



Engineering Services Laboratory
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Asbestos Management Survey

Site Address:	Boscastle Gateway Building Boscastle Visitor Centre Boscastle Cornwall	Surveyors:	Dave Matthews Lin Noble
UPRN number:	15897	Report prepared by:	Paul Laban
Project number:	76812	Date of survey:	11/09/2012
		Report Date:	14/09/2012

Executive Summary

A management survey has been undertaken within the Boscastle Gateway Building Toilets, in which no asbestos materials have been identified.

Access was not possible within pipe boxing and ceiling voids throughout the property due to the fixed covering that would need to be damaged to enable inspection. It is thought that the property may have been built post 2000, if this can be proven it can be assumed asbestos is not present within the areas not accessed.

If any future refurbishment/ work is to be undertaken within the building a more comprehensive Refurbishment Survey may be required prior to the work commencing.

Introduction

Scope of work, purpose, aims and objectives:

To complete an asbestos survey within the Boscastle Gateway Building Toilets a block built toilet block with pitched roof in order to comply with Control of Asbestos Regulations 2012 (CAR 2012). The survey was carried out by CORMAC Solutions Engineering Services Laboratory on behalf of Roger Westcott, CORMAC Solutions.

The purpose and aim of this survey was to locate, as far as reasonably practicable, the presence and extent of any suspected Asbestos Containing Material's (ACM's) in the areas inspected/surveyed which could be damaged or disturbed during normal occupancy, including foreseeable maintenance and installation, and to assess their condition.

Representative samples are collected and analysed using polarised light microscopy. If, when tested, the material was found to contain asbestos, material assessment algorithms are assigned to assess the potential risk of fibre release (taken from HSG264). Other similar homogenous material used for the same purpose was also presumed to contain asbestos (strongly presumed).

Method

A management survey, carried out in accordance with Health & Safety Executives publication HSG264 'Asbestos: The survey guide' and the in-house 'Asbestos Surveying Technical Procedure A1', has been conducted on the areas listed below at the above site.

Areas Included In Survey (See attached plan Appendix 1)

The areas included in survey were:

- See Table 3

All other areas of the site, except those listed above, were not surveyed and are therefore not included within this report.

Inaccessible/ Excluded Areas

The areas included in the survey brief that could not be accessed were:

- See Table 3

The areas excluded from the survey (i.e. not reasonably practicable to access during the survey):

- concealed spaces which may exist within the fabric of the building where the extent and presence of these is not evident due to inaccessibility or insufficient knowledge of the structure at the time of the survey;
- fixed voids (under floors, within walls or above fixed ceilings, where the act of surveying/sampling would damage the fabric of the building);
- within live electrical equipment/ general equipment where the act of sampling would endanger the surveyor or affect the functional integrity of the item concerned. For example; fuses within electrical boxes, gaskets, fire doors, ropes associated with heating, glazing or power plant etc.

Any inaccessible/excluded areas must be presumed to contain asbestos, unless there is strong evidence that it does not. If access is required to these items the client must provide access/isolation certificates before areas/electrical appliances are inspected.

Survey Results/Findings

For survey results see Table 1 (within Appendix 2). This table shows all ACM's present (please note that only positive, Strongly Presumed and Presumed (highly likely to contain asbestos but not sampled) ACM's will be recorded) along with any areas not accessed. Samples of Non-ACM's are recorded on Table 2. Representative photographs of materials are shown in Appendix 3.

Where appropriate, samples of suspected ACM's were taken from the property, representative samples were also taken of any materials that may be confused with ACM's. Sample stickers, bearing the individual sample's unique number, were applied to the point of sampling, for future reference (unless requested not to be used by the client). Products that were very unlikely to contain asbestos or have asbestos added were not sampled (e.g. wallpaper, plasterboard etc.).

Samples were not taken, consequently there is no bulk analysis report, this will be shown by N/A on Appendix 4 front page.

Variations/deviations

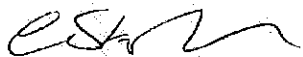
No variations or deviations from the In-House Procedure were recorded at the time of the survey.

Conclusions and actions

No asbestos containing materials were detected in the areas surveyed.

Access was not possible within pipe boxing and ceiling voids throughout the property due to the fixed covering that would need to be damaged to enable inspection. It is thought that the property may have been built post 2000, if this can be proven it can be assumed asbestos is not present within the areas not accessed.

