



Engineering Services Laboratory
Radnor Road, Scorrier, Redruth TR16 5EH
TEL : 01872 327381 FAX : 01209 821539



Asbestos Management Survey

Site Address:	St Clement Toilet Truro Cornwall TR1 1SZ	Surveyors:	Dave Matthews
		Report prepared by:	Paul Laban
UPRN number:	10121	Date of survey:	25/01/2013
Project number:	77033	Report Date:	28/01/2013

Executive Summary

A management survey has been undertaken within St Clement Toilets in which no asbestos was identified. Several samples were taken throughout the property but were all found not to contain asbestos (see Table 3 in Appendix 2).

Access was not possible to the voids above the fixed ceilings therefore it should be assumed that asbestos materials may exist in these areas. If the ceiling void is to be affected by any work a builder will be required to assist with opening up and making good.

Introduction

Scope of work, purpose, aims and objectives:

To complete an asbestos management survey within St Clement Toilets in order to comply with the 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.).

Any samples taken were returned to the laboratory for analysis by Polarised Light Microscopy (PLM) using a documented In-House Procedure, No: A3 'Bulk Analysis', based on HSG 248

'Asbestos: The analysts' guide for sampling, analysis and clearance procedures' – results of which can be found in Appendix 4.

Variations/deviations

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

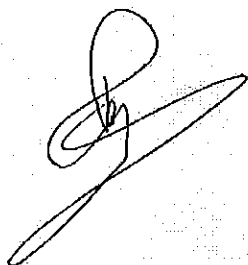
Conclusions and actions

A management survey has been undertaken within St Clement Toilets in which no asbestos was identified. Several samples were taken throughout the property but were all found not to contain asbestos (see Table 3 in Appendix 2).

Access was not possible to the voids above the fixed ceilings therefore it should be assumed that asbestos materials may exist in these areas. If the ceiling void is to be affected by any work a builder will be required to assist with opening up and making good.

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.

Authorised by:



Richard Hocking – Soils and Materials Engineer

Surveyed by:



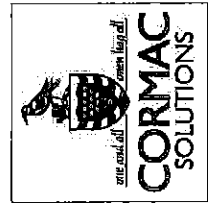
Dave Matthews- Geoenvironmental Technician

APPENDIX 1

PLAN

Legend

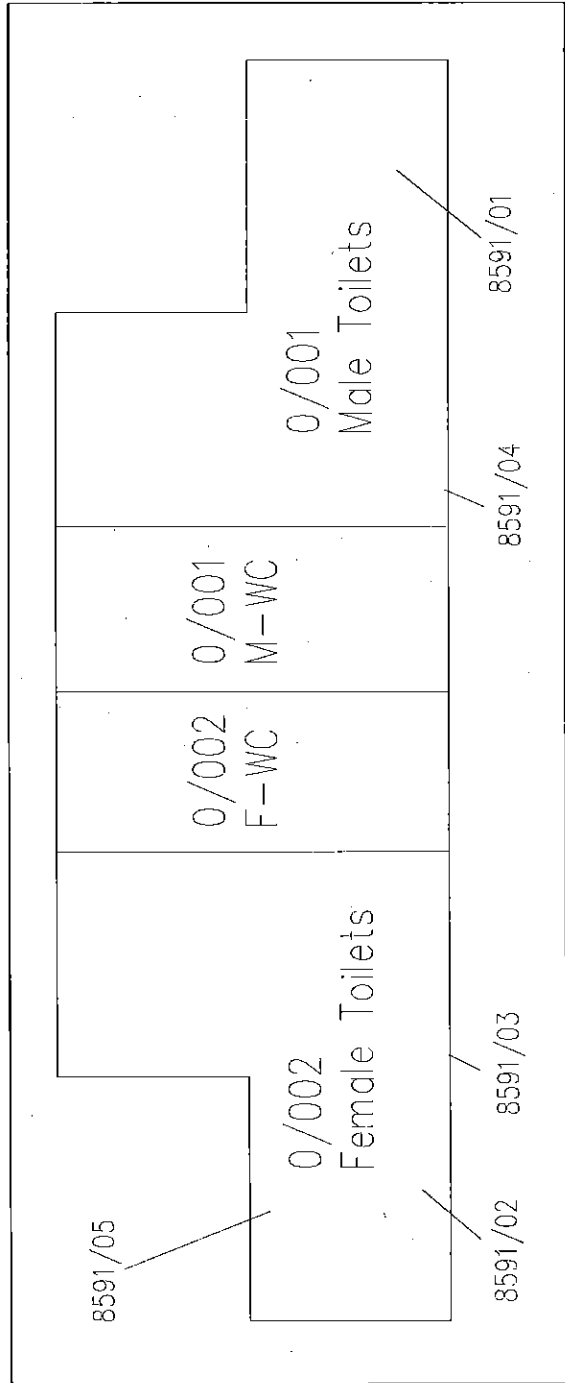
-  Licensable Asbestos Containing Materials
-  Non-licensable Asbestos Containing Materials
-  Inaccessible Areas
-  Areas Surveyed



