

ELECTRICAL INSTALLATION CONDITION REPORT

Park Holidays UK Transportable Accommodation
Unit Report BS7671:2018

CERTIFICATE No.		
HM	20220215	05
CERTIFICATE Nos. To be entered as : PC YYYYMMDD No.		



SECTION A: DETAILS OF THE CLIENT / PERSON ORDERING THE				SECTION B: REASON FOR PRODUCING THIS REPORT			
Hengar Manor.				Due for reinspection.			
Date(s) on which inspection and testing were carried out -				Date(s) 15-02-2022.			
SECTION C: DETAILS OF THE INSTALLATION WHICH IS SUBJECT OF THIS REPORT							
Unit No.		CAR 0054307		Plot No.		029	
Date of last inspection		05-01-2019.		Estimated age of wiring system		15 years.	
Records available? (Regulation 621.1)		YES	NO	Previous certificate No.		~12	
Evidence of additions/alterations		YES	NO	If yes, estimated age		~12	
SECTION D: EXTENT AND LIMITATIONS OF INSPECTION AND TESTING							
Extent of electrical installation covered by this report							
Whole electrical installation contained within this unit only							
Agreed limitations including the reasons (Regulation 634.2)				Operational limitations including the reasons			
No taking of submain.				~12			
Agreed with - Park Holidays UK				Additional page No's if required		~12	
The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 (IET Wiring Regulations) as amended to -							
Date Jan 2018							
It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces and generally within the fabric of the building or underground, have NOT been inspected unless specifically agreed between the client and inspector prior to inspection. An inspection should be made within an accessible roof space housing other electrical equipment.							
SECTION E: SUMMARY OF THE CONDITION OF THE INSTALLATION				SECTION F: RECOMMENDATIONS			
General condition of the installation (in terms of electrical safety)				Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY, I/we recommend that any observations classed as 'Danger present' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further investigation required' (code FI). Observations classified as 'Improvements recommended' (code C3) should be given due consideration.			
NO Departures found installation in good order Gas & water band in place.							
Overall assessment in terms of its suitability for continued use is				Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by -			
SATISFACTORY		UNSATISFACTORY		(Tick as appropriate)			
* An unsatisfactory assessment indicates that dangerous (Code1) or potentially dangerous (Code2) conditions have been identified.				Date 15-02-2027		* Above date may be superseded due to change in occupancy	
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 reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in Section D of this report.							
Inspected and tested by				On behalf of		Office use only	
Name		T LUTTON		Park Holidays UK LTD			
Signature		[Signature]		Glovers House, Glovers End			
Position		Electrician		Bexhill-On-Sea, East Sussex.			
Date		15-02-2022.		TN39 5ES.			
				ECA Membership No. 109952			

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SCHEDULE OF CIRCUIT DETAILS AND TESTS FOR THE INSTALLATION

BOARD DETAILS AND TESTS									
LOCATION OF DISTRIBUTION BOARD					DISTRIBUTION BOARD DESIGNATION				
Kitchen wall					DB Main CAR0054307				
DETAILS OF SUPPLY AT TAU DISTRIBUTION BOARD					TEST INSTRUMENTS (SERIAL NUMBERS) USED				
Z _s	0.16	Ω	Operating times of associated RCD (if any)	@1Δ _n 40.4 ms	Earth fault loop impedance	~1/2	RCD	~1/2	
I _{pr}	1.5	kA		@5Δ _n 14.4 ms	Insulation resistance	~1/2	Multifunction	1630006	
Correct supply polarity confirmed		✓	Meter Reading(s)	25376.	Continuity	~1/2	Other	~1/2	

CIRCUIT DETAILS														
Circuit Number	Circuit designation	Type of wiring	Reference method	No. of points served	Live conductor csa (mm ²)	Earth conductor csa (mm ²)	Max permitted disconnection time	Overcurrent protective device				RCD		Max permitted Z _s Ω
								BS(EN)	Type / No.	Rating A	Short circuit capacity kA	Opp. Current 1Δ _n		
1	Cooker	A	102	1	6	2.5	0.4	60898	B	32	6	~1s	1.37	
2	Light Down	A	102	14	1.0	1.0	0.4	60898	B	6	6	~1s	7.28	
3	Light up	A	102	4	1.0	1.0	0.4	60898	B	6	6	~1s	7.28	
4	Smoke	A	102	2	1.0	1.0	0.4	60898	B	6	6	~1s	7.28	
5	Ring final Downstairs	A	102	10	2.5	1.5	0.4	60898	B	32	6	30	1.37	
6	Ring final upstairs	A	102	8	2.5	1.5	0.4	60898	B	32	6	30	1.37	
7	Spare													
8	Spare													

WIRING CODE								
A	B	C	D	E	F	G	H	O
PVC / PVC cables	PVC cables in metallic conduit	PVC cables in non-metallic conduit	PVC cables in metallic trunking	PVC cables in non-metallic trunking	PVC / SWA cables	XLPE / SWA cables	Mineral insulated cables	Other

DETAILS OF CIRCUITS AND / OR EQUIPMENT VULNERABLE TO DAMAGE														
Led Lights removed for Testing.														


