to be carried out in accordance with GN3 guidelines.

No disturbance of building fabric, fittings or sealed covers. No testing of boiler controls & circuits, emergency lighting, fire & intruder alarms and portable appliances. L-L IR test where practicable.

not been inspected unless specifically agreed between the client and inspector prior to the inspection. Inspection of accessible roof space housing other electrical

Operational Limitations including the reasons

Client Agreed with:

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671: 2018 (IET Wiring Regulations). 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

ECTION E: SUMMARY OF THE CONDITION OF THE INSTALLATION

equipment only if practicable. 11 Limitation (LIM) 5.201101

General condition of the installation (in terms of safety):

On completion of any remedial works, the installation would be generally satisfactory

Overall assessment of the installation in terms of its suitability for continued use:

*An unsatisfactory assessment indicates that dangerous (code C1) and/or potentially dangerous (code C2) and/or further investigation has been deemed required (code FI) conditions have been identified.

Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY, I/we recommend that any observations classed 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' (code FI). Observations classified as 'Improvements recommended' (code C3) should be given due

Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by:

05/01/2020

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 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 the 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 by:

M.Esposito

Signature

M.ESPOSITO Position:

Date:

06/01/2020

Authorised/Reviewed by

Reviewed by:

Tim Latter

Signature:

Position: Date:

M.ESPOSITO

06/01/2020

Schedule(s) of inspection and

3

Schedule(s) of test results are attached

The attached schedules are part of this document and this report is valid only when they are attached to it

No. of C2 codes:_ 1

No. of C3 codes:_ 1

Total No. of DBs:

| eferring to the attached schedule of inspection and test results, and subject to the limitations specified in the Extent & Limitations of Inspection and Testing section. Classification bservations (continued on additional form if required) | | Certificate No. | 6440 | Occupier | BUILDING 8 - WYVERI | N BARRACK |
|--|--|------------------------|-------------------|-----------------|----------------------|----------------|
| bservations (continued on additional form if required) GENERAL - WARNING LABLES MISSING FROM DB'S Classification Code Code C3 | SECTION K: OBSERVATIONS AND READINGS | | | | | |
| bservations (continued on additional form if required) GENERAL - WARNING LABLES MISSING FROM DB'S C3 | Referring to the attached schedule of inspection and test results, and subject to the limitations | s specified in the Ext | ent & Limitations | of Inspection a | and Testing section. | |
| GENERAL - WARNING LABLES MISSING FROM DB'S C3 | | | | | | Classification |
| inchedule of Inspections Page 2; hom Number 6-1, has been issued Code C2 22 23 24 25 26 27 27 28 28 28 28 28 28 28 28 | Observations (continued on additional form if required) GENERAL - WARNING LABLES MISSING FROM DB'S | | | | | |
| | | | | | | C2 |
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One of the following codes, as appropriate, has been allocated to each of the observations made to indicate the degree of urgency of remedial action required.

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.

Certificate No. 6440

BUILDING 8 - WYVERN BARRACK Occupier

Inspected by:

M.ESPOSITO

Outcomes:

Acceptable condition

Unacceptable condition ОК

C1 or C2

Further investigation

Not verified N/V

Limitation LIM

Not applicable

N/A

This certificate was created using U Certify Electrics Pro, This form is based on the model shown in Appendix 6 of BS 7671:2018. Page: 4 of 9 (Original)

