1	/ = -		
Name	Ack'd		
Gen Man	D.	Pane To	2.4
Dep Gm Man	J L	-	-876.
Ops Man		+	- 247
D Man		1	
D Man			
D Mea			
DMan			
Admin		_	
Maint		_	
Ban		-	

### **ELECTRICAL INSTALLATION CONDITION REPORT**

(REQUIREMENTS FOR ELECTRICAL INSTALLATIONS — BS 7671 [IET WIRING REGULATIONS])

SELECT

This report is not valid if the

DMan MEMBERSHIP NUMBER	number is defaced or altered CR U48058
Maint 21179	Copyright © The Electrical Contractors' Association of Scotland The Electrical Contractors' Association
Boyl	
	DERING THE REPORT
Name: GITTLEON' CONVE	
	KILMARNOCK AYRSHIRE
SECTION B. REASON FOR PRODUCING THIS REPORT	RT
Reason: ANNUAL INSPECTION	
Date(s) on which inspection and testing was carried out: 8.	7/2013
SECTION C. DETAILS OF THE INSTALLATION WHICH	IS THE SUBJECT OF THIS REPORT
Occupier GALEON CENTLE	
Address: 019 TICHFIELD STREET !	LILMARNOCK AYRSHEE
Description of premises (Tick as appropriate): Domestic   Comm	
Estimated age of the wiring system: years. Evidence of	
If "Yes" estimate age: 2 years. Installation records available? (Re	egulation 621.1) Yes No Date of last inspection: 22 5 20
SECTION D. EXTENT AND LIMITATIONS OF INSPECT	
Extent of the electrical installation covered by this report5	HHING POOL + CHANGING AREAS
Agreed limitations including the recent (Pagulation 624.2). A	reed with: MANAGEMENT 20% OF ACCESSORIES
OPENED AND INSPECTED IN ACCESSIONS INCIDENT	TS NOT INSPECTED
Operational limitations including the reasons: Pool (054)	Public unable to isolate lighting circi
The inspection and testing detailed in this report and accompa	inving schedules have been carried out in accordance with DS
7671:2008 (IET Wiring Regulations), as amended to	anying schedules have been carried out in accordance with BS It should be noted that cables concealed within trunking and fabric of the building or underground have <b>not</b> been inspected to the inspection.
SECTION E. SUMMARY OF THE CONDITION OF THE	
	EOL THE AGE OF INSTALMINON THE
GENERAL CONDITION 13 GOOD	J. A. T.
Overall assessment of the installation in terms of its suitability for	or continued use
SATISFACTORY / L <del>INSATISFA</del> C	TORY* (Delete as appropriate)
*An unsatisfactory assessment indicates that dangerous (code C1) an	d/or potentially dangerous (code C2) conditions have been identified.
SECTION F. RECOMMENDATIONS	
Investigation without delay is recommended for observations identified Observations classified as 'Improvement recommended' (code C3) sho	as <i>Turther investigation required</i> .  ould be given due consideration.
Subject to the necessary remedial action being taken, I/we recommend to	hat the installation is further inspected and tested by Slace 2014 date)
SECTION G. DECLARATION	
We, being the person(s) responsible for the inspection and testing o	
hereby declare that the information in this report, including the observed of the condition of the electrical installation taking into account the state	ations and the attached schedules provides an accurate assessment
of the condition of the electrical installation taking into account the state	ations and the attached schedules, provides an accurate assessment ed extent and limitations in Section D of this report.
of the condition of the electrical installation taking into account the state  Inspected and tested by:  Name (Capitals)	ations and the attached schedules, provides an accurate assessment ed extent and limitations in Section D of this report.  Report authorised for issue by:
Inspected and tested by:  Name (Capitals)  THOMAS  Northcore  Signature  Locate that the information in this report, including the observed of the condition of the electrical installation taking into account the state  Inspected and tested by:  Name (Capitals)  THOMAS  Northcore	ations and the attached schedules, provides an accurate assessment ed extent and limitations in Section D of this report.
Inspected and tested by:  Name (Capitals)  THOMAS UORTICOTE  Signature  Thomas IM Worthcop  For/on behalf of MESICOS ELECTRICAL	Report authorised for issue by:  Name (Capitals)  Signature  For/on behalf of Secretary and the inspection and testing, ations and the attached schedules, provides an accurate assessment and limitations in Section D of this report.
Inspected and tested by:  Name (Capitals) THUMAS NORTICOTE  Signature Thomas MESICOS ELECTRICAL  Position ELECTRICAL	Report authorised for issue by:  Name (Capitals)  Signature  For/on behalf of Secretary Report authorised contains and the attached schedules, provides an accurate assessment and extent and limitations in Section D of this report.  Report authorised for issue by:  Name (Capitals)  Signature  For/on behalf of Secretary Report Repo
Inspected and tested by:  Name (Capitals) THOMAS DORTHCOTE  Signature Thomas M Dorthcop  For/on behalf of MESICOS ELECTRICAL  Position ELECTRICAL  Address 6 HOLEHOUSE ROAD LAGS KA30 978	Report authorised for issue by:  Name (Capitals)  Signature  For/on behalf of Section Description  Address Secretaria AD Farm Arorogean.
Inspected and tested by:  Name (Capitals) THOMAS DORTHCOTE  Signature Thomas M Dorthcop:  For/on behalf of MESICOS ELECTRICAL  Position ELECTRICAL  Address & HOLEHOUSE ROAD LALGS KA30 9311  Date 8/7/2013	Report authorised for issue by:  Name (Capitals)  Signature  For/on behalf of Secretary Report authorised contains and the attached schedules, provides an accurate assessment and extent and limitations in Section D of this report.  Report authorised for issue by:  Name (Capitals)  Signature  For/on behalf of Secretary Report Repo
Inspected and tested by:  Name (Capitals) THOMAS NORTHCOTE  Signature Thomas M Northcop  For/on behalf of MESICOS ELECTRICAL  Position ELECTRICIAN  Address 6 HOLEHOUSE ROAD LAUGS KA30 9781  Date 8/7/2013	Report authorised for issue by:  Name (Capitals)  Signature  For/on behalf of Section Description  Address Secretaria AD Farm Arorogean.