Authorised by:



Claire Stephen - Asbestos Manager

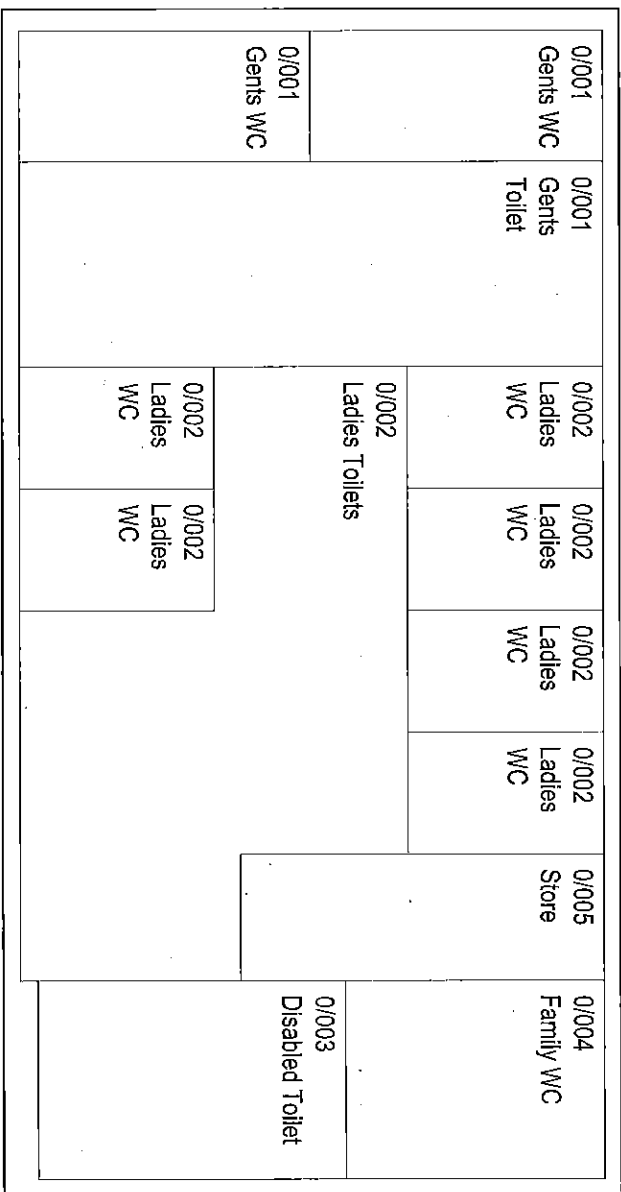
Surveyed by:



Dave Matthews- Geoenvironmental Technician

APPENDIX 1

PLAN



Areas Surveyed	Inaccessible Areas	Non-licensable Asbestos Containing Materials	Licensable Asbestos Containing Materials

Ref	Sample	Drawn Date	Lab
1	Bascastle Gateway Building Toilet	15/01/17	0

APPENDIX 2

TABLES 1, 2 & 3

Table 1: Asbestos Containing Materials (Including presumed materials not sampled and no access areas)

B	F	R	Room Description	Sample Ref. No.	Material Location	Approx. Quantity (m ²)	Product Type	Asbestos Type	Surface Treatment	Condition	Material Asses't Score	Accessibility	Comments
													No Asbestos Materials Detected During Survey

KEY: P = PRESUMED, SP = STRONGLY PRESUMED. Accessibility - low, medium or high based on surveyors opinion. N/A = Not Applicable

Table 2: Suspect Asbestos Containing Materials found not to contain asbestos

B	F	R	Room Description	Sample Ref No	Material Location	Material Type	Asbestos Not Detected	Comments
								No Non Asbestos Materials Sampled During Survey

Table 3: Areas inspected & areas not accessed (please note if not on this table or in area not accessed assume asbestos may be present until proven otherwise)

B	F	R	Room Description	Area/s requested to be Inspected	Areas not accessed & reason	Comments
1	0	001	Gents WC	Full Management Survey	No access to void above fixed ceiling & within pipe boxing	If built post 2000 it can be assumed asbestos is not present within the no access areas
1	0	002	Ladies WC	Full Management Survey	No access to void above fixed ceiling & within pipe boxing	If built post 2000 it can be assumed asbestos is not present within the no access areas
1	0	003	Disabled WC	Full Management Survey	No access to void above fixed ceiling & within pipe boxing	If built post 2000 it can be assumed asbestos is not present within the no access areas
1	0	004	Family WC	Full Management Survey	No access to void above fixed ceiling & within pipe boxing	If built post 2000 it can be assumed asbestos is not present within the no access areas
1	0	005	Store	Full Management Survey	No access to void above fixed ceiling	If built post 2000 it can be assumed asbestos is not present within the no access areas
1	0	Ext	Externals	Full Management Survey	No access to void above fixed ceiling	If built post 2000 it can be assumed asbestos is not present within the no access areas

APPENDIX 3

PHOTOS



Photo 1: Showing Boscastle Gateway Building Toilet

APPENDIX 4

BULK ANALYSIS REPORT

N/A

Log Book – Outlet Temperatures (Sentinels & Representatives)

(PW)

Month..17th 2015.....