| Item No. | Description | Outcome |
|-------------|---|---------|
| 1.0 | DISTRIBUTOR'S / SUPPY INTAKE EQUIPMENT | |
| 1.1 | Condition of service cable | N/V |
| 1.2 | Condition of service head | N/V |
| 1.3 | Condition of distributer's earthing arrangement | N/V |
| 1.4 | Condtion of meter tails - Distributor/Consumer | N/V |
| 1.5 | Condition of metering equipment | N/V |
| 1.6 | Condition of isolator (where present) | N/V |
| 2.0 | PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES e.g. MICROGENERATORS (551.6; 551.7) | N/A |
| 3.0 | EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54) | |
| 3.1 | Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2) | ОК |
| 3.2 | Presence and condition of earth electrode connection where applicable (542.1.2.3) | N/A |
| 3.3 | Provision of earthing / bonding labels at all appropriate locations (514.13) | OK |
| 3.4 | Confirmation of earthing conductor size (542.3; 543.1.1) | OK |
| 3.5 | Accessibility and condition of earthing conductor at MET (543.3.2) | OK |
| 3.6 | Condition of Confirmation of main protective bonding conductor sizes (544.1) f isolator (where present) | OK |
| 3.7 | Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2) | OK |
| 3.8 | Accessibility and condition of all protective bonding connections (543.3.2) | OK |
| 4.0 | CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) | |
| 4.1 | Adequacy of working space / accessibility to consumer unit / distribution board (132.12; 513.1) | ОК |
| 4.2 | Security of fixing (134.1.1) | OK |
| 4.3 | Condition of enclosure(s) in terms of IP rating etc (416.2) | OK |
| 4.4 | Condition of enclosure(s) in terms of fire rating etc (421.1.201;526.5) | OK |
| 4.5 | Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) | ОК |
| 4.6 | Presence of main linked switch (as required by 537.1.4) | OK |
| 4.7 | Operation of main switch (functional check) (612.13.2) | ОК |
| 4.8 | Manual operation of circuit-breakers and RCDs to prove disconnection (612.13.2) | ОК |
| 4.9 | Correct identification of circuit details and protective devices (514.8.1; 514.9.1) | OK |
| 4.10 | Presence of RCD quarterly test notice at or near consumer unit / distribution board (514.12.2) | OK |
| 4.11 | Presence of non-standard (mixed) cable colour warning notice at or near consumer unit / distribution board (514.14) | OK |
| 4.12 | Presence of alternative supply warning notice at or near consumer unit / distribution board (514.15) | OK |
| 4.13 | Presence of other required labelling (please specify) (Section 514) | OK |
| 4.14 | Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or | OK |
| 4.15 | Single-pole protective devices in line conductor only (132.14.1; 530.3.2) | OK |
| 4.16 | Protection against mechanical damage where cables enter consumer unit / distribution board (522.8.1; 522.8.11) | OK |
| 4.17 | Protection against electromagnetic effects where cables enter consumer unit / distribution board / enclosures (521.5.1) | OK |
| 4.18 | RCD(s) provided for fault protection - includes RCBOs (411.4.9; 411.5.2; 531.2) | OK |
| 4.19 | RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1) | OK |
| 4.20 | Confirmation of indication that SPD is functional (534.2.8) | OK |
| 4.21 | Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and | LIM |
| 4.22 | Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) | N/A |
| 4.23 | Adequate arrangements where a generating set operates in parallel with public supply (551.7) | N/A |

Certificate No. 6440

BUILDING 8 - WYVERN BARRACK Occupier

Inspected by:

M.ESPOSITO

Acceptable condition Unacceptable condition Further investigation Not verified Not applicable C1 or C2 Outcomes: OK N/V Limitation LIM N/A

Item No.

