ELECTRICAL INSTALLATION CONDITION REPORT



A Detaile	of the Client/Derson Orde	ring the Depor	4	P. Door	on for Dradus	ing this Done	et et	
	of the Client/Person Orde	aring the Repor			son for Produc	ing this Repo		
Client:	Wessex RFCA				e of this report:		:	non out for
Address:	Mount House				arly periodic ele rance purposes.		inspection	eportion
	Mount Street				. а со ра. россо.			
	Taunton Somerset							
	TA1 3QE				on which Inspection		0	
					ting was carried out			
C. Details	of the Installation which is	s the Subject o	f this Report			Domestic	Commercial	Industrial
Installation:	1069 Wimborne Squadron	ı		Descri premis	iption of ses:	N/A	N/A	N/A
Occupier:	1069 Wimborne Squadron	<u> </u>		Other:				
Address:	1069 Wimborne Squadron				det Hut			
7 idai 000.	156 Leigh Road			Estima	ated age of wiring sy	stem:		20 yrs
	Wimborne			Evide	nce of alterations		If yes	
	Dorset	BH21 2D)B	or add	litions:	✓	estimated Age	e 5 yrs
Record of	N/A Records held By:	N/A				Date of previnspection:	vious Not I	Known
Installation av								
	and Limitations Inspection							
	trical Installation covered by this rep plete electrical installation, to				tations including the test done by cal	•	ation 653.2)	
IEE	note electrical installation, te	Joeca III accorda	100 10	1011102	test defic by ear	Calation		
				Wessex	,			
			Agreed with name	VVESSEX	•			
	imitations including the reasons (See	e page No N/A)					
None								
This inspectio	n and testing detailed in this report a	and accompanying sc	hedules have bee	n carried ou	it in accordance with	BS7671:2018 (IET	Wiring Regula	ations) as amended
to July 2018	oted that cables concealed within tru							
been inspecte	ed unless specifically agreed betwee	•		•	•			
other electrica	ary of the Condition of the	Installation	Canaral canditi	on of the ine	stellations (In terms of	of alcotrical anfatro		
					stallations (In terms o			
The gene	ral conditon of the electrical	installation is go	od, however th	nere are s	some recommer	ndations of imp	rovements.	
						(1 24) 11		
Overall asse	ssment of the installation Satis		unsatisfactory ass conditions have b		dicates that dangero ed.	us (code C1) and/o	r potentially da	ngerous (code
F. Recomi	mendations							
	rerall assessment of the suitability of					, I recommend	that any obse	rvations classified as
Investigation v	ent' (code C1) or 'Potentially dangero without delay is recommended for ob	servations identified	as 'further investig	gation requir	red' (code FI).			
Observation c	lassified as 'Improvement recommer Subject to the ne	nded' (code C3) shou ecessary remedial act				n is further inspect	ed and tested b	oy 02/11/2025
G. Declara						•		
C. Boolard	which are described abore information in this report,							
	installation taking into ac							
Trading Title and address	I J Cannings & Son Ltd, Stratford House Water Bridge Co	ourt,			NICEIC	Envalue out Niveshor	0140	
and address	Mat ford Park Road,				NICEIC	Enrolment Number	9140	
	Exeter, DEVON, EX2 8EX				Brancl	h No. (If Applicable	0	
Inspected an	d tested by:							
Name Lev	wis Conabeer	Position Appro	oved Electricia	an Sig	gnature		Date	
Report author	orised for issue by:							
Name Ca	llum Harrison	Position Quali	ifying Supervis	sor Sig	gnature		Date	
H. Schedu	Ile(s) The attached schedule(s)) are part of this docu	ment and this repo	ort is valid o	nly when they are at	tached to it.		
2	Schedule(s) of inspection ar	-			ts are attached			
	z z z z z z z z z z z z z z z z z z z		23(3)					