To comply with the specified control measures, water from the hot water outlets should reach at least 50°C within 1 minute of running (55°C in healthcare premises) and water from the cold water outlets should be below 20°C after running the water for up to 2 minutes. Sentinel outlets are the nearest and furthest outlets on a system or the first and last outlets on a recirculated system and must be monitored on a monthly basis. A representative amount on non sentinel outlets must be monitored annually on a rotational basis. Failures must be reported to the Responsible Person for further action in accordance with the written scheme.

UPRN	Site Name:	Outlet Reference & Location:	Outlet Fed From:	Outlet Type (S/R)	Temp in °C	Name:	Date:
14475 ✓	BUDE – CROOKLETS BEACH CAR PARK	DISABLED WALLGATE	MAINS		15.6	M WERBEN	25/5/15
	LADIES WALLGATE (1)	LADIES WALLGATE (2)	MAINS		15.4	M WERBEN	25/5/15
	GENTS WALLGATE (1)	GENTS WALLGATE (2)	MAINS		15.6	M WERBEN	25/5/15
14476 ✓	BUDE – SUMMERLEAZE BEACH	LADIES WALLGATE	MAINS		15.3	M WERBEN	25/5/15
	GENTS WALLGATE	MAINS			15.1	M WERBEN	25/5/15
	DISABLED SINK (1)	DISABLED SINK (2)	MAINS		15.3	M WERBEN	25/5/15
	BUDE – POST OFFICE						
14479 ✓	BUDE – THE CRESCENT	LADIES WALLGATE	MAINS		15.2	M WERBEN	25/5/15
		GENTS WALLGATE	MAINS		15.1	M WERBEN	25/5/15
		DISABLED WALLGATE	MAINS		15.3	M WERBEN	25/5/15
14484 ✓	WIDEMOUTH BAY	GENTS WALLGATE	MAINS		14.7	M WERBEN	25/5/15
	LADIES WALLGATE (1)	LADIES WALLGATE (2)	MAINS		14.6	M WERBEN	25/5/15
	BOBY CHURCH SINK	DISABLED SINK	MAINS		14.9	M WERBEN	25/5/15

Outlet Fed From = Source of water i.e.: Water Heater No, Cold Water Storage Tank No, Mains Cold, etc

Outlet Type: S = Sentinel; R = Representative

Log Book – Outlet Temperatures (Sentinels & Representatives)

(PW)

Month..11.19..2015.....

To comply with the specified control measures, water from the hot water outlets should reach at least 50°C within 1 minute of running (55°C in healthcare premises) and water from the cold water outlets should be below 20°C after running the water for up to 2 minutes. Sentinel outlets are the nearest and furthest outlets on a system or the first and last outlets on a recirculated system and must be monitored on a monthly basis. A representative amount on non sentinel outlets must be monitored annually on a rotational basis. Failures must be reported to the Responsible Person for further action in accordance with the written scheme.

UPRN	Site Name:	Outlet Reference & Location:	Outlet Fed From:	Outlet Type (S/R)	Temp in °C	Name:	Date:
✓	PORT ISAAC – ROSCARRICK HILL (FISH CELLARS)						
✓	WADEBRIDGE – THE PLATT	LADIES WALLGATE	MAINS		12.3	M WEBBER	28/5/15
		GENTS WALLGATE	MAINS		12.1	M WEBBER	29/5/15
		DISABLED SINK	MAINS		12.4	M WEBBER	29/5/15
✓	WADEBRIDGE – EGGLESHAYLE ROAD	LADIES WALLGATE	MAINS		11.6	M WEBBER	29/5/15
		GENTS WALLGATE	MAINS		11.4	M WEBBER	29/5/15
		DISABLED SINK	MAINS		11.3	M WEBBER	29/5/15
✓	LANIVET – TRURO ROAD	LADIES WALLGATE	MAINS		13.3	M WEBBER	29/5/15
		GENTS WALLGATE	MAINS		13.5	M WEBBER	29/5/15
✓		DISABLED SINK	MAINS		13.2	M WEBBER	29/5/15
	NEW POLZEATH	LADIES WALLGATE	MAINS		13.4	M WEBBER	29/5/15
		GENTS WALLGATE	MAINS		13.5	M WEBBER	29/5/15
		DISABLED SINK	MAINS		13.3	M WEBBER	29/5/15

Log Book – Outlet Temperatures (Sentinels & Representatives) (PW) Month: May 2015.....

To comply with the specified control measures, water from the hot water outlets should reach at least 50°C within 1 minute of running (55°C in healthcare premises) and water from the cold water outlets should be below 20°C after running the water for up to 2 minutes. Sentinel outlets are the nearest and furthest outlets on a system or the first and last outlets on a recirculated system and must be monitored on a monthly basis. A representative amount on non sentinel outlets must be monitored annually on a rotational basis. Failures must be reported to the Responsible Person for further action in accordance with the written scheme.