| 0. | Description | Outcome |
|------|--|---------|
| 5.0 | FINAL CIRCUITS | |
| 5.1 | Identification of conductors (514.3.1) | ОК |
| 5.2 | Cables correctly supported throughout their run (522.8.5) | LIM |
| 5.3 | Condition of insulation of live parts (416.1) | OK |
| 5.4 | Non-sheathed cables protected by enclosure in conduit, duct or trunking (521.10.1) | OK |
| | To include the integrity of conduit and trunking systems (metallic and plastic) | OK |
| 5.5 | Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) | OK |
| 5.6 | Co-ordination between conductors and overload protective devices (433.1; 533.2.1) | OK |
| 5.7 | Adequacy of protective devices: type and rated current for fault protection (411.3) | OK |
| 5.8 | Presence and adequacy of circuit protective conductors (411.3.1.1; Section 543.1) | OK |
| 5.9 | Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) | OK |
| 5.10 | Concealed cables installed in prescribed zones (see Section D: Extent and limitations) (522.6.101) | LIM |
| 5.11 | Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section D. Extent and | LIM |
| 5.12 | Provision of additional protection by RCD not exceeding 30 mA: | |
| | • For all socket-outlets of rating 20 A or less provided for use by ordinary persons unless an exception is permitted (411.3.3) | ОК |
| | • For supply to mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) | OK |
| | For cables concealed in walls at a depth of less than 50mm (522.6.203) | OK |
| | | OK |
| | For cables concealed in walls /partitions containing metal parts regardless of depth (522.6.203) Final circuits supplying luminaires within a domestic (household) premises (411.3.4) | OK |
| 5.13 | Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) | OK |
| 5.14 | Band II cables segregated / separated from Band I cables (528.1) | OK |
| 5.15 | | OK |
| | Cables segregated / separated from communications cabling (528.2) | |
| 5.16 | Cables segregated / separated from non-electrical services (528.3) | OK |
| 5.17 | Termination of cables at enclosures - indicate extent of sampling in Section D of the report (Section 526) | 10% |
| | Connections soundly made and under no undue strain (526.6) | OK |
| | No basic insulation of a conductor visible outside enclosure (526.8) | OK |
| | Connections of live conductors adequately enclosed (526.5) | ОК |
| | Adequately connected at point of entry to enclosure (glands, bushes, etc.) (522.8.5) | ОК |
| 5.18 | Condition of accessories including socket-outlets, switches and joint boxes (621.2(iii)) | OK |
| 5.19 | Suitability of accessories for external influences (512.2) | OK |
| 5.20 | Adequency of working space/accessibility to equipment (132.12;513.1) | OK |
| 5.21 | Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.2) | ОК |
| 6.0 | LOCATION(S) CONTAINING A BATH OR SHOWER | |
| 6.1 | Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3) | C2 |
| 6.2 | Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) | ОК |
| 6.3 | Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3) | ОК |
| 6.4 | Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2) | ОК |
| 6.5 | Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1 (701.512.3) | ОК |
| 6.6 | Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) | ОК |
| 6.7 | Suitability of equipment for installation in a particular zone (701.512.3) | ОК |
| 6.8 | Suitability of current-using equipment for a particular position within the location (701.55) | ОК |
| 7.0 | OTHER PART 7 SPECIAL INSTALL ATIONS OR LOCATIONS | |
| 7.1 | List other special installations or locations present, if any (record separately theresults of particular inspections applied). | N/A |
| | y: M.Esposito. Signature: Date: | |