I. Supply C	Characteristic	s and E	arthing A	rrangem	ents										
Earthing Arrangeme			d Type of Li				Nature of	Supply	/ Paramete	rs		Supply	protective	device	
	/A a.c.	V			d.c.	N/A	Nominal	U ⁽¹⁾	400	V	BS(EN)				
111-0					u.o.	14/71	Voltage			ľ		use HE	3C		
TN-C-S	1-Phase (2 wire)	N/A	1-Phase (3 wire)	N/A	2 Wire	N/A	Nominal Voltage	U ₀ ⁽¹⁾	230	V					
TN-C N	/A 2-Phase (3 wire)	N/A			3 Wire	N/A	Nominal frequency Prospective		50	Hz	Type 2				
TT N	/A 3-Phase	N/A	3-Phase	✓	Other	N/A	fault current		0.30	kA					
	(3 wire)	14/71	(4 wire)	Ľ.	Cuioi	14/71	External loop impedance	Ze ⁽²⁾	1.74	Ω	Nominal current r		100	А	
IT N	/A Other N/	A					Number of		1		Short cir		33	1.0	
	Confirmati	on of suppl	y polarity		~		supplies (Note: (1) by e		, (2) by enq	uiry or	capacity	'	33	kA	
J. Particul	ars of Installa	ation Re	ferred to	in the R	eport										
Means	of earthing				D	etails of	f installation Ea	rth El	ectrode (wl	nere ap	oplicable)				
Distributor's facility	✓	Type (e		V/A			Locat	ion	N/A						\neg
Installation	N/A	Resista		N/A			Ω								
earth electrod	• 1377	Earth		.,, .			Meth	od of							
								ureme	ent N/A						
Main Prote	ective Condu	ctors	Tick bo	exes and en	ter deta	ils as ap	plicable								
Earthing Conductor	Mater	ial Co	pper		csa	16	mm ²	C	ontinuity Ve	rified	V	(Connection	Verified	✓
Main protective		ial Co	pper		csa	10	mm ²	C	ontinuity Ve	rified			Connection	Verified	-
bonding condu	ictors		ррог		000	10			onandity vo	mou	<u> </u>			Vormou	<u> </u>
Bonding of Ir Water installati	on Gas i	nstallation	NI/A Stru	ctural N/	۸ L	ightning.	NI/A		Maximun	n Dema	and (Load)			
pip	es 🗸	pipes	N/A Stru	Steel N/		otection			100		Amps				
Oil installati pip	IV/A			Plea	se State	:				e meas	sure(s) aga	ainst elect	ric shock		
			incoming service(s)	N/A N/A	١				ADS					_	
Main Swite	ch / Switch-F	use / Cir	cuit-Brea	iker / RC	D										
Location	Mains Cupb	oard				_		Curr		100	А	Datad	if RCD ma		
								ratin	g e/Device	400		operat	residual tion current,	N/A	mA
									g or setting	100	A	I∆n Rated	time delay	N/A	ms
Type BS(EN)	60947-3			No	of pole	s 3		Volta ratin	•	400	V		Operating	N1/A	4
Supply Conductors	Copper			Supply Conducto	rs 25		_{mm} 2	Tauii	g			time a		N/A	ms
material	Ооррег			csa	is 20		mm ⁻								
K. Observa	ations														
Referring to th	e attached schedu	le(s) of Ins	pection and T	est Results	, and su	bject to	the limitations s	ecifie	d at the Exte	ent and	I Limitation	ns of the Ir	nspection ar	nd testing s	section.
No remedial a	ction is required.	N/A	The follow	ring observa	ations ar	e made	V								
Item No				, and the second			ervations							Cod	de
1	DB1 - 7L2 - co	onductor	s not ident	ified. nee	ds sle			k						С	
2	Heaters shoul							•						C	
3	Disabled WC													С	3
4	Emergency lig		-			ning of	ff power to co	ount _l	points se	rved.				N/	A
5	DB2 plastic D	B does n	ot meet ci	rent regu	ılation	s								С	3
	Observation	s continu	ie on conti	inuation s	sheet(s	s)									
	lowing codes, as a		has been all	ocated to ea	ach of th	e observ	vations made ab	ove to	indicate to	the per	son(s) res	ponsible f	or the instal	lation the	
	esent. Risk of injury		remedial action	on required		0									
C2 - Potentially	/ dangerous - urgen	it remedial a	action required	d		0									
C3 - Improvem	ent recommended					9									
FI - Further inv	estigation required	without de	lay			0									

Boar	d Deta	ils																	
7	O BE CO	MPLETE	D IN EVERY CAS	E	(ONLY T	O BE CO	MPLETE	D IF TH	E DISTR	IBUTION BOARD OF THE INSTAL			IECTED	DIRECT	LY TO T	HE ORIC	SIN	
	ion of bution	Classr	room Hut		d b	supply to istribution oard is to lo of pha	on S from:	SubMa				V	BS(EN))	CD (if any)				
board	bution I nation	DB 2				ype BS		ctive devi			Rating 63		Poles 2				mA		
Circ	uit Deta	ile																	
	ait Dete	IIIS			ing	pouta	erved		Circuit			Overcu	ercurrent protective device				RCD	S (Ω)	
Circuit number and phase	Circuit designation				Type of wiring	Reference method	No of points served	Live mm ²	cpc mm ²	Max permitted disconnection times (s)	BS(EN)	A	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximum permitted Zs (Ω)	
1/L2	Sockets				Α	В	12	2.5	1.5	0.4	60898 MCB			В	32	10	30	1.37	
2/L2	Heaters				A	В	2	2.5	1.5	0.4	60898 MCB			В	20	10	30	2.19	
3/L2 4/L2	Heaters Outside Lig	ıhts		+	A	В 	5	2.5	1.5	0.4	60898 MCB 60898 MCB			В	10	10	30	2.19 4.37	
5/L2	Lights			+	Α	В	11	1	1	0.4	60898 MCB			В	10	10	30	4.37	
Wirir	ng Cod	е																	
A B C D E F G H							0												
	PVC/PVC in cables metallic no				VC cable in n-metall conduit		PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables	XLPE/S cabl			insulated bles	C	ther		