ID	Rev	Issued	Drawn	Scale	Date

Project: St Clement Toilets	
UPRN: 10121	
Title: ACM Location Plan	

Scale	1:50	Drawn	R.	Checked	
Date	28/06/17	Drawn	CS	Checked	
Rev	001/001	Date	28/06/17	Rev	0



APPENDIX 2

TABLES 1, 2 & 3

B	F	R	Room Description	Sample Ref. No.	Material Location	Approx. Quantity (m ²)	Product Type	Asbestos Type	Surface Treatment	Condition	Material Assem't Score	Accessibility	Comments
No asbestos identified during survey													

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

B	F	R	Room Description	Sample Ref No	Material Location	Material Type	Asbestos Not Detected	Comments
1	0	001	Male Toilet	8591/01	Ceiling	Insulating Board	No Asbestos Detected	Same material in M-WC and external male canopy
1	0	002	Female Toilet	8591/02	Ceiling	Insulating Board	No Asbestos Detected	Same material in F-WC and external female canopy
1	0	Ext	External	8591/03	Window sill	Cement	No Asbestos Detected	
1	0	Ext	External	8591/04	Fascias	Insulating Board	No Asbestos Detected	
1	0	Ext	External	8591/05	Roof Felt	Roof Felt	No Asbestos Detected	

B	F	R	Room Description	Area /s requested to be Inspected	Areas not accessed & reason	Comments
1	0	001	Male Toilets	Full management survey	Ceiling void, fixed ceiling	-
1	0	001	M-WC	Full management survey	Ceiling void, fixed ceiling	-
1	0	002	Ladies Toilets	Full management survey	Ceiling void, fixed ceiling	-
1	0	002	F-WC	Full management survey	Ceiling void, fixed ceiling	-
-	-	Ext	External to toilets	Full management survey	-	-

APPENDIX 3

PHOTOS



Photograph showing St Clement Toilets

APPENDIX 4

BULK ANALYSIS REPORT



Engineering Services Laboratory
Radnor Road, Scorrier, Redruth TR16 5EH TEL : 01872 327381 FAX : 01209 821539

ASBESTOS BULK SAMPLE ANALYSIS TEST REPORT



In House Method based on HSG248

Scheme / Site: **St Clement WC - Asbestos Management Survey**
Location: **Various**

Date Sampled: **25/01/2013**
Sampled By: **DM**
Date Received: **28/01/2013**
Date Tested: **28/01/2013**
Tested By: **CW**

Test Report No: **AS6923.1**
Project No: **77033**
Client Ref: **-**
Sample Cert No: **AS 8591**
Date Reported: **28/01/2013**
Page Number: **1 of 1**

Test Results

Sub Sample Number	Client Sample Number	Sample Type	Sample Details	Asbestos Type(s) Present
1	-	IB	0/001 Male - Ceiling	AND
2	-	IB	0/002 Female - Ceiling	AND
3	-	C	External - window sills	AND
4	-	IB	External - Fascias	AND
5	-	RF	External - Roof felt	AND

For additional information see the Sampling Certificate.

KEY:

Sample Type: A = Adhesive, C = Cement, D = Dust/Debris, FB = Fibre Board, G = Gasket, IB = Insulating Board, I = Insulation, L = Lagging, PL = Pipe Lagging, R = Resin, RF = Roof Felt, SP = Sink Pad, SC = Spray Coating, P = Paper, TC = Textured Coating, T = Textile, VFT = Vinyl Floor Tile, VFC = Vinyl Floor Covering, W = Wood, O = Other (detailed).
Asbestos Type: AM = Amosite, CH = Chrysotile, CR = Crocidolite, Trem = Fibrous Tremolite, Actin = Fibrous Actinolite, Anth = Fibrous Anthophyllite, AND = Asbestos Not Detected.