| ELE | CTRICAL | L INSTALLATION CONDITIO | N RE | PORT | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------------|---|---------|-------|-----------|------------------------|-------------|----------------|------------------|-----------|------------------|----------|-----------|--------------|---------|----------|-----|-------------------------------|-------------|-------------|----------|-----------|------|-------|-----------------|--------------------|--|------------------------|--------------|
| | | | | | _ | (| Certificate | e No. | 6440 | | | | | | | | | | | est instrui | | | | | | | | | |
| Occ | cupier: | BUILDING 8 - WYVERN BARRACK | | | Cir | cuits and | d/or insta | alled equ | ipment v | ulnerable | to dama | age whe | n testing | : | | | | Cor | ntinuity | | | N/A | | | | | | | |
| DB | Reference: | ISO SPLITTER | | | | | | | | | | | | | | | | Ins | ulation F | Resistanc | æ | N/A | | | WE | <u> </u> | ex | 7 | |
| DB | Location: | ENTRANCE WAY | | | Fe | ed from: | | | PILLAR | С | | | Rating: | | 63 | | | Ear | th fault l | oop impe | edance | N/A | | | R | ESPONSE | | | |
| Con | mpany: | Wessex Response | | | D | B Switch | : | [| 88 | | Type: 2 | 2 | Nomina | l Voltage | : 230 |) | ~ | RC | D | | | N/A | | | N E | | ₩EC | Α | |
| | | Correct polarity of supply confirme | d: | ~ | D | B Manuf | acturer/1 | Гуре: | FEDER/ | L ELECT | RIC | | Phases | : | Sing | gle Phas | е | Ear | th electr | ode resis | stance | N/A | | | RPPR CONTI | OVED RACTOR | Representing the land is engineering and building | n electrical | |
| | Phase | e sequence confirmed (where appropriate | e): - | | - In: | spected | by: | | M.ESPO | SITO | | | | | | | | Mu | ltifunctio | n | | 1013562 | 11 | | | | | | |
| Zs a | at DB (Ω) | LIM lpf at DB (kA) 0 No. o | of Ways | 1 | | | | _ | | | Signat | ure: | M | 9 | 5 | - | AR | | | | 06/01 | 1/2020 | | _ | | | s Over CC | | |
| | ,,, | | 1 | | | | | | | | | | | | 7 | | | | | | | | | | - Red ce | Il indicate | s Max Zs | exceede | d |
| | | | | | | | | | | | | | | | | (R1+F | 22) | | le est | ation | | 7- | | | | | | | |
| | | | | Prote | ective De | evice | | | Con | ductor De | etails | | Ring | Continuit | y (Ω) | R2 | (Ω) | | | tance | Polarity | Zs (Ω) | | RCE |) (ms) | | AFDD | Ren | narks |
| | | | | | | | | | | | | | | | | | | est | | | | | | | | | obe - | ਫ਼ | |
| | | | | | | <u>₹</u> | | | | | | | | | | | | ance. | | | | | | | tion | | puttor | Zs (| |
| L | | | | | | Breaking Capacity (kA) | | _ | thod | | | | | | | | | V (Insulation resistance test | | | | | | | operation | Disconnection Time | Manual AFDD test button op | Maximum Permitted Zs (| |
| gm n | per | | | | _ | Cap | _ | Wiring | e Me | | 2 | 2 | | = | | _ | | tion r | ø | | | | | | | ction | G. | n Per | tions |
| Circuit Number | Line Number | | BS (EN | 0 | Rating(A) | aking | RCD (ma) | Type of Wiring | Reference Method | Ring [<] | Live (mm2 | Cpc (mm2 | r1 (Line) | rn (Neutral) | r2 (Cpc | (R1 + R2 | | ısula | Live - Live | ш | ✓ | | 5 | Δn | Test button | Sonno | Mal A | imun | Observations |
| Ö | Lii | Circuit Description | BS (| Type | Pati | Bre | 5 | 交 | Ref | .iii | L _Y e | Š | ₽ = | E | 20 | Œ | R2 | > | Ľš. | Lye. | or X | Ω | @[Kn | @5l∆n | T _{es} | Disc | Man | Ş. | 9 S |
| 1 | SUI | B MAINS DB1, SUB MAINS DB 2 | 88 | 2 | 63 | 80 | N/A | D | В | ~ | 16 | 10 | N/A | N/A | N/A | LIM | N/A | 500 | LIM | LIM | [/] ~ | 0.23 | N/A | N/A | ~ | 0.4 | N/A V | N/A | |
| | | | | | | | | | | ~ | | | | | | | | | | | ~ | • | | | ~ | | ~ | | |
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| ELECTRICAL | L INSTALLATION CONDITIO | N REPORT | | | | | | | | | | | | | |
|---------------|---|-----------|-------------------------|----------------------|-------------------|-------------------------|--------------|--------------------------|----------------------|-----------|----------|--|---------------------|--|---------------------|
| | | | Certificate | No. 6440 | | | | De | tails of test instru | ıments | | | | | |
| Occupier: | BUILDING 8 - WYVERN BARRACK | | Circuits and/or install | ad aguinment vulnara | blo to damago wh | on tooting: | | Co | ntinuity | | N/A | | | | |
| DB Reference: | DB 1 | | Circuits and/or install | ed equipment vuinera | able to damage wh | en tesung. | | Ins | sulation Resistan | ce [| N/A | | wess | ex. | 7 |
| DB Location: | ENTRANCE WAY | | Fed from: | ISO SPLITTER | 2 | Rating: | 100 | Ea | rth fault loop imp | edance | N/A | | RESPONS | · // | 4 |
| Company: | Wessex Response | | DB Switch: | 60947 | Type: 3 | Nominal Voltage: | 230 ~ | RO | D | [| N/A | | NEELE | % EC/ | Д |
| | Correct polarity of supply confirme | ed: ✓ ✓ | DB Manufacturer/Ty | pe: WYLEX | | Phases: | Single Phase | Ea | rth electrode resi | istance | N/A | | APPROVED CONTRACTOR | Representing the land in ele- engineering and building se | ectrical envices |
| Phas | e sequence confirmed (where appropriate | e): - | Inspected by: | M.ESPOSITO | | | | Mu | ultifunction | | 10135621 | 1 | | | |
| Zs at DB (Ω) | 0.23 lpf at DB (kA) 1 No. (| | | Signature: | MES | 2001 7 | > | | 06/01 | /2020 | | - Red cell indicate - Red cell indicate | | | |
| | | | | | | | | | | | | | | | |
| | | ve Device | Conductor | Details | Ring Continuity (| Ω) (R1+R2) or R2 (Ω) | | Insulation Resistance | Polarity | Zs (Ω) | RO | CD (ms) | AFDD | Remark | |