CR 048058

SECTION I. SUPPLY	CHARACTERISTICS AND EAF	RTHING ARRANGEMENTS Tick bo	exes and enter details ropriate
Earthing arrangements	Number and Type of Live Conductors	Nature of Supply Parameters	Supply Protective Device Characteristics
TN-C	a.c.	Nominal voltage, U/U <sub>o</sub> (1) 230/400. V	BS (EN): NOT KHOW
TN-S	1-phase, 2-wire 2-wire	Nominal Frequency, f(1)	Type: Hec
TN-C-S	2-phase, 3-wire 3-wire 3	Prospective fault current, Ipf(2) 2:152 kA	Rated current
тт 🗆	3-phase, 3-wire	External loop impedance, Z <sub>e</sub> <sup>(2)</sup> .ΩΩ. Ω	63A
п 🗆	Confirmation of supply polarity	(Note: (1) by enquiry, (2) by enquiry or by measuren	nent)
Other sources of supply	(as detailed on attached Insp	ection Schedule)	
SECTION J. PARTIC	ULARS OF INSTALLATION RE	FERRED TO IN THE REPORT	ick boxes and enter details is appropriate
Means of Earthing	Details of	Installation Earth Electrode (where apple	
Distributor's facility	Type	Location	Electrode resistance to earth
Installation earth electrode	(e.g. rod(s), tape etc)		Ω
	Main Prote	ective Conductors	
Earthing Conductor:			tinuity verified
Main protective bonding conductors	material	csa mm² Connection/cor	ntinuity verified
To incoming water servi	ce   To incoming gas service	☐ To incoming oil service ☐	To structural steel
To lightning protection	☐ To other incoming service	e(s) (state details	)
SECTION K. OBSER	RVATIONS Tick boxes as approp	Results, and subject to the	plicable only where an RCD is suitable id is used as a main circuit-breaker)
limitations specified at	Section D, Extent and Limitations of	the Inspection and Testing observations are made:	Further Classification Investigation
No remedial action			Code Required (see below) (Yes/No)
	OBSERVATION(S)		, , , , , , , , , , , , , , , , , , , ,
	••••		
	•••••••••••••••••••••••••••••••••••••••		
One of the following of	codes, as appropriate, has been a	llocated to each of the observations mad	le above to indicate to the
person(s) responsible	for the installation the degree of drg	ericy for remediar action.	
		of injury. Immediate action required.	
		s — urgent remedial action required.	
	C3 Improvement recomm	menaed.	

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

Note: This form is suitable for many types of smaller installation not exclusively domestic.

оитс		Acceptable condition	•	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Not verified	N/V	Limitation	LIM	Not ap	plicable	N/A
TEM No.			•		DESCRIF	PTION	•			(Use of Provide add	appropri C3 code ed in Se	ove. comment ate. ed items ction K of	Furi Investi requi (Y o	igatio
1.0				Y INTAKE EQ	UIPMENT					T				_
1.1		able condi								1				
1.2		of service								<del> </del>	A			
1.3		of tails - C								N				
1.4		of tails - C								<del></del>				
1.5		of meterin	<u> </u>	<u> </u>						<del>+</del>				
1.6				re present)	MENTO FO	OR OTHER COL	IDOES SIM	OLL A.C.		Н	la			
2.0				11 E ARRANGE 51.6; 551.7)	MENISFC	OR OTHER SOL	JKCES 500	CH AS						
3.0				RRANGEMEN	TS //11 2	Chapter 54)								
3.0						ngement (542.1	2 1. 542 1	2 2)		V				
3.2						on where applica				+	IA			
3.3						ate locations (5		2.01		<del></del>			<u> </u>	
3.4			<u> </u>	onductor size (						_	<u> M</u>		-	
3.5						<del> </del>	rminal (ME	T) (543 3 2)		ļ	_		-	
3.6		onfirmation of main protective bonding conductor sizes (544.1)								· · · · · · ·				
3.7		ondition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)								LII				
3.8						connections (54							<del>                                     </del>	
				STRIBUTION I			0.0.2)			Lie	1			
4.0						ner unit / distrib	ition board	(132 12: 513 1	١		_			
4.1		of fixing (1			y to consum		Juon Doard	(102.12, 010.1	<del>,</del>		/			
4.2				in terms of IP ra	ating etc (4	16.2\				\ \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				
4.4				in terms of fire		<del></del>				`\				
4.4						safety (621.2(ii	i))							
4.6				witch (as requi	· · · · · · · · · · · · · · · · · · ·		'''							
4.7				(functional che	<u> </u>					LI	<u> </u>			
4.7	<u>'</u>			·		rove disconnect	ion (612 13	2)		+	/			
4.8		<u> </u>				devices (514.8		-,						
4.10					·	nsumer unit / di	<del> · · · · · · · · · · · · · · · · ·</del>	pard (514 12 2)		+				
4.11		of non-sta				ning notice at or				+	/			
4.12			itive si	ipply warning n	otice at or	near consumer	unit / distrib	ution board (5	14.15)	1	IA			
4.13	Presence	e of other r	equire	d labelling (plea	ase specify	) (Section 514)					ila			
4.14	Examina thermal o	tion of prot damage, ar	ective	device(s) and I r overheating) (	pase(s); co (421.1.3)	rrect type and ra	ating (no sig	ns of unaccep	table		/			
4.15	Single-po	ole protecti	ve de	rices in line con	ductor only	(132.14.1; 530	.3.2)			,	/			
4.16	Protection					es enter consum		tribution board			/			
4.17	Protection board / e	n against e enclosures	electro (521.5	magnetic effect	s where ca	bles enter cons	umer unit /	distribution		N	In			
4.18	RCD(s)	provided fo	r fault	protection - inc	ludes RCB	Os (411.4.9; 41	1.5.2; 531.2	)			/,			
				ional protection						1	1		1	