UPRN	Site Name:	Outlet Reference & Location:	Outlet Fed From:	Outlet Type (S/R)	Temp in °C	Name:	Date:
	POLZEATH – CORONATION GARDENS	LADIES WALLGATE	MAINS		13.7	M WERBER	29/5/15
		GENTS WALLGATE	MAINS		13.4	M WERBER	29/5/15
		DISABLED SINK	MAINS		13.5	M WERBER	29/5/15
		LADIES WALLGATE	MAINS		12.7	M WERBER	29/5/15
	DAYMER BAY	GENTS WALLGATE	MAINS		12.9	M WERBER	29/5/15
		DISABLED SINK	MAINS		13.0	M WERBER	29/5/15
		DISABLED SINK (1)	MAINS		16.0	M WERBER	29/5/15
		DISABLED SINK (2)	MAINS		15.9	M WERBER	29/5/15
15947	WADEBRIDGE – CAMEL TRAIL	LADIES SINK (1)	MAINS		14.9	M WERBER	29/5/15
		LADIES SINK (4)	MAINS		15.1	M WERBER	29/5/15
		GENTS SINK (1)	MAINS		15.1	M WERBER	29/5/15
		GENTS SINK (4)	MAINS		15.3	M WERBER	29/5/15

Outlet Fed From = Source of water i.e.: Water Heater No, Cold Water Storage Tank No, Mains Cold, etc

Outlet Type: S = Sentinel; R = Representative

Month.....MAY 2015.....

TE-12

Outlet Fed From = Source of water i.e.: Water Heater No, Cold Water Storage Tank No, Mains Cold, etc

Outlet Type: S = Sentinel, R = Representative

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations by an Approved Contractor or Competent Body enrolled with NICEIC, Warwick House, Houghall Hall Park, Houghton Regis, Dunstable LU5 5ZX

Original (to the person ordering the work)

A. DETAILS OF THE CLIENT

Client: CORNWALL Council

Address: County HALL
Truro

Postcode:

B. PURPOSE OF THE REPORT

This report must be used only for reporting on the condition of an existing installation.

Purpose for which this report is required: Annual electrical Test and inspection

Date(s) on which inspection and testing were carried out: 26-6-14

C. DETAILS OF THE INSTALLATION

Occupiers: Public convenience

Address: BOSCASTLE gateway building

Postcode:

Estimated age of the electrical installation: 10 years

Description of premises: domestic, commercial, industrial, other (Please state)

Commercial

Evidence of alterations or additions

Yes

If yes, estimated age

4 years

Date of previous inspection: MAY 2013

Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: unknown

Records of installation available: NO

Records held by: unknown

D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

Whole installation

Agreed limitations including the reasons, if any, on the inspection and testing:

Limitation on circuit (7th ed) 2L3, 2L2, 2L1 as unable to open meter

Limitation on insulation Resistance between L/N on circuits 3L2, 3L1, 5L3, 5L2, 7L1 due to sensitive equipment

Limitations on all tests on circuit 6L3, unknown circuits

Agreed with:

Operational limitations including the reasons (see page No. 1)

The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

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

Very good

Summary of the condition of the installation continued on additional pages? No / Yes Specify page:

Overall assessment of the installation:

SATISFACTORY / UNSATISFACTORY (Delete as appropriate)

An 'Unsatisfactory' assessment indicates that dangerous and/or potentially dangerous conditions have been identified

This report should have been reviewed and confirmed by the registered Qualified Supervisor of the Approved Contractor responsible for issuing it. (See declaration on page 2)

This report is based on the model forms shown in Appendix B of BS 7671

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IPN3/1

ELECTRICAL INSTALLATION CONDITION REPORT

F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety

or

The following observations and recommendations for
action are made

Item No

Observations

Classification
code †

Further investigation
required (Y or †)

1

Additional pages? No Yes Specify page No(s):

† 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:

Code C1 'Danger present'. Risk of injury. Immediate remedial action required.

Code C2 'Potentially dangerous'. Urgent remedial action required.

Code C3 'Improvement recommended'.

Immediate remedial action
required for items:

Urgent remedial action
required for items:

Further investigation
required for items:

Improvement
recommended for items:

Please see the reverse of this page for guidance regarding the Classification codes.

G. 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 in page 1 (see C), 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 F) and the attached schedules (see H), provides an accurate assessment of the condition of the electrical
installation taking into account the stated extent of the installation and the limitations of the inspection and testing (see D).

I/We further declare that in my/our
judgement, the said installation was overall in

SATISFACTORY / UNSATISFACTORY

condition (see F) at the time the inspection was carried out, and that it
should be further inspected as recommended (see I).