| | Protective Dev | | | | | | Conductor Details | | | | | | Continuit | y (Ω) | (R1+F R2 | R2) or (Ω) | | Insul Resist | | Polarity | Zs (Ω) | | RCE |) (ms) | | AFDD | Re | emarks |
|----------------|---|---------|------|-----------|------------------------|---------|-------------------|------------------|-----------------------|-----------|----------|-----------|--------------|----------|-------------|---------------|---------------------------------|-----------------|----------|--------------|-----------|---------------|-------|-------------------------|--------------------|-----------------------------|-------------------------|--------------|
| Circuit Number | ابات المعاونة المعاو | BS (EN) | Type | Rating(A) | Breaking Capacity (kA) | RCD (ma | Type of Wiring | Reference Method | Ring [✔] | Live (mm2 | Cpc (mm2 | r1 (Line) | rn (Neutral) | r2 (Cpcl | (R1+R2 | R2 | V (Insulation resistance test v | Live - Live | Live - E | √ or X | Ω | @\ <u>\</u> n | @5lΔn | Test button operation 🗸 | Disconnection Time | Manual AFDD test button ope | Maximum Permitted Zs (Ω | Observations |
| 1 | DISH WASHER | 60898 | В | 16 | 6 | N/A | D | В | \ \ - | 4 | 4 | N/A | N/A | N/A | 0.18 | N/A | 500 | LIM | >199 | [/] ~ | 0.41 | N/A | N/A | ~ | 0.4 | N/A \ | × 2.73 | |
| 2 | HEATING PANEL | 60898 | В | 20 | 6 | N/A | D | В | ~ | 4 | 4 | N/A | N/A | N/A | 0.21 | N/A | 500 | LIM | >199 | [√] ∨ | 0.44 | N/A | N/A | ~ | 0.4 | N/A \ | × 2.19 | |
| 3 | LTS FEMALE WC | 60898 | В | 6 | 6 | N/A | D | В | ~ | 1.5 | 1.5 | N/A | N/A | N/A | 0.48 | N/A | 500 | LIM | >199 | [/] ~ | 0.71 | N/A | N/A | ~ | 0.4 | N/A | v 7.28 | |
| 4 | LTS CORRIDOR RM 2/3 | 60898 | В | 6 | 6 | N/A | D | В | ~ | 1.5 | 1.5 | N/A | N/A | N/A | 0.12 | N/A | 500 | LIM | >199 | [/] ~ | 0.35 | N/A | N/A | ~ | 0.4 | N/A \ | v 7.28 | |
| 5 | LTS CORRIDOR/STAIRS | 60898 | В | 6 | 6 | N/A | D | В | ~ | 1.5 | 1.5 | N/A | N/A | N/A | 0.36 | N/A | 500 | LIM | >199 | [√] ∨ | 0.59 | N/A | N/A | ~ | 0.4 | N/A \ | v 7.28 | |