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Board 7	Tests -															
	5.5.1	TO BE CO	OMPLETED	O IN EVERY	CASE				TE	OT INICTOL	'A 4 C NIT	C (CEDIAL N	UMPEDO) LICED		
Correct :	supply pola	arity confirmed	d 🗸	Phase se	equence co	nfirmed			SIINSIRU	JMENT	S (SERIAL N	UMBERS) USED			
		ary Conductor			ppropriate)		✓	Earth fau	226	6446		RCD	2264	446		
	O BE COM	MPLETED IF 1	THE DISTR				ECTED	impedan Insulation	ice			Multi-		1 -10		
		ECTLY TO TI			STALLATIO	ON		resistano		6446		function				
Zs 0.3		2 lpf 0.6 associated R			J/A m			Continuit	ty 226	6446		Other	N/A			
Details of circuits and/or equipment vulnerable to damage N/A																
N/A	N/A															
	Pircuit Tests															
Circuit	Tests															
		Circ	cuit Impedan Ω	ices			lation resis	tance				RC	D	ton	-G	
Circuit number	Rin	g final circuits	s only	All cir (At leas							<u>(S)</u>	Maximum measured	ше	5 -	AFDD Test button operation	rrks nuatio
and phase		easure end to		colu to be con	ımn	Test	Live/	Live/	Live/ Earth	Earth/	Polarity (v)	earth fault loop	ting ti (ms)	butto	D Test bu	Rema conti she
рпазе	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂)	(R ₂)	Voltage	Live MΩ	Neutral MΩ	MΩ	Neutral MΩ	_	impedance Ω	Operating time at I∆ n (ms)	Test button operation	AFDI	Remarks see continuation sheet
1/L2	0.64	0.66	1.26	0.49	N/A	500	N/A	200	200	200		0.87	42			NO
2/L2	N/A	N/A	N/A	0.22	N/A	500	N/A	200	200	200	√	0.60	42	✓		NO
3/L2	N/A	N/A	N/A	0.27	N/A	500	N/A	200	200	200	✓	0.65	42	✓		NO
4/L2	N/A	N/A	N/A	0.65	N/A	500	N/A	200	200	200	✓	1.03	42	✓		
											✓			✓		NO
5/L2	N/A	N/A	N/A	0.74	N/A	500	N/A	200	200	200	✓	1.12	42	✓		NO
										+						
						+				+	-	+		-		
										-						
			<u> </u>				 	 		 			 	-		
					<u> </u>		<u> </u>									
					<u></u>											
									 	+		-		 		
					 		 									
					<u> </u>		<u> </u>				<u> </u>					
Tested	Bv															
Signa								Position		Approve	ad Ele	etrician				4
Olgila	ture									Approve	su Lie	Cuician				
Name)	Lewis	Conabe	er				Date of testing		02/11/20	020					