* Delete as appropriate

INSPECTION, TESTING AND ASSESSMENT BY:

REPORT REVIEWED AND CONFIRMED BY:

Signature: S. Nelson

Signature:

Name: STEVE NELSON

Name: JAMES ASSER

Position: Electrician

(Registered Qualified Supervisor for the Approved Contractor at J)

Date: 26-6-14

Date: 5-11-14

ELECTRICAL INSTALLATION CONDITION REPORT

H. SCHEDULES AND ADDITIONAL PAGES

Inspection Schedule: Page(s) No 4, 5, 6

Additional pages, including additional source(s) data sheets:

Page No(s)

Schedule of Circuit Details for the Installation: Page No(s) 7

Schedule of Test Results for the Installation: Page No(s) 8

The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

I. NEXT INSPECTION

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

12 months

(Enter interval in terms of years, months or weeks, as appropriate)

provided that any items at F 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 F).

J. DETAILS OF NICEIC APPROVED CONTRACTOR

Trading title: Cormac Solutions Ltd

Address: Castle Canyke Rd
Bodmin

Telephone number:

Email address:



Enrolment number:
(Essential information)

6 0 1 4 9 9

Postcode: PL3112Z

Branch number:
(If applicable)

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type(s)	Number and type of live conductors		Nature of supply parameters		Characteristics of primary supply overcurrent protective device(s)
TNS	a.c. ✓	d.c.	Nominal (U ⁿ) voltage(s): 400 V	U _o ⁿ : 400 V	BS(EN) 1361
TNCS ✓	1-phase (2-wire)	1-phase (3-wire)	Nominal frequency, f ⁿ : 50 Hz	Notes: (1) by enquiry (2) by enquiry or by measurement	Type II 6
TNC	2-phase (3-wire)	3-pole	Prospective fault current, I _p : 1.1 kA	(3) where more than one supply, record the higher of highest values (4) by measurement	Rated current 100 A
TT	3-phase (3-wire)	3-phase (4-wire) ✓	External earth fault loop impedance, Z _e : 0.22 Ω		Short-circuit capacity 16 kA
IT	Other Please state		Number of sources 1		Confirmation of supply polarity ✓ (✓)

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of earthing		Details of installation earth electrode (where applicable)			
Distributor's facility: ✓	Type: (eg rods, tapes etc) —	Location: —			
Installation earth electrode:	Electrode resistance, R _A : —	(2) Method of measurement: —			
Main switch or circuit-breaker		Earthing and protective bonding conductors			
Type: BS(EN) 30467-3	Voltage rating 400 V	Earthing conductor		Main protective bonding conductors	
No of poles 3	Rated current, I _n 125 A	Conductor material Copper		Conductor material Copper	
Primary supply conductors (material) Copper	RCD operating current, I _{Δn} —	Conductor csa 16 mm ²		Conductor csa 10 mm ²	
Primary supply conductors csa 25 mm ²	Rated time delay —	Connection/continuity verified ✓ (✓)		Connection/continuity verified ✓ (✓)	
	RCD operating time (at I _{Δn}) —			Lightning protection	
				Specify	
* (applicable only where an RCD is suitable and is used as a main circuit breaker)					
				Bonding of extraneous-conductive parts (✓)	
				Water service ✓	
				Oil service	
				Structural steel	
				Other incoming service(s)	

* (applicable only where an RCD is suitable and is used as a main circuit-breaker)

ELECTRICAL INSTALLATION CONDITION REPORT

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

Item	Description	Outcome*	Location reference
1.0	Condition/adequacy of distributor's/supply intake equipment		
1.1	Service cable	✓	
1.2	Service cut-out/fuse(s)	✓	
1.3	Meter tails - distributor	✓	
1.4	Meter tails - consumer	✓	
1.5	Metering equipment	✓	
1.6	Means of main isolation (where present)	✓	
2.0	Presence of adequate arrangements for parallel or switched alternative sources	N/A	
3.0	Automatic disconnection of supply		
3.1	Main earthing and bonding arrangements		
	• Presence and condition of distributor's earthing arrangement	✓	
	• Presence and condition of earth electrode arrangement	N/A	
	• Adequacy of earthing conductor size	✓	
	• Adequacy of earthing conductor connections	✓	
	• Accessibility of earthing conductor connections	✓	
	• Adequacy of main protective bonding conductor size(s)	✓	
	• Adequacy of main protective bonding conductor connections	✓	
	• Accessibility of main protective bonding connections	✓	
	• Provision of earthing/bonding labels at all appropriate locations	✓	
3.2	FELV		
	• Source providing at least simple separation	N/A	
	• Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	✓	
3.3	Reduced low voltage		
	• Adequacy of source	N/A	
	• Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	✓	
4.0	Other methods of protection (where the methods of protection listed below are employed, details should be provided on separate sheets)		
4.1	Double insulation	✓	
4.2	Reinforced insulation	✓	
4.3	Use of obstacles	N/A	
4.4	Placing out of reach	N/A	
4.5	Non-conducting location	N/A	
4.6	Earth-free local equipotential bonding	N/A	
4.7	Electrical separation for more than one item of equipment	N/A	
5.0	Distribution equipment		
5.1	Adequacy of working space/accessibility of equipment	✓	
5.2	Security of fixing	✓	
5.3	Condition of insulation of live parts	✓	
5.4	Adequacy/security of barriers	✓	
5.5	Condition of enclosure(s) in terms of IP rating	✓	
5.6	Condition of enclosure(s) in terms of fire rating	✓	
5.7	Enclosure not damaged/deteriorated so as to impair safety	✓	
5.8	Presence of main switch(es), linked where required	✓	
5.9	Operation of main switch(es) (functional check)	✓	
5.10	Correct identification of circuit protective devices	✓	
5.11	Adequacy of protective devices for prospective fault current	✓	
5.12	RCD(s) provided for fault protection - includes RCBOs	✓	