| 6 | LTS RM 6/8 | 60898 | В | 6 | 6 | N/A | D | В | ~ | 1.5 | 1.5 | N/A | N/A | N/A | 0.57 | N/A | 500 | LIM | >199 | [/] ~ | 0.80 | N/A | N/A | ~ | 0.4 | N/A \ | v 7.28 | |
| 7 | LTS RM 7 | 60898 | В | 6 | 6 | N/A | D | В | ~ | 1.5 | 1.5 | N/A | N/A | N/A | 0.54 | N/A | 500 | LIM | >199 | [/] ~ | 0.77 | N/A | N/A | ~ | 0.4 | N/A \ | v 7.28 | |
| 8 | FIRE ALARM | 60898 | В | 6 | 6 | N/A | D | В | ~ | 2.5 | 2.5 | N/A | N/A | N/A | 0.13 | N/A | 500 | LIM | >199 | [/] ~ | 0.36 | N/A | N/A | ~ | 0.4 | N/A \ | v 7.28 | |
| 9 | UNKNOWN | 60898 | В | 16 | 6 | N/A | D | В | ~ | 2.5 | 2.5 | N/A | N/A | N/A | FI | N/A | 500 | LIM | LIM | ~ | FI | N/A | N/A | ~ | 0.4 | N/A \ | v 2.73 | |
| 10 | SPARE | - | - | - | - | - | | - | ~ | - | - | - | - | - | - | - | - | - | | ~ | - | - | - | ~ | | | ~ | |
| 11 | RCD PROTECTED CIRCUITS BELOW | 61008 | N/A | 80 | N/A | 30 | | - | ~ | - | - | - | - | - | - | - | - | - | | [/] ~ | - | 36 | 16 | [/] ~ | 0.2 | | v 1667 | |
| 12 | SKTS RM 1 | 60898 | В | 32 | 6 | N/A | В | В | [/] ~ | 2.5 | 2.5 | 0.56 | 0.56 | N/V | 0.18 | N/A | 500 | LIM | >199 | [/] ~ | 0.41 | N/A | N/A | ~ | 0.4 | N/A \ | v 1.37 | , |
| 13 | RING FOR HAND DRYERS | 60898 | В | 32 | 6 | N/A | В | В | [/] / | 2.5 | 2.5 | 0.47 | 0.47 | N/V | 0.24 | N/A | 500 | LIM | >199 | [/] ~ | 0.47 | N/A | N/A | ~ | 0.4 | N/A \ | v 1.37 | |
| 14 | SKTS RM 2/3 | 60898 | В | 32 | 6 | N/A | В | В | [/] ~ | 2.5 | 2.5 | 0.44 | 0.44 | N/V | 0.32 | N/A | 500 | LIM | >199 | [/] ~ | 0.55 | N/A | N/A | ~ | 0.4 | N/A \ | v 1.37 | |
| 15 | SKTS RM 6.7.8 | 60898 | В | 32 | 6 | N/A | В | В | [/] ~ | 2.5 | 2.5 | 0.58 | 0.58 | N/V | 0.25 | N/A | 500 | LIM | >199 | [/] ~ | 0.48 | N/A | N/A | ~ | 0.4 | N/A \ | v 1.37 | |
| 16 | SKTS KITCHEN | 60898 | В | 32 | 6 | N/A | В | В | [/] ~ | 2.5 | 2.5 | 0.55 | 0.55 | N/V | 0.16 | N/A | 500 | LIM | >199 | [/] ~ | 0.39 | N/A | N/A | ~ | 0.4 | N/A \ | v 1.37 | |
| 17 | HAND DRYER | 60898 | В | 16 | 6 | N/A | В | В | ~ | 1.5 | 1.5 | N/A | N/A | N/A | 0.21 | N/A | 500 | LIM | >199 | [/] ~ | 0.44 | N/A | N/A | ~ | 0.4 | N/A | v 2.73 | |
| 18 | SPARE | | - | | | | | - | ~ | | - | - | | - | | | | | | ~ | | | - | ~ | | | ~ | |