### **CONDITION REPORT INSPECTION SCHEDULE (CONTINUED)**

CR 048058

OUTC	OMES	Acceptable condition	~	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Not verified	N/V	Limitation	LIM	Not app	olicable	N/A
TEM No.					DESCRIP	TION				OU (Use c Provide add where C1, C2 and to be record the Con	ove. comment iate. ed items ction K of	Furt Investi requi (Y o	gatio	
5.0		CIRCUITS												
5.1		ation of cond		<u>`</u>										
5.2				ed throughout the		.8.5)				L	I M			
5.3				live parts (416.1	<u> </u>						<u> </u>			
5.4				tected by enclos				1.10.1)			<u>/</u>			
				of conduit and to							_			
5.5	Adequad	cy of cables on (Section	for ci 523)	urrent-carrying c	apacity with	regard for the	type and na	ature of	_		/			
5.6	Coordina	ation betwee	en co	nductors and ov	erload prote	ective devices (4	<del>1</del> 33.1; 533.:	2.1)			/			
5.7		<u> </u>		evices: type and		<u> </u>		3)			<u> </u>			
5.8	Presenc	e and adeq	uacy	of circuit protect	ive conduct	ors (411.3.1.1;	543.1)				/			
5.9	Wiring s (Section	ystem(s) ap 522)	propr	iate for the type	and nature	of the installation	on and exte	ernal influences	5		/			
5.10	Conceal	ed cables ir	nstalle	ed in prescribed	zones (see	Section D. Exte	ent and limi	tations) (522.6	.101)	L	IM			
5.11	Conceale or other (see Sec	ed cables in wise protect ction D. Ext	ncorpo ed ag tent a	orating earthed a painst mechanica and limitations) (5	rmour or sl al damage f 522.6.101; 5	neath, or run wi rom nails, screv 522.6.103)	thin earthed vs and the l	l wiring systen ike	٦,		111			
5.12	Provision	n of additior	nal pro	otection by RCD	not exceed	ling 30 mA:								
	<ul> <li>for all excep</li> </ul>	socket-outle tion is perm	ets of nitted	rating 20 A or le (411.3.3)	ns unless an			/						
	• for sup	oply to mobi	le equ	uipment not exce	eding 32 A	rating for use of	outdoors (4	11.3.3)		7	IA			
	• for cab	oles conceal	led in	walls or partition	ns (522.6.1	02; 522.6.103)				Ü				
5.13	Provision	n of fire barı	riers,	sealing arranger	ments and p	protection again	st thermal	effects (Section	า 527)	н	la			
5.14	Band II o	cables segre	egate	d / separated fro	m Band I c	ables (528.1)				И	A		,	
5.15	Cables s	segregated /	/ sepa	arated from com	munications	cabling (528.2	)			L				
5.16				arated from non-						V				
5.17	Terminat (Section		es at e	enclosures — inc	dicate exter	nt of sampling in	Section D	of the report						
	<ul> <li>Conne</li> </ul>	ections soun	ıdly m	ade and under r	no undue st	rain (526.6)				-	/			
	No bas	sic insulation	n of a	conductor visib	le outside e	nclosure (526.8	)				/			
	Conne	ections of liv	e con	ductors adequat	ely enclose	d (526.5)				V	/			
	<ul> <li>Adequ</li> </ul>	ately conne	cted	at point of entry	to enclosur	e (glands, bush	es etc.) (52	2.8.5)			/			
5.18	Conditio	n of access	ories	including socket	-outlets, sw	itches and joint	boxes (621	l.2 (iii))			/			
5.19	Suitabilit	ty of access	ories	for external influ	ences (512	.2)					/			
6.0	LOCATI	ON(S) CON	ITAIN	ING A BATH OF	SHOWER									
6.1	Addition	al protection	n for a	ili low voltage (L	V) circuits t	y RCD not exc	eeding 30 n	nA (701.411.3.	3)		V			
6.2	Where u	sed as a pr	otecti	ve measure, rec	uirements t	or SELV or PEL	V met (701	.414.4.5)		P	NA			
6.3	Shaver s	sockets com	ıpiy w	rith BS EN 6155	8-2-5 or BS	3535 (701.512	.3)				ila			
6.4	Presenc	e of suppler	menta	ry bonding cond	luctors, unl	ess not required	by BS 767	1:2008 (701.4	15.2)		NA			
6.5	Low volt	age (e.g. 23	30 vol	t) socket-outlets	sited at lea	st 3 m from zor	ne 1 (701.5	12.3)			/			
6.6				or external influe					512.2)	<u> </u>	/			
6.7				or installation in							/			
6.8		<del> </del>		equipment for	<del></del>		<del></del>	701.55)		1	/			
7.0				L INSTALLATIO		100		. 5					-	
			_		and the same			. Ab		T				
7.1	particula	ther special ir inspection	insta is app	llations or location	ons presen	i, ir any. (Record	separately	ine results of		ammine	aci P	00L		