Remarks : Materials have been referred to as Asbestos Insulating Board or Asbestos Cement based on upon their asbestos content and visual appearance alone. Water absorbency checks on materials have not been carried out unless stated otherwise. Where this has been done, the test is outside the scope of UKAS Accreditation. Where samples have not been taken by Engineering Services Laboratory, it can only report analysis results. No responsibility can be taken for any consequences arising from the client's sampling strategy or procedures, or the use of these results in subsequent reports.

Client Name: **CORMAC Property Maintenance**
F.A.O: **Roger Westcott**
Address: **Central Group Centre**

Authorised Signatory:

Castle Canyke Road
Bodmin

R. Hocking - Soils & Materials Engineer

PL31 1DZ

Tel No: 01872 327854 Fax No:

T:\Test\2013\01\28\MAIN\MS-AS6923-1-plaban-165011-0.DOC : Revision 18, Date: 26/11/2008, By: RNH

This Report relates only to the samples tested.

Opinions and interpretations expressed herein, or any water absorption tests performed, are outside the scope of UKAS accreditation. This report may not be reproduced except in full, without the written approval of the Laboratory.

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, Houghton Hall Park, Houghton Woods, Durstahle LU5 6ZX

A. DETAILS OF THE CLIENT

Client: *Cornwall Council*

Address: *New 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 inspection & test is due.

Date(s) on which inspection and testing were carried out:

20.10.14

C. DETAILS OF THE INSTALLATION

Occupier: *Cornwall Council*

Address: *Malpas toilets,
Truro.*

Postcode:

Estimated age of the electrical installation:

30 years

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

Commercial

Evidence of alterations or additions

☒

If yes, estimated age

1 years

Date of previous inspection:

8.10.13

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

Records of installation available: *NO*

Records held by:

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

Extent of the electrical installation covered by this report:

Supply, consumer unit, circuits & accessories.

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

Agreed with:

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

No I.R. test L-N at 7, 8, 9, 10 (electronics). No R+R test c10 (photo cell). Access limitation to inspection of cut out fuse and main ear th connection.

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):

*- All items fixed at time of test
- install is 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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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	Circuit 7 feeds timer, C8 & 9 are powered by a link from timer where should be powered by busbar (timer operation bypassed).	C2	
2	Circuit 9 also feeds an existing live conductor in the exterior lights.	C3	
3	Circuit 8 provides CPC for exterior light	C3	
4	Items 2 & 3 together mean the end of line for circuit 8 is in the outside light.	C3	
5	Photo cell broken (Fixed at time of test)	C2	
6	Outside light have borrowed neutrals.	C2	

* All items fixed at time of test *

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:

1 & 5

2, 3 & 4

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:

Signature:

Name:
(CAPITALS)

D. MAHONEY

Name:
(CAPITALS)

JAMES ASSER
(Registered Qualified Supervisor for the Approved Contractor at J)

Position:

Electrician

Date:

20.10.14

Date:

11-11-14

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

I/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: *Cornac Solutions Ltd.*

Address: *Castle Cannyke,
Bedwin*

Telephone number:

Email address:



Enrolment number:
(Essential information)

6 0 1 4 9 9

Postcode: *PL31 1DZ*

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	d.n.	✓	d.c.	Nominal (U _n) voltage(s):	230 V U _n 239 V	BS(EN) 1361
TNCS ✓	1-phase (1-wire) ✓	1-phase (3-wire)	2-pole	Nominal frequency, f _n	50 Hz	Type II 6
TNC	2-phase (3-wire)		3-pole	Prospective fault current, I _{pf}	556 kA	Rated current 100 A
TT	3-phase (3-wire)	3-phase (4-wire)	other	External earth fault loop impedance, Z _s	43 Ω	Short-circuit capacity 33 kA
IT	Other	Phase split		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: long rod(s), tape(s) etc	Location:	
Installation earth electrode:	Electrode resistance, R _a	(s2) Method of measurement:	
Main switch or circuit-breaker		Earthing and protective bonding conductors	
Type: BS(EN) 60947	Voltage rating 400 V	Earthing conductor	Main protective bonding conductors
No of poles 2	Rated current, I _n 100 A	Conductor material Copper	Conductor material Copper
Primary supply conductors material Copper	RCD operating current, I _{Δn} NA mA	Conductor csa 16 mm ²	Conductor csa 10 mm ²
Primary supply conductors csa 25 mm ²	Rated time delay NA ms	Connection continuity verified ✓ (✓)	Connection continuity verified ✓ (✓)
	RCD operating time (at I _{Δn}) NA ms		
* (applicable only where an RCD is suitable and is used as a main circuit-breaker)		Bonding of extraneous-conductive-parts (✓)	
		Water service ✓	Gas service
		Oil service	Structural steel
		Lightning protection	Other bonding services
		Specify	