| ELECTRICAL | L INSTALLATION CONDITIO | N REPORT | | | | | | | | | | | | | |
|---------------|---|-----------|-------------------------|----------------------|---------------------|-------------------------|--------------|--------------------------|----------------------|-----------|----------|--|---------------------|--|---------------------|
| | | | Certificate | No. 6440 | | | | De | tails of test instru | ments | | | | | |
| Occupier: | BUILDING 8 - WYVERN BARRACK | | Circuits and/or install | ad an inwent where | ble to damage wh | on tostina. | | Cor | ntinuity | 1 | N/A | | | | |
| DB Reference: | DB 2 | | Circuits and/or install | ed equipment vuinera | able to damage writ | en tesung. | | Ins | ulation Resistanc | ce I | N/A | | wess | ex. | 7 |
| DB Location: | 1ST FLOOR LANDING | | Fed from: | ISO SPLITTER | 2 | Rating: | 100 | Ear | th fault loop impe | edance | N/A | | RESPONSE | - // | 4 |
| Company: | Wessex Response | | DB Switch: | 60947 | Type: 3 | Nominal Voltage: | 230 ~ | RC | D | 1 | N/A | | N EEE | & ECA | Д |
| | Correct polarity of supply confirme | ed: ✓ ✓ | DB Manufacturer/Ty | ype: WYLEX | | Phases: | Single Phase | Ear | th electrode resi | stance | N/A | | APPROVED CONTRACTOR | Representing the best in ele- engineering and building se | ectrical envices |
| Phase | e sequence confirmed (where appropriate | e): - | Inspected by: | M.ESPOSITO | | | | Mu | ltifunction | | 10135621 | 1 | | | |
| Zs at DB (Ω) | 0.23 lpf at DB (kA) 1 No. (| | | Signature: | MES | 2001 1 | > | | 06/01 | /2020 | | - Red cell indicate - Red cell indicate | | | |
| | | | | | | | | | | | | | | | |
| | | ve Device | Conductor | Details | Ring Continuity (| Ω) (R1+R2) or R2 (Ω) | | Insulation Resistance | Polarity | Zs (Ω) | RC | CD (ms) | AFDD | Remark | |