# CIRCUIT CHART AND SCHEDULE OF TEST RESULTS (15 CIRCUITS)

Details of circuits and/or installed equipment vulnerable to damage when testing

Phase sequence confirmed (where appropriate)

Location and Type PLANT ROOM PROTEUS

Distribution Board Reference No. LP9 8

I<sub>pf</sub> at DB .... Z<sub>s</sub> at DB.

Supply polarity confirmed

3.08 KA

O'15 ohms SELECT CR 048058

Wirin	S			Ę	=	ō	٩	or.	7	e	N	ţ.	w	2	_			N <sub>O</sub> .		
Wiring Type	Code for					ICE HA	TRANSF	ICE HALL	POOL 13	fac cra	Par Var	Pool LTS	POOL LIS	POOL LTS	POOL LITS			Circ		
PVC/PVC	A			0	2	ICE HALL WATER PIP	transformer arc	ICE HALL COOLED PANEL	POOL 13A SKTS	POOL CLOCK + EXIT LTS	POOL DAY SEAT LITS			7	3 RH			Circuit Description		
PVC i					_	(P)	೧೯೮	PANEL	<b>~</b>	7175	75	エ	RH	エ	エ					CIRCUIT DETAILS
PVC in Metal Conduit	В				-		نر	-	F	۲	£	Ŋ	=	2	6		9	No.		D LIC
Condu					Tì		Tì	6	7	LII	E E	D H	E E	T H A	日日		code below)		- <b>S</b>	ETAII
		† Insert R (see Tat		ه	٦.	ی	<b>多</b>	2	2	を	ت ا	£	1474	7	五五		<b>+</b> &	Reth-	Wiring Details	လ
VC in		eference ble 4A2 fr		2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5	۲ ۲	5.r t	4 2·5	4 2.5	Live CPC	mm <sup>2</sup>	csa	etails	
Plastic	ဂ	Method om BS 76		N		Ġ,						2:5	Ŋ	V	N		:			
PVC in Plastic Conduit		† Insert Reference Method (see Table 4A2 from BS 7671 Appendix 4)		C	C	(	,	C	C	C	C	C	C	C	0	Type A	kA	Breaking Capacity	Overcurrent	
		dix 4)		೦ ಬ	20	ار د	32	ō	32	ō	õ	32	32	32	ん 0	Amps	Ś	~ @ ··	en en	
PVC in Metal Trunking				٠٤٤	۶۶:	.53	99.	-=	-		-	-				R <sub>2</sub> R <sub>1</sub> +R <sub>2</sub>	Ω	R <sub>1</sub> +R <sub>2</sub> or R <sub>2</sub>		
etal Tru	ס			W	w	į,	Ť	_	-							R <sub>2</sub> L-L			Cont	
nking			P-													z	Ω	Ring Final Circuit	Continuity	
PVC in P																CPC-CPC		inal uit		
Plastic	ш															F		(Lowe	Insi Res	
lastic Trunking																μ	MΩ	(Lowest values measured)	Insulation Resistance	
PV																ŝ	Ş	Po-		Ħ
PVC/SWA	П			89.0	89.0	89.0	0.81	0.26	1.25							ದ	Z <sub>s</sub>	imped- ance	Earth fault loop	TEST RESULTS
XLPE/SWA	G						က	૪	ပ	<u>ა</u>	O O	30	O O	30	رخ 0	mA	lan	Pro	RC	SULTS
							アニ	エ	3	E N	<b>E</b>	r L	ヹ	Ξ	근	100%	Time	Protection	RCD/RCBO	
ineral Ir	I	*30mA RCDs only														*500%	Time (ms)		0	
Mineral Insulated																ŝ	ď	Func- tional		
	O (Other - please specify)																	Remarks		

2012 Tested by: NAME (CAPITALS) THOMAS NORTHANTE Signature Thomas H Dorth col Date \$17/2013 Page 5 of 6

TEST INSTRUMENTS USED

ALPHATEC

MULTI TEST

17030051

2013 TO13

Type

Serial No.

Date Accuracy Verified

Manufacturer

Type

Serial No.