* All boxes must be completed.

✓ Indicates Acceptable condition
"IM" Indicates a Limitation
"N/A" Indicates Not applicable

Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required state F1
(to determine whether danger or potential danger exists)

Outcome
Provide additional comment where appropriate on
attached numbered sheets. C1, C2 and C3 coded items
to be recorded in section F of the report.

ELECTRICAL INSTALLATION CONDITION REPORT

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

Item	Description	Outcome*	Location reference
5.13	RCD(s) provided for additional protection – includes RCBOs	✓	
5.14	RCD(s) provided for protection against fire – includes RCBOs	✓	
5.15	Manual operation of circuit-breakers and RCDs to prove disconnection	✓	
5.16	Presence of RCD retest notice at or near equipment where required	✓	
5.17	Presence of diagrams, charts or schedules at or near equipment where required	✓	
5.18	Presence of non-standard (mixed) cable colour warning notice at or near equipment where required	N/A	
5.19	Presence of alternative supply arrangement warning notice(s) at or near equipment where required	N/A	
5.20	Presence of replacement next inspection recommendation label	✓	
5.21	Presence of other required labelling (specify)	N/A	
5.22	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✓	
5.23	Protection against mechanical damage where cables enter equipment	✓	
5.24	Protection against electromagnetic effects where cables enter metallic enclosures	✓	
6.0	Distribution/final circuits		
6.1	Identification of conductors	✓	
6.2	Cables correctly supported throughout their length	✓	
6.3	Condition of insulation of live parts	✓	
6.4	Non-sheathed cables protected by enclosure in conduit, duct or trunking	✓	
6.5	Suitability of containment systems for continued use (including flexible conduit)	✓	
6.6	Cables correctly terminated in enclosures (indicate extent of sampling in Section D of report)	✓	
6.7	Examination of cables for signs of unacceptable thermal and mechanical damage/deterioration	✓	
6.8	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✓	
6.9	Adequacy of protective devices; type and rated current for fault protection	✓	
6.10	Presence and adequacy of circuit protective conductors	✓	
6.11	Co-ordination between conductors and overload protective devices	✓	
6.12	Cable installation methods/practices appropriate to the type and nature of installation and external influences	✓	
6.13	Cables where exposed to direct sunlight, of a suitable type	✓	
6.14	Concealed cables installed in prescribed zones (see extent and limitations)	✓	
6.15	Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage caused by nails, screws and the like where not in prescribed zones or not protected by 30 mA RCD (see extent and limitations)	N/A	
6.16	Provision of additional protection by 30 mA RCD for cables concealed in walls or partitions	N/A	
6.17	Provision of additional protection by 30 mA RCD - Where reasonably likely to be used to supply mobile equipment for use outdoors - For all socket-outlets of rating 20 A or less provided for use by ordinary persons	✓	
6.18	Provision of fire barriers, sealing arrangements and protection against thermal effects	✓	
6.19	Band II cables segregated/separated from Band I cables	N/A	
6.20	Cables segregated/separated from non-electrical services	✓	
6.21	Termination of cables at enclosures (identify numbers and locations of items inspected in Section D) - Connections under no undue strain - No basic insulation of a conductor visible outside an enclosure - Connections of live conductors adequately enclosed - Adequacy of connection at point of entry to enclosure (gland, bush or similar)	✓	
6.22	General condition of wiring systems	✓	
6.23	Temperature rating of cable insulation	✓	
6.24	Condition of accessories including socket-outlets, switches and joint boxes	✓	
6.25	Suitability of accessories for external influences	✓	

* All boxes must be completed.

✓ Indicates Acceptable condition

LIM* Indicates a Limitation

N/A* Indicates Not applicable

Unacceptable condition state C1 or C2

Improvement recommended state C3

Further investigation required state F/I (to determine whether danger or potential danger exists)

Outcome

Provide additional comment where appropriate on attached numbered sheets; C1, C2 and C3 coded items to be recorded in section F of the report.