ELECTRICAL INSTALLATION CONDITION REPORT

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

Item	Description	Outcome*	Location reference
1.0	Condition/adequacy of distributor/supply intake equipment		
1.1	Service cable	✓	
1.2	Service cut-out/fuse(s)	lim	
1.3	Meter tails - distributor	✓	
1.4	Meter tails - consumer	✓	
1.5	Metering equipment	✓	
1.6	Means of main isolation (where present)	NA	
2.0	Presence of adequate arrangements for parallel or switched alternative sources	NA	
3.0	Automatic disconnection of supply		
3.1	Main earthing and bonding arrangements		
	• Presence and condition of distributor's earthing arrangement	lim	
	• Presence and condition of earth electrode arrangement	NA	
	• Adequacy of earthing conductor size	✓	
	• Adequacy of earthing conductor connections	lim	
	• 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	NA	
	• Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	NA	
3.3	Reduced low voltage		
	• Adequacy of source	NA	
	• Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	NA	
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	NA	
4.3	Use of obstacles	✓	
4.4	Placing out of reach	NA	
4.5	Non-conducting location	NA	
4.6	Earth-free local equipotential bonding	NA	
4.7	Electrical separation for more than one item of equipment	NA	
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
lim Indicates a Limitation
NA 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	✓	
5.19	Presence of alternative supply arrangement warning notice(s) at or near equipment where required	NA	
5.20	Presence of replacement next inspection recommendation label	✓	
5.21	Presence of other required labelling (<i>specify</i>)	NA	
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 (<i>including flexible conduit</i>)	✓	
6.6	Cables correctly terminated in enclosures (<i>indicate extent of sampling in Section D of report</i>)	✓	
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 (<i>see extent and limitations</i>)	NA	
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 (<i>see extent and limitations</i>)	NA	
6.16	Provision of additional protection by 30 mA RCD for cables concealed in walls or partitions	NA	
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	NA	
6.20	Cables segregated/separated from non-electrical services	✓	
6.21	Termination of cables at enclosures (<i>identify numbers and locations of items inspected in Section D</i>)		
	▪ Connections under no undue strain	✓	
	▪ No bare insulation of a conductor visible outside an enclosure	✓	
	▪ Connections of live conductors adequately enclosed	✓	
	▪ Adequacy of connection at point of entry to enclosure (<i>gland, bush or similar</i>)	✓	
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 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
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	NA	
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	NA	
	• readily accessible for operation where danger might occur	NA	
	• correct operation verified	NA	
	• clearly identified by position and/or durable marking(s)	NA	
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)	NA	
8.7	Recessed luminaires (e.g. downlighters)		
	• correct type of lamps fitted	NA	
	• installed to minimise build-up of heat by use of "fire rated" fittings, insulation displacement box or similar	NA	
	• no signs of overheating to surrounding building fabric	NA	
	• no signs of overheating to conductors/terminations	NA	
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	NA	
9.2	Where used as a protective measure, requirements for SELV or PELV are met	NA	
9.3	Shaver sockets comply with BS EN 61658-2-5 or BS 3536	NA	
9.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	NA	
9.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	NA	
9.6	Suitability of equipment for external influences for installed location in terms of IP rating	NA	
9.7	Suitability of equipment for installation in a particular zone	NA	
9.8	Suitability of current-using equipment for a particular position within the location	NA	
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	NA	

* All boxes must be completed.

✓ indicates Acceptable condition

LIM indicates a Limitation

NA 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.

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

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IPN3/11

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:	Cupboard in tents	Supply to distribution board is from:	No of phases:	Nominal voltage:	V
Distribution board designation:	DB1	Overcurrent protective device for the distribution circuit:	Associated RCD (if any):	OS (EN)	
		Type: BS (EN)	Rating:	A	
				ITCO No of poles:	
				I _{an}	mA

[illegible]

* 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 (Other - please state)
Thermoplastic insulated/sheathed 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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IPN3/13

**See next page for
Schedule of Test Results**

Original (To the person ordering the work)

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	
* See note below Z_s	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms	Multi function
I_{pl}	kA	At 5% of $I_{\Delta n}$	At 5% of $I_{\Delta n}$	ms	Other
Continuity				77660	

TEST RESULTS

[illegible]

⁴ 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

Signalors:

Name: _____
(CAPITALS)

Position:

Date of testing:

Electrician

20.10.14

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See previous page for
Schedule of Circuit Details

Log Book – Outlet Temperatures (Sentinels & Representatives)

(CP)

Month.....MAY 15.....