Date Accuracy Verified

Manufacturer

## CIRCUIT CHART AND SCHEDULE OF TEST RESULTS (36 CIRCUITS)



Associated Certificate/Report Serial NoCLO48058 A	ddress CTALLEON CENTRE	
Distribution Board Reference No. NOT. ASSIGNED.	99 TICHFIELD STREET	
Type PROTEUS		z. 0:2

ohms Location POOL OFFICE Date 8/7/2013 Ipf 2:352 KA

	Cond	CIRCUI	Overc	urrent	Description	No. of		Ring Circuit Con- tinuity		Insula Resis • Meg	tance		Pol- arity	Max Z <sub>s</sub>	Time	imes ms	
lo.	Size	mm²	Prote					(~)	P-P	P-N	P-E	N-E	( 🗸 )	ohms	100%	*500%	
	Live	CPC	Type	Amps			- Cillis	( ,	' '				/	7.	66	22	
i	2.5	2.5	C	10	collidor LTS	5	-		-				1	1.2	28	28	
2	1.5	1.5	C	10	GENTS CHANGE LTS	21		-						0.85	38	28	
3	1.5	1.5	C	16	LADLES CHANGE LTS	36			-				V	0.95	25	18	
4	2.5	2.5	C	10	CORRIDOR LTS	21	-	-				-	1	0.5	39	19	
5	2.5	2.5	С	32	CORRIDOR SOCKETS	5			-		_		V	0.3	25	19	
6	4.0	4.0	C	32	HAND DRIER MALE FEMALE	2		<del> </del>	-		-		1	0.76	28	19	
7	2.5	2.5	C	10	PA SOCKET	1		<del> </del>			-		7	0.5	19	19	
8	4.0	4.0	C	20	HAIR DRIERS HALE	2		<b>_</b>	-	-	-	-		0.2	19	19	
9	-, -						-		-	-		-					
10								<del> </del>			-	-		0.01	21	19	
11	2.5	2.5	C	20	HAIR DRIER FAHILY	2		<del> </del>	-	-	-		~	0.51		18	
12	2.5	2.5	С	16	POOL COVER	2.		-	-	-	-		V	1.0	18		
13	2.5	2.5	C	20	HIGH LEVEL SKT LADIES	2			-		-	-	/	0.8	19	19	
14	3.5	2.5	C		HAIR DRIER LADIES	2		-			-	-	/	0.6		18	
15	1.5	1.5	C	6	FIRE DOOR MAGNETS	5_		-		-	-		1	1.95			
16	2.5	1.5	C	10		i				<del> </del>	-	-	/	1.26	120	29	
שו	- 3	1 3	<del>  _</del>	1.5						-	-	-				-	
18		-	1	1					↓	<del> </del>	-	-	-		-		
19												-		-	-	-	
		<del>                                     </del>								-			-			-	
30		_										-	<del>                                     </del>	0.0	O.f.	1.0	
31 21	6.0	6.0	С	50							-	-	1		36		
	4	6.0	C	50		1				1			/	0:35		12	
23	6.0	_	+	50									V	0.35	36	12	
<u>با بی</u>	6.0	0.0	-	100									-	-		+	
		+	_	_											-	-	
		+									-		-		-	+	
		+	+	+-									-	-		-	
	+	+		+													
			-	+													
	-	-	-	-													
	+		-			_											
	-			-													
			-														
_		-	-														
							-		_						1		

Lowest values recorded

Highest values recorded

S USED						T
Type	Serial No.	Date Accuracy Verified	Manufacturer	Туре	Serial No.	Date Accuracy Verified
HULTI TEST	17030051	JUNE 13				
		Type Serial No.	Date Accuracy	Type Serial No. Date Accuracy Verified Manufacturer	Type Serial No. Date Accuracy Verified Manufacturer Type	Type Serial No. Date Accuracy Verified Manufacturer Type Serial No.





SELECT MEMBERSHIP NUMBER

24062

ELECTRICAL INSTALLATION CONDITION REPORT

(REQUIREMENTS FOR ELECTRICAL INSTALLATIONS — BS 7671 [IET WIRING REGULATIONS])