| | | | Protective Device | | | | Conductor Details | | | | | | Continuit | y (Ω) | (R1+F R2 | R2) or (Ω) | | Insul Resist | | Polarity | Zs (Ω) | | RCD |) (ms) | | AFDD | Re | emarks |
|----------------|---------------------------------------|---------|-------------------|-----------|------------------------|---------|-------------------|------------------|-----------------------|-----------|----------|-----------|--------------|----------|-------------|---------------|---------------------------------|-----------------|----------|-----------------------|-----------|---------------|-------|-------------------------|--------------------|-----------------------------|--------------------------|--------------|
| Circuit Number | B B B B B B B B B B B B B B B B B B B | BS (EN) | Type | Rating(A) | Breaking Capacity (kA) | RCD (ma | Type of Wiring | Reference Method | Ring [✔] | Live (mm2 | Cpc (mm2 | r1 (Line) | rn (Neutral) | r2 (Cpcl | (R1+R2 | R2 | V (Insulation resistance test v | Live - Live | Live - E | √ or X | Ω | @\ <u>\</u> n | @5lΔn | Test button operation 🗸 | Disconnection Time | Manual AFDD test button ope | Maximum Permitted Zs (Ω) | Observations |
| 1 | DATA HUB | 60898 | В | 16 | 6 | N/A | С | В | ~ | 2.5 | 2.5 | N/A | N/A | N/A | 0.02 | N/A | 500 | LIM | >199 | [√] ~ | 0.25 | N/A | N/A | ~ | 0.4 | N/A \ | 2.73 | |
| 2 | LTS TRAINING ROOM/LOBBY | 60898 | В | 6 | 6 | N/A | D | В | ~ | 1.5 | 1.5 | N/A | N/A | N/A | 0.22 | N/A | 500 | LIM | >199 | [/] ~ | 0.45 | N/A | N/A | ~ | 0.4 | N/A \ | 7.28 | |
| 3 | LTS MALE WC | 60898 | В | 6 | 6 | N/A | D | В | ~ | 1.5 | 1.5 | N/A | N/A | N/A | 0.39 | N/A | 500 | LIM | >199 | [/] ~ | 0.62 | N/A | N/A | ~ | 0.4 | N/A \ | 7.28 | |
| 4 | LTS LOBBY | 60898 | В | 6 | 6 | N/A | D | В | ~ | 1.5 | 1.5 | N/A | N/A | N/A | 0.23 | N/A | 500 | LIM | >199 | [/] ~ | 0.46 | N/A | N/A | ~ | 0.4 | N/A \ | 7.28 | |
| 5 | LTS OFFICE RHS | 60898 | В | 6 | 6 | N/A | D | В | \ | 1.5 | 1.5 | N/A | N/A | N/A | 0.35 | N/A | 500 | LIM | >199 | [/] ~ | 0.58 | N/A | N/A | ~ | 0.4 | N/A \ | 7.28 | |
| 6 | LTS LHS AND END | 60898 | В | 6 | 6 | N/A | D | В | ~ | 1.5 | 1.5 | N/A | N/A | N/A | 0.52 | N/A | 500 | LIM | >199 | [\sqrt{]} \rightarrow | 0.75 | N/A | N/A | ~ | 0.4 | N/A \ | 7.28 | |
| 7 | OUTSIDE LTS | 60898 | В | 6 | 6 | N/A | F | В | ~ | 1.5 | 1.5 | N/A | N/A | N/A | LIM | N/A | 500 | LIM | LIM | [\sqrt{]} \rightarrow | LIM | N/A | N/A | ~ | 0.4 | N/A \ | 7.28 | |
| 8 | SPARE | - | - | - | - | - | | - | ~ | - | - | - | - | - | - | - | - | - | | ~ | - | - | - | ~ | | \ | / | |
| 9 | SPARE | - | - | - | - | - | | - | \ | - | - | - | - | - | - | - | - | - | | ~ | - | - | - | ~ | | \ | , | |
| 10 | SPARE | - | | | | | | - | ~ | | - | - | | - | - | - | - | - | | ~ | | | - | ~ | | \ | , | |
| 11 | RCD PROTECTED CIRCUITS BELOW | 61008 | N/A | 80 | 6 | 30 | | - | ~ | | - | - | | - | - | - | - | - | | [/] ~ | - | 36 | 14 | [√] ~ | 0.2 | \ | / 1667 | |
| 12 | RCD PROTECTED CIRCUITS BELOW | 61008 | N/A | 80 | 6 | 30 | | - | ~ | | _ | - | - | - | - | - | - | - | | [/] ~ | - | 36 | 14 | [√] ~ | 0.2 | \ | / 1667 | |
| 13 | COOKER | 60898 | В | 32 | 6 | N/A | В | В | ~ | 6 | 0.4 | N/A | N/A | N/A | 0.14 | N/A | 500 | LIM | >199 | [/] ~ | 0.37 | N/A | N/A | ~ | 0.4 | N/A \ | / 1.37 | |
| 14 | RING FOR HAND DRYER | 60898 | В | 32 | 6 | N/A | В | В | [/] / | 2.5 | 0.4 | N/V | N/V | N/V | 0.32 | N/A | 500 | LIM | >199 | [/] ~ | 0.55 | N/A | N/A | ~ | 0.4 | N/A \ | / 1.37 | |
| 15 | SKTS RHS OF BUILDING | 60898 | В | 32 | 6 | N/A | В | В | [/] / | 2.5 | 0.4 | N/V | N/V | N/V | 0.47 | N/A | 500 | LIM | >199 | [√] ~ | 0.70 | N/A | N/A | ~ | 0.4 | N/A \ | 1.37 | |
| 16 | SKTS LHS BUILDING | 60898 | В | 32 | 6 | N/A | В | В | [/] / | 2.5 | 0.4 | N/V | N/V | N/V | 0.47 | N/A | 500 | LIM | >199 | [√] ~ | 0.71 | N/A | N/A | ~ | 0.4 | N/A \ | 1.37 | |
| 17 | WATER HEATER | 60898 | В | 32 | 6 | N/A | В | В | [v] v | 2.5 | 0.4 | N/V | N/V | N/V | 0.19 | N/A | 500 | LIM | >199 | [/] ~ | 0.42 | N/A | N/A | ~ | 0.4 | N/A \ | / 1.37 | |
| 18 | SPARE | | - | | | | | - | ~ | | | | - | - | | | - | | | ~ | | - | | ~ | | \ | / | |

B8 WYVERN BARRACKS BUILDING 8 EICR

These schematics were created using U-Certify Electrics Pro as approximate estimates and should not be taken as exact.