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.

Site Name:	Outlet Reference & Location:	Outlet Fed From:	Outlet Type (S/R)	Temp in °C	Name:	Date:
HELSTON – BOWLING GREEN, MONUMENT	TAP Disabled.	Mains	S	14.5	C-P	18.5.15
HELSTON – COVERACK CAR PARK	Sink top Geyser	Mains	S	12.2	C-P	20.5.15
HELSTON – COVERACK HARBOUR	TAP Geyser.	Mains	S	14.	C-P	20.5.15
HELSTON - GUILDHALL	TAP Geyser.	Mains	S	14.1.	C-P	18.5.15

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

MAY 15

MAY 15

MAY 15

Outlet Type: S = Sentinel, R = Representative

Log Book – Outlet Temperatures (Sentinels & Representatives)

(CP)

Month.....May.....15.....

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.

Site Name:	Outlet Reference & Location:	Outlet Fed From:	Outlet Type (S/R)	Temp in °C	Name:	Date:
HELSTON – PORTHLEVEN HARBOUR	Walsgate 2nd fl.	Mains	S	17.4	C.E.P.	20.5.15
Pass Street J.	Walsgate 1st fl.	Mains	S	14.5	C.E.P.	20.5.15
HELSTON – PORTHLEVEN SHUTE LANE	Tap 6th fl.	Mains	S	14.5	C.E.P.	20.5.15
HELSTON – ST KEVERNE SQUARE	6th fl. tap	Mains	S	12.5	C.E.P.	20.5.15
HELSTON – TRENGROUSE WAY	Closets					

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) (CP) Month.....May 15.....

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.

Site Name:	Outlet Reference & Location:	Outlet Fed From:	Outlet Type (S/R)	Temp in °C	Name:	Date:
PRAA SANDS	UNISEX TAP	MAINS	S	14.5	C-5-P	20.5.15
REDRUTH - NEW CUT	UNISEX TAP	MAINS	S	14.8	C-5-P	11.5.15
ST AGNES-CHURCHTOWN	WALLGATE WENS	MAINS	S	12.1	C-5-P	11.5.15
ST AGNES - TREVAUNANCE COVE	UNISEX WALLGATE	MAINS	S	13.2	C-5-P	11.5.15

Outlet Fed From = Source of water i.e.: Water Heater No, Cold Water Storage Tank No, Mains Cold, etc
 G:\Commercial\Departments\CLEANING\PUBLIC CONVENIENCES\LEGIONELLA\Area 2 (CP) Legionella log book 050515.doc
 Outlet Type: S = Sentinel; R = Representative

Log Book – Outlet Temperatures (Sentinels & Representatives)

(CP)

Month..... May 85

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.

Site Name:	Outlet Reference & Location:	Outlet Fed From:	Outlet Type (S/R)	Temp in °C	Name:	Date:
PORTTOWAN	Hot Gents W.C. Gents	W.C. 1	S	14.5	C. S. P.	11.5.15
PORTREATH	Hot Gents W.C. Gents	W.C. 1	S	13.8	C. S. P.	11.5.15
CAMBORNE - ROSEWARNE	W.C. Gents near	W.C. 1	S	15.9	C. S. P.	16.5.15
CAMBORNE - PARK	S.W. Gents	W.C. 1	S	12.3	C. S. P.	26.5.15

Log Book – Outlet Temperatures (Sentinels & Representatives) (CP) Month.....*May 15*.....

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.

Site Name:	Outlet Reference & Location:	Outlet Fed From:	Outlet Type (S/R)	Temp in °C	Name:	Date:
<i>/</i> PRAZE AN BEEBLE	Sink	Mains	S	12.8	C.E.P.	27.5.15
<i>/</i> LOE BEACH	Wallgate Canteen	Mains	S	11.00	C.E.P.	8.5.15
<i>/</i> MYLOR BRIDGE	Wise x Tap	Mains	S	11.4	C.E.P.	8.5.15
<i>/</i> MALPAS	WALLGATE LADIES	Mains	S	11.8	C.E.P.	8.5.15