This report is not valid if the number is defaced or altered

**CR** 03174

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SECTION A. DETAILS OF THE CLIENT / PERSON ORD	
Name: GALLEON CENTRE	
Address: 99 Tichereco St King	PRNOCK
SECTION B. REASON FOR PRODUCING THIS REPORT	Г
Reason: ANNUAL FUSPECTION	
Date(s) on which inspection and testing was carried out:	27/5/12
SECTION C. DETAILS OF THE INSTALLATION WHICH	IS THE SUBJECT OF THIS REPORT
Occupier: GALLEAN CENTRE	
Address: 49 TICHFIELD ST 16	
Description of premises (Tick as appropriate): Domestic   Comme	ercial 🗹 Industrial 🛘 Other 🗖
Estimated age of the wiring system: 2.5. years. Evidence of a	additions or alterations Yes 🔽 No 🛘 Not apparent 🗖
If "Yes" estimate age: years. Installation records available? (Reg	gulation 621.1) Yes No Date of last inspection: 11 3 221
SECTION D. EXTENT AND LIMITATIONS OF INSPECTION	ON AND TESTING
Extent of the electrical installation covered by this report	mmine Pape - CHANGING AREAS
Agreed limitations including the reasons (Regulation 634.2). Agree	ed with: D.C.R.CEY HIGH BAY LIGHTING 101 POOL
INACCESTIBLE, POOLSIDE SOCKET CIRCUIT HI	ot tested as unable to isclate ion some
Operational limitations including the reasons:l.kk.ćADLDCi	NOT TRYCH AS CIRCUITS COULD NOT BE ISCUT
The inspection and testing detailed in this report and accompany 7671:2008 (IET Wiring Regulations), as amended to conduits, under floors, in roof spaces, and generally within the faunless specifically agreed between the client and inspector prior to	ying schedules have been carried out in accordance with BS
conduits, under floors, in roof spaces, and generally within the fa	abric of the building or underground have <b>not</b> been inspected
SECTION E. SUMMARY OF THE CONDITION OF THE II	
General condition of the installation (in terms of electrical safety):	600
Overall assessment of the installation in terms of its suitability for SATISFACTORY / UNSATISEACTORY	
*An unsatisfactory assessment indicates that dangerous (code C1) and	
SECTION F. RECOMMENDATIONS	
Where the overall assessment of the suitability of the installation for con	ntinued use above is stated as UNSATISFACTORY I/we recommend
that any observations classified as 'Danger present' (code C1) or 'Poter	ntially dangerous' (code C2) are acted upon as a matter of urgency.
Investigation without delay is recommended for observations identified a Observations classified as 'Improvement recommended' (code C3) shou	s <i>turtner investigation required</i> ". Id be given due consideration.
Subject to the necessary remedial action being taken, I/we recommend the	
SECTION 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 above, having exercised reasonal hereby declare that the information in this report, including the observation	able skill and care when carrying out the inspection and testing,
of the condition of the electrical installation taking into account the stated	d extent and limitations in Section D of this report.
Inspected and tested by:	Report authorised for issue by:
Name (Capitals) THOMAS M DORTHCOTE	Name (Capitals) WKIIII
Signature Thomas 4 Corthat	Signature CUIKOO.
For/on behalf of DESKOS ELECTRICAL	For/on behalf of WESICOS ELECTRICAL
Position NSPECTOR	Position Properator
Address 6 HOLEHOUSE KOAD LAKGE	Address GLENGERO FARM ARROSSAM
Date 23 5 2012	Date 27 (5) 10
SECTION H. SCHEDULE(S)2schedule(s) of insp	pection andLschedule(s) of test results are attached.
The attached schedule(s) are part of this document and this repo	

SECTION I. SUPPLY	CHARACTERISTICS AND EA	RTHING ARRANGEMENTS as a	boxes and enter details propriate
Earthing arrangements	Number and Type of Live Conductors	Nature of Supply Parameters	Supply Protective Device Characteristics
TN-C	a.c.	Nominal voltage, U/U <sub>o</sub> (1)	BS (EN):NOT KNOW
TN-S	1-phase, 2-wire 2-wire 2	Nominal Frequency, f(1) S.C F	Type: 11.CC
TN-C-S	2-phase, 3-wire 3-wire 3	Prospective fault current, Ipf(2) 2.76k	
п	3-phase, 3-wire □ 3-phase, 4-wire □	External loop impedance, Z <sub>e</sub> <sup>(2)</sup> . \(\Omega:\)	2 63 A
п	Confirmation of supply polarity	(Note: (1) by enquiry, (2) by enquiry or by measure	ement)
Other sources of supply		ection Schedule)	
		EFERRED TO IN THE REPORT	Tick boxes and enter details as appropriate
Means of Earthing	Details of	Installation Earth Electrode (where app	olicable)
Distributor's facility	Туре	Location	Electrode resistance to earth
Installation	(e.g. rod(s), tape etc)		
earth electrode		•••••	Ω
		ective Conductors	antimustry verified D
Earthing Conductor:		csamm² Connection/co	
Main protective bonding conductors	material	csa mm² Connection/co	entinuity verified
To incoming water servi	ce   To incoming gas service	□ To incoming oil service □	To structural steel
To lightning protection	☐ To other incoming service	e(s)   (state details	)
Rated residual operating SECTION K. OBSE	g current $I_{\Delta n} = \dots mA$ , and  RVATIONS  Tick boxes as appropriate Schedules of Inspection and Tes	t Results, and subject to the	ting or setting63A
limitations specified at	Section D, Extent and Limitations o	f the Inspection and Testing observations are made:	Further Investigation
E2 140 formular dollar	OBSERVATION(S)		Code Required (see below) (Yes/No)
	OBSERVATION(O)		
<u> </u>			
T			
***************************************			
,			
1			
One of the following of person(s) responsible	codes, as appropriate, has been a for the installation the degree of urg	llocated to each of the observations majority for remedial action.	de above to indicate to the
	C1 Danger present. Ris	k of injury. Immediate action required.	
		s — urgent remedial action required.	
	C3 Improvement recom	mended.	

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

Note: This form is suitable for many types of smaller installation not exclusively domestic.