Boar	rd Detai	ls															
Т	O BE CO	MPLETE	ED IN EVERY CASE		ONLY TO	O BE CO	MPLETE	:D IF THI		IBUTION BOARI OF THE INSTA		ONNE	ECTED	DIRECT	LY TO T	HE ORIO	SIN
Lanot	tion of	Mains	Cupboard	7	Supply to								Asso	ciated R0	CD (if an	y)	
	bution	IVIGILIE	Опроста	l d	distributio poard is fi	on from:	N/A				BS	S(EN)		N/A			
				_	No of pha		N/A			Voltage N/A		D No	of	N/A			
Distrib	bution	DB 1)vercurre		ctive devi	ce for the	e distribut	Po	Poles IN/A						
	nation				Type BS(EN) N/A Rating						A RO	D Ra	ting		mA		
Circu	uit Deta	ils				-					Overcurre	nt pro	taatiyo				
nber se	Φ φ				ethoc	serve		cuit tors csa	itted tion s)			evice	nective			RCD	[S (Ω)
Circuit number and phase	Circuit designation			Type of wiring	Reference method	No of points served	Live mm ²	cpc mm ²	Max permitted disconnection times (s)	disconnect		AFDD Type		Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximum permitted Zs (Ω)
1/L1	Office & Kite	chen Ring	J	A	В	11	2.5	1.5	0.4	61009 RCD/R0	СВО		В	32	10	30	1.37
1/L2	Far Ring			A	В	16	2.5	1.5	0.4	61009 RCD/R0	СВО		В	32	10	30	1.37
1/L3	Heaters 1&	2		A	В	2	2.5	1.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
2/L1	Heaters 3&	4		A	В	2	2.5	1.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
2/L2	Heaters 5&	6		A	В	2	2.5	1.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
2/L3	Heaters 7&	.8		A	В	2	2.5	1.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
3/L1	Heaters 9,1	0 &11		A	В	3	2.5	1.5	0.4	61009 RCD/R0	СВО		В	32	10	30	1.37
3/L2	Heater 12 D	Disabled w	IC IC	A	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
3/L3	Disabled wo	c Hand Dr	ier	А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
4/L1	WC Hand D)rier		A	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
4/L2	Water Heat	er Kitchen	ı	A	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
4/L3	Heater 15 8	16 لأ		A	В	2	2.5	1.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
5/L1	WC hand di	rier 2		A	В	1	2.5	1.5	0.4	61009 RCD/RCBO			В	20	10	30	2.19
5/L2	Lights WCs	front		A	В	11	1	1	0.4	61009 RCD/RCBO			В	6	10	30	7.28
5/L3	Class 1 & 2	Lights		А	В	9	1	1	0.4	61009 RCD/R0	СВО		В	6	10	30	7.28
6/L1	Store & Offi	ice Lights		А	В	7	1	1	0.4	61009 RCD/R0	СВО		В	6	10	30	7.28
6/L2	Hallway Lig	hts		А	В	10	1	1	0.4	61009 RCD/R0	СВО		В	6	10	30	7.28
6/L3	Kitchen Ligi	hts		А	В	5	1	1	0.4	61009 RCD/R0	СВО		В	6	10	30	7.28
7/L1	Fire Alarm			0	В	1	1.5	1	0.4	60898 MCE	3		В	6	10	N/A	7.28
7/L2	Sub Mains(DB 2)		F	С	1	16	16	5	60898 MCE	3		В	63	10	N/A	0.69
7/L3	WC Heaters	s		А	В	2	2.5	1.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
8/L1	Outside Lig	hts		A	В	3	1	1	0.4	61009 RCD/R0	СВО		В	6	10	30	7.28
8/L2	Heat Stat C	ontactor		A	В	2	1	1	0.4	60898 MCE	3		В	6	10	N/A	7.28
8/L3	Frost Stat C	Contactor		А	В	1	1	1	0.4	60898 MCE	3		В	6	10	N/A	7.28
Wirir	ng Code	e															
	P	4	В	С	\top	D	\top	Е	$\overline{}$	F	G			Н	Τ	0	1
	PVC cables PvC pvC in cables metallic no			PVC cable in non-metal conduit	cables PVC in metallic me		ables PVCcab in in allic non-met king trunkin		les PVC/SWA)			LPE/SWA Mineral insulate cables cables			ated Other		

Board 7	Tests															
		TO BE CO	OMPLETED	IN EVERY	CASE				TE	ST INSTRI	JMENT	S (SERIAL N	UMBERS) USED		
Correct	supply pola	arity confirmed	d 🗸		equence co	nfirmed	√	Earth fau				- (,		
Su	pplementa	ary Conductor	rs 🗸	(where a	ppropriate)			loop impedan	220	6446		RCD	2264	146		
ONLY TO		IPLETED IF T					ECTED	Insulation	n 22	6446		Multi- functi	on N/A			
Zs N/	A c	2 lpf N/	A kA					Continuit		6446		Other				
		associated R						Continue	.,	U-1-U			IV//A			
	of circu	iits and/or	equipm	ient vuln	erable to	o dama	ge									
N/A																
Circuit 7	Tests															
Onoun	100.0	Circ	uit Impedar Ω	nces			Insu	lation resis	tance				RC	D	5	_
Circuit number	Pin	g final circuits		All cir							Ξ	Maximum measured	ne		AFDD Test button operation	Remarks see continuation sheet
and phase		easure end to		colu to be cor	ımn	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	earth fault loop	ting til (ms)	Test button operation	D Test bu	Rema contir
priase	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂)	(R ₂)	Vollage	MΩ	MΩ	MΩ	MΩ	<u> </u>	impedance Ω	Operating time at I∆ n (ms)	Test	AFDI	see _
1/L1	0.39	0.42	0.64	0.28	N/A	500	N/A	200	200	200	1	0.58	34	1		NO
1