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This report is based on the model forms shown in Appendix 6 of BS 7671

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IPN30

Original (To the person ordering the work)

ELECTRICAL INSTALLATION CONDITION REPORT

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

Item	Description	Outcome*	Location reference
7.0	Isolation and switching		
7.1	Isolators		
	• presence and condition of appropriate devices	✓	
	• acceptable location	✓	
	• capable of being secured in the OFF position	✓	
	• correct operation verified	✓	
	• clearly identified by position and/or durable marking(s)	✓	
	• Warning label posted in situations where live parts cannot be isolated by the operation of a single device	N/A	
7.2	Switching off for mechanical maintenance		
	• presence and condition of appropriate devices	✓	
	• acceptable location	✓	
	• capable of being secured in the OFF position	✓	
	• correct operation verified	✓	
	• clearly identified by position and/or durable marking(s)	✓	
7.3	Emergency switching/stopping		
	• presence and condition of appropriate devices	N/A	
	• readily accessible for operation where danger might occur	N/A	
	• correct operation verified	N/A	
	• clearly identified by position and/or durable marking(s)	N/A	
7.4	Functional switching		
	• presence and condition of appropriate devices	✓	
	• correct operation verified	✓	
8.0	Current-using equipment (permanently connected)		
8.1	Condition of equipment in terms of IP rating	✓	
8.2	Equipment does not constitute a fire hazard	✓	
8.3	Enclosure not damaged/deteriorated so as to impair safety	✓	
8.4	Suitability for the environment and external influences	✓	
8.5	Security of fixing	✓	
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 D of report)	✓	
8.7	Recessed luminaires (e.g. downlighters)		
	• correct type of lamps fitted	N/A	
	• installed to minimise build-up of heat by use of "fire rated" fittings, insulation displacement box or similar	N/A	
	• no signs of overheating to surrounding building fabric	N/A	
	• no signs of overheating to conductors/terminations	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	N/A	
9.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A	
9.3	Shaver sockets comply with BS EN 61558-2-5 or BS 3635	N/A	
9.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	N/A	
9.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	N/A	
9.6	Suitability of equipment for external influences for installed location in terms of IP rating	N/A	
9.7	Suitability of equipment for installation in a particular zone	N/A	
9.8	Suitability of current-using equipment for a particular position within the location	N/A	
10.0	Other special installations or locations		
	List special locations present, if any. List the results of particular inspections applied. → a separate page is required for each location	N/A	

* All boxes must be completed.

✓ Indicates Acceptable condition

LM Indicates a Limitation

N/A Indicates Not applicable

Unacceptable condition state C1 or C2

Improvement recommended state C3

Further investigation required state T/I
(to determine whether danger or potential danger exists)

Outcome

Provide additional comment where appropriate on attached numbered sheets. C1, C2 and C3 coded items to be recorded in section F of the report.

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Original (to the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE PRIMARY DISTRIBUTION BOARD

TO BE COMPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*
Location of distribution board: Service cupboard in baby change	Supply to distribution board is from: _____
Distribution board designation: DB1	Overcurrent protective device for the distribution circuit: Type: BS (EN) Rating: _____
	No. of phases: _____ Associated RCD (if any): BS (EN) RCD No. of poles: _____
	Nominal voltage: _____ V

Original (to the person ordering the work)

CIRCUIT DETAILS													
Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD
					Live	CPC	Max. disconnection time permitted by BS 7671 (s)	BS (EN)	Type	Rating (A)	Stroke capacity (kA)	Opening current (mA)	
1L3	LADY WASH unit 2	D	B	1	2.5	1.5	0.4	60898	B	20	6	—	2.30
1L2	HAND DRYER baby changing	D	B	1	2.5	1.5	0.4	60898	B	20	6	—	2.30
1L1	Disabled wc HAND DRYER	D	B	1	2.5	1.5	0.4	60898	B	20	6	—	2.30
2L3	Supply to DB2	B	B	1	6	6	0.4	60898	C	40	10	—	0.57
2L2	Car PARK machines	B	B	1	6	6	0.4	60898	C	40	10	—	0.57
2L1	meters	B	B	1	6	6	0.4	60898	C	40	10	—	0.57
3L3	LADY WASH unit 1	D	B	1	2.5	1.5	0.4	60898	B	20	6	—	2.30
3L2	main room LIGHTS	D	B	1	1.5	1.0	0.4	60898	E	6	10	—	3.83
3L1	BABY changing Lights	D	B	2	1.5	1.0	0.4	60898	C	6	10	—	3.83
4L3	other main room socket Pay machine	D	B	13	2.5	1.5	0.4	61009	C	20	10	30	1.15
4L2	main room water heater	D	B	1	2.5	1.5	0.4	60898	C	20	10	—	1.15
4L1	toilet men's wash unit	D	B	1	2.5	1.5	0.4	60898	C	16	10	30	1.44
5L3	LADIES LIGHTS	D	B	8	1.5	1.0	0.4	60898	C	6	10	—	3.83
5L2	Mens LIGHTS	D	B	5	1.5	1.0	0.4	60898	C	6	10	—	3.83
5L1	PUMP oil set	D	B	1	1.5	1.0	0.4	60898	C	6	10	—	3.83
6L3	KIOSK	D	B	—	2.5	2.5	0.4	61009	C	6	10	30	3.83
6L2	SPARE	—	—	—	—	—	—	—	—	—	—	—	—
6L1	SPARE	—	—	—	—	—	—	—	—	—	—	—	—
7L3	Disabled parking meter	D	B	1	6	6	0.4	60898	C	6	10	—	3.83
7L2	Normal parking meter	D	B	1	6	6	0.4	60898	C	6	10	—	3.83
7L1	Disabled Lights/outside lights	D	B	9	1.5	1.0	0.4	60898	C	6	10	—	3.83
8L3	SPARE	—	—	—	—	—	—	—	—	—	—	—	—
8L2	SPARE	—	—	—	—	—	—	—	—	—	—	—	—
8L1	SPARE	—	—	—	—	—	—	—	—	—	—	—	—