	TCOMES	Acceptable condition	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Not verified	N/V	Limitation	LIM	Not ap	plicable	N/A
ITEN No.		IBUTOR'S / SUPF	DI V INTAKE EO	DESCRIP	TION				(Use co	appropria C3 code ad in Sec	omment ate. ed items ition K of	Furth Investig require (Y or	ation
1.1	-	cable condition	LI INTAKE EQ	UIPWENT									
1.2		on of service head		-		5			1	_		7	
1.3	+	on of tails - Distrib							1	1/14		2	
1.4	<del></del>	on of tails - Consu							1	A		IJ	
1.5	+	on of metering equ										N	
1.6		on of isolator (whe										H	
2.0		NCE OF ADEQUA	•	MENTS FOR	OTHER SOL		1.200					N	
	MICRO	GENERATORS (5	51.6; 551.7)	VILINIS FUI	K OTHER SOUI	KCES SUCI	H AS		-	14		Ha	
0	EARTH	ING / BONDING A	ARRANGEMEN	ΓS (411.3; C	hapter 54)								
3.1	Presend	ce and condition of	f distributor's ea	rthing arrang	gement (542.1.2	.1; 542.1.2.	2)			_	T	. 1	
3.2	Presenc	e and condition of	f earth electrode	connection	where applicab	e (542.1.2.	3)		N	Δ		2	-
3.3	Provisio	n of earthing / bon	iding labels at al	l appropriate	e locations (514	13)		-+				<u> </u>	-
3.4		ation of earthing co					<del>-                                    </del>		- N			2	-
3.5	Accessil	bility and condition	of earthing con	ductor at ma	in earthing term	inal (MET)	(543.3.2)					<del>ا</del>	$\dashv$
3.6	Confirma	ation of main prote	ective bonding co	onductor size	es (544.1)		<u>`                                    </u>		N			7	$\dashv$
3.7	Conditio	n and accessibility	of main protect	ive bonding	conductor conn	ections (543	3.3.2; 544.1.2)		- N		7 7	$\dashv$	
3.8	Accessit	oility and condition	of all protective	bonding cor	nnections (543.3	3.2)						$\dashv$	
4.0		MER UNIT(S) / DIS							N	4		2	-
4.1	Adequac	cy of working space	e / accessibility t	o consumer	unit / distribution	n board (13	2.12; 513.1)					- 1	$\neg$
4.2	Security	of fixing (134.1.1)	12								-	7	$\dashv$
4.3		of enclosure(s) in									-	2	$\dashv$
1.4		of enclosure(s) in								_		<del>ان</del>	$\dashv$
		e not damaged/det										7	$\dashv$
1.6		of main linked sw			)							N.	$\dashv$
1.7		n of main switch (fu						_	LI	Н		77	$\dashv$
8.1	Manual o	peration of circuit-	breakers and Ro	CDs to prove	disconnection	(612.13.2)						Ŋ	$\dashv$
.9		lentification of circu							V			<del>ار</del>	$\exists$
.10	Presence	of RCD quarterly	test notice at or	near consu	mer unit / distrib	ution board	(514.12.2)		V			N	$\neg$
$\rightarrow$								- 1	V			N	1
.12	Presence	of alternative supp	ply warning notic	e at or near	consumer unit	/ distribution	board (514.1	5)	N			N	-
		of other required I							1			N	$\exists$
.14	Examination thermal date	on of protective de amage, arcing or o	evice(s) and baseverheating) (42	e(s); correct l.1.3)	type and rating	(no signs o	f unacceptabl	е	V	/		N	1
15	Single-pol	e protective device	es in line conduc	tor only (13	2.14.1; 530.3.2)			-	1.			. *	$\dashv$
16		against mechanic					ion board		~	/		<i>N</i>	1
17 I	Protection poard / en	against electroma closures (521.5.1)	gnetic effects w	here cables	enter consumer	unit / distril	oution		اري ا	<b>+</b>		n ا	
40 1	RCD(s) pro	ovided for fault pro	442 1 4 1										4
18 F	(J)  J. (		rection - include	s RCBOs (4	111.4.9; 411.5.2;	531.2)			1.4			NJ C	1