CIRCUIT TESTING																
Circuit Number	Circuit Impedances Ω					Insulation resistance			Polarity	Maximum measured earth loop impedance Ω	RCD Operating times			AFDD Operation	SPD Condition	Remarks See continuation sheet
	Ring final circuits only (measure end to end)			All circuits (at least one column to be completed)		Live to Neutral MΩ	Live to Earth MΩ	Earth to Neutral MΩ			@1Δ _n ms	@5Δ _n ms	Test button operation			
	r ₁ line	r _n neutral	r ₂ cpc	(r ₁ +r ₂)	(r ₂)											
1	~1/2	~1/2	~1/2	0.04	~1/2	2500	2500	2500	✓	0.19	~1/2	~1/2	~1/2	~1/2	~1/2	~1/2
2	~1/2	~1/2	~1/2	0.98	~1/2	2500	2500	2500	✓	0.16	~1/2	~1/2	~1/2	~1/2	~1/2	~1/2
3	~1/2	~1/2	~1/2	0.74	~1/2	2500	2500	2500	✓	0.91	~1/2	~1/2	~1/2	~1/2	~1/2	~1/2
4	~1/2	~1/2	~1/2	0.52	~1/2	2500	2500	2500	✓	0.65	~1/2	~1/2	~1/2	~1/2	~1/2	~1/2
5	0.42	0.42	0.70	0.29	~1/2	2500	2500	2500	✓	0.20	40.6	14.6	✓	~1/2	+	~1/2
6	0.48	0.47	0.89	0.34	~1/2	2500	2500	2500	✓	0.45	40.6	14.6	✓	~1/2	~1/2	~1/2
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TESTED BY			
Name	T WOTTON	Position	Electrician
Signature	T Wotton	Date of testing	15-02-2022.

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CONDITION REPORT INSPECTION SCHEDULE

Outcomes	Acceptable Condition	Tick ✓	Unacceptable Condition	State C1 or C2	Improvement Recommended	State C3	Further Investigation	State FI	Not Verified	State N/V	Limitation	State LIM	Not Applicable	State N/A
Item No.	Description										Outcome	Comments		
4.0	DISTRIBUTION AND FINAL CIRCUITS (CONTINUED)													
4.16	Cables segregated / separated from non-electrical services (528.3)										✓			
4.17	Termination of cables at enclosures (Section 526)													
4.17.1	Connections under no undue strain (526.6)										✓			
4.17.2	No basic insulation of a conductor visible outside enclosure (526.8)										✓			
4.17.3	Connections of live conductors adequately enclosed (526.5)										✓			
4.17.4	Adequacy connected at point of entry to enclosure (glands, bushes, etc.) (522.8.5)										✓			
4.18	Condition of accessories including socket outlets, switches and joint boxes (621.2 iii)										✓			
4.19	Suitability of accessories for external influences (512.2)										✓			
4.20	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.2)										✓			
5.0	ISOLATION AND SWITCHING													
5.1	Isolators (537.2)													
5.1.1	Presence and condition of appropriate devices (537.2.2)										✓			
5.1.2	Acceptable location – State if local or remote from equipment in question (537.2.1.5)										✓			
5.1.3	Capable of being secured on the OFF position (537.2.1.2)										✓			
5.1.4	Correct operation verified (612.13.2)										✓			
5.1.5	Clearly identified by position and / or durable marking(s) (537.2.2.6)										✓			
5.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.2.1.3)										N/A			
5.2	Switching off for mechanical maintenance (537.3)													
5.2.1	Presence and condition of appropriate devices (537.3.1.1)										✓			
5.2.2	Acceptable location – State if local or remote from equipment in question (537.3.2.4)										✓			
5.2.3	Capable of being secured on the OFF position (537.3.2.3)										✓			
5.2.4	Correct operation verified (612.13.2)										✓			
5.2.5	Clearly identified by position and / or durable marking(s) (537.3.4.2)										✓			
6.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)													
6.1	Condition of equipment in terms of IP rating etc (416.2)										✓			
6.2	Equipment does not constitute a fire hazard (Section 421)										✓			
6.3	Enclosure not damaged / deteriorated so as to impair safety (621.2 iii)										✓			
6.4	Suitability for the environment and external influences (512.2)										✓			
6.5	Security of fixing (134.1.1)										✓			
6.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected. (separate sheet)										✓			
6.7	Recessed luminaires (Downlighters)													
6.7.1	Correct type of lamps fitted										✓			
6.7.2	Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2)										N/A			
6.7.3	No signs of overheating to surrounding building fabric (559.4.1)										✓			
6.7.4	No signs of overheating to conductors / terminations (526.1)										✓			
7.0	PART 7 SPECIAL INSTALLATIONS OR LOCATIONS													
7.1	Location(s) containing a bath or shower (Section 701)													
7.1.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.33)										✓			
7.1.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)										N/A			
7.1.3	Shaver sockets comply with BS EN 61558-2-5 formally BS 3535 (701.512.3)										✓			
7.1.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2)										N/A			
7.1.5	Low voltage (e.g. 230V) socket outlet(s) at least 3m from zone 1 (701.512.3)										N/A			
7.1.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)										✓			
7.1.7	Suitability of equipment for installation in a particular zone (701.512.3)										✓			
7.1.8	Suitability of current-using equipment for particular position within the location (701.55)										✓			
7.2	Electrical installations in caravan / camping parks and similar locations (Section 708)													
7.2.1	Connection of any metalwork to P.M.E has not been made as per the electrical safety, quality and continuity regulations 2002 (ESQCR) (708.411.4)										N/A			
7.2.2	Suitability of equipment for external influences for installed location in terms of IP rating (708.512.2)										N/A			
7.2.3	Suitability of current-using equipment and position for caravan pitch electrical supply (708.530.3; 708.553.1)										N/A			
7.2.4	Suitability of equipment and position for connection to caravan pitch electrical supply in terms of IP rating and mechanical protection (where required) (708.553.1)										N/A			
7.2.5	Cable installation methods / practices with regard to the type and nature of installation and external influences (Section 522)										N/A			
7.2.6	Where exposed to direct sunlight, cable of suitable type (522.11.1)										N/A			
INSPECTED BY														
Name		T. WOTTON				Position		Electrician						
Signature						Date of inspection		15-02-2022.						