* In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.

† See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING									
A	B	C	D	E	F	G	H	I	J (Other - please state)
Thermoplastic insulated/shoathd cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral-insulated cables		

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SCHEDULE OF TEST RESULTS FOR THE PRIMARY DISTRIBUTION BOARD

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				Test instruments (serial numbers) used:			
Characteristics at this distribution board				Earth fault loop impedance			
Confirmation of supply polarity				RCD			
A See note below				Insulation resistance			
Z _s	Ω	Operating times of associated RCD (if any)	At I _{Δn} ms	Multi function			
I _{pt}	kA	At 5 I _{Δn} (if applicable)	ms	Other			

Original (to the person ordering the work)

TEST RESULTS														
Circuit number and line	Circuit Impedances (Ω)					Insulation resistance Record lower or lowest value				Polarity (✓)	Maximum measured earth fault loop impedance, Z _s (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (at least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (✓)
	R ₁ (Line)	R ₂ (Neutral)	R ₃ (Earth)	R ₁ + R ₂	R ₂	(MΩ)	(MΩ)	(MΩ)	(MΩ)			at I _{Δn} (ms)	at 5 I _{Δn} (if applicable) (ms)	
1L3	—	—	—	0.37	—	—	7500	7500	7500	✓	0.46	—	—	—
1L2	—	—	—	0.25	—	—	7500	7500	7500	✓	0.35	—	—	—
1L1	—	—	—	0.35	—	—	7500	7500	7500	✓	0.43	—	—	—
2L3	—	—	—	Lim	—	—	7500	7500	Lim	✓	0.22	—	—	—
2L2	—	—	—	Lim	—	—	7500	7500	Lim	✓	0.22	—	—	—
2L1	—	—	—	Lim	—	—	7500	7500	Lim	✓	0.22	—	—	—
3L3	—	—	—	0.33	—	—	7500	7500	7500	✓	0.43	—	—	—
3L2	—	—	—	0.24	—	—	Lim	7500	7500	✓	0.46	—	—	—
3L1	—	—	—	0.36	—	—	Lim	7500	7500	✓	0.49	—	—	—
4L3	—	—	—	0.29	—	—	7500	7500	7500	✓	0.32	24.2	13.8	✓
4L2	—	—	—	0.33	—	—	7500	7500	7500	✓	0.39	—	—	—
4L1	—	—	—	0.38	—	—	7500	7500	7500	✓	0.44	—	—	—
5L3	—	—	—	0.60	—	—	Lim	7500	7500	✓	0.78	—	—	—
5L2	—	—	—	0.64	—	—	Lim	7500	7500	✓	0.68	—	—	—
5L1	—	—	—	0.14	—	—	7500	7500	7500	✓	0.26	—	—	—
6L3	—	—	—	Lim	—	—	Lim	Lim	Lim	Lim	Lim	Lim	Lim	✓
6L2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6L1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7L3	—	—	—	calc 0.46	—	—	Lim	Lim	Lim	✓	1.18	—	—	—
7L2	—	—	—	calc 1.65	—	—	Lim	Lim	Lim	✓	1.87	—	—	—
7L1	—	—	—	1.21	—	—	Lim	7500	7500	✓	1.44	—	—	—
8L3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8L2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8L1	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: *S. Nelson*

Position: *Electrician*

Name:
(CAPITALS) *STEVE NELSON*

Date of
testing: *26-6-14*

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See previous page for
Schedule of Circuit Details