Associated Report Serial No. CR.O.3.1.74

OUTC	OMES Acceptal condition		~	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Not verified	N/V	Limitation	LIM Not ap	plicable	N/A
TEM No.	DESCRIPTION					OUTCOME (Use codes above. Provide additional comment where appropriate. C1, C2 and C3 coded items to be recorded in Section K of the Condition Report)		Further Investigation required? (Y or N)					
5.0	FINAL CIRCUIT									*			
5.1	Identification of conductors (514.3.1)									N			
5.2	Cables correctly supported throughout their run (522.8.5)						-	/	N				
5.3	Condition of insulation of live parts (416.1)								7				
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)						-		i,i				
5.5	To include the integrity of conduit and trunking systems (metallic and plastic)  Adequacy of cables for current-carrying capacity with regard for the type and nature of								<u>ال</u> ا				
5.6	installation (Section 523)									-			
	Coordination between conductors and overload protective devices (433.1; 533.2.1)									N			
5.7 5.8	Adequacy of protective devices: type and rated current for fault protection (411.3)  Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)							-		الم ا			
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)						/		Ŋ				
10	<u> </u>	concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.101)					.101)	LIH		7			
5.11	Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations) (522.6.101; 522.6.103)						LI M		12				
5.12	Provision of add	itional	pro	tection by RCD	not exceed	ding 30 mA:							
	<ul> <li>for all socket-outlets of rating 20 A or less provided for use by ordinary persons unless an exception is permitted (411.3.3)</li> </ul>						<b>/</b>		. 7				
	<ul> <li>for supply to r</li> </ul>	obile	equi	pment not exce	eeding 32 A	rating for use of	outdoors (4°	11.3.3)		١	49	И	
	<ul> <li>for cables con</li> </ul>										/	N	
5.13	Provision of fire	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)						n 527)	-	14	1		
5.14	Band II cables segregated / separated from Band I cables (528.1)						1	14	. 4				
5.15	Cables segregated / separated from communications cabling (528.2)								<u> </u>	N			
5.16									<u> </u>	Ŋ			
5.17	Termination of o (Section 526)						Section D	of the report		1		1	
	<ul> <li>Connections s</li> </ul>									-		N	
	No basic insulation of a conductor visible outside enclosure (526.8)								/	. N			
	<ul> <li>Connections of live conductors adequately enclosed (526.5)</li> <li>Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)</li> </ul>							-	<u> </u>	N			
										-		<u>u</u>	
5.18		Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii))							<u>/</u>	N			
5.19	or annual value of the same	uitability of accessories for external influences (512.2)							N				
6.0	LOCATION(S)	THE REAL PROPERTY.	1000										
6.1	Additional prote								.3)	<del> </del>		7	
6.2		Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)					NA		N				
6.3	Shaver sockets comply with BS EN 61558-2-5 or BS 3535 (701.512.3)							MA	N				
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2)					9	JA	N					
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3)					,	<u> </u>	N					
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)						~	ما					
6.7	Suitability of equipment for installation in a particular zone (701.512.3)								/	N			
6.8	Suitability of cur	rent-u	sing	equipment for	particular p	osition within th	e location (	701.55)			/	N	
7.0	OTHER PART	SPE	CIAL	INSTALLATIO	ONS OR LO	CATIONS		- 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.			,	·	
7.1	List all other spe particular inspe	ecial in	stal	ations or locati	September 1	SALIS DESIGNATION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COL	d separately	the results o	f	SWIHE	ling Peci	7	

Inspected by;
NAME (CAPITALS) TH NORTHCOTE Signature Thomas U Northeok Date 22/5/12
2011
Page 4. of 5.

# CIRCUIT CHART AND CHEDULE OF TEST RESULTS (15 (CUITS)

Details of circuits and/or installed equipment Associated Certificate/Report Serial No. C.L.O.31.14

LIGHTING AND DRYER CICLUITS vulnerable to damage when testing

Z<sub>s</sub> at DB O · (S ohms I<sub>pf</sub> at DB O · (S kA

SELECT

Remarks Func-tional Festing Z \*200% Ø\_\_\_ Time (ms) Supply polarity confirmed RCD/RCBO Protection 36 28 a<sub>c</sub> 3 5 100% 33 30 3 90 3 30 TEST RESULTS Ā l'An Earth fault loop imped-ance 0175 0.55 80.0 54,0 0.85 0,3 <u>ه</u> Zs C Pol-arity 2 Insulation Resistance (Lowest values measured) 뿌 ğ Phase sequence confirmed (where appropriate) 3 ئ الا N-N CPC-CPC Ring Final Circuit 9 Continuity 5 ب • 33 R,+R2 R1+R2 or R2 옶 4.0 4.0 (2030 32 2.5 2.5 1260 10 Amps 2.5 2.5 1260 32 (-5 1.5 1260 10 2.5 2.5 12.80 10 2 5 1.5 Retto 10 Overcurrent Device Breaking Capacity 25 2.5 Reno Type Distribution Board Reference No. LP 44

Location and Type Pactions. Poor STARE AM Live | CPC  $mm^2$ SSa Wiring Details Ref. Meth-od + CIRCUIT DETAILS No. Type Points (see Noints code below) 1500 000 36 00 2 5 63 23 62 J 3 LADIES CHANG LTS SKT5 2 GENTS CHANG LTS 178 Circuit Description HAND DRYECS 1 CORREGOR LTD PA SOCKET (いとんころのた 4 COCK DOG ġ

† Insert Reference Method (see Table 4A2 from BS 7671 Appendix 4)

999

J

22 PEOPLE DENER.

S FIRE DEOR HAGNIET

IN INAIR DRYERS

\*30mA RCDs only

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30

6,5

95.0 0155

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10:5% 0.95

25 2.5 acho 20

2.5 2.5 0280 20

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4

EBBS HAIR DRYER

HAND DRYERS

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2 60

2.5 2.5 0000 20

202 52 2

13 HIGHLEVEL SKT LADIO

12 POOL COURT

2.5 2.5 0000 16

2.5 2.5 900 20 1.5 1.5 DCBO 6

	_	7	r	-
O (Other - please specify)				
I	VI DE/ON/A Mineral Instilated		W. W. S.	
ŋ	VI DE/CM/A	ALTEROVA		
ш.		TVC/SVVA		
ш		PVC in Plastic Trunking		
O		PVC in Metal Trunking		
	)	PVC in Plastic Conduit		
6	m	DVC in Metal Conduit		
	⋖	0/10/10/10		
	Code for	Wining Too	AVIIII I JAPA	

	Serial No. Verified Verified		Stea 170 500 S1 1516 OT	40	
I	Da		1		
and the second s		+			
TEST INSTRUMENTS USED	Manufacturer		MI DIE AFE HULTI (RSIER		

Tested by: NAME (CAPITALS) 1. DOGTHCOTT

Signature Thomas H North cot ... Date 22/5/2012 Page 5 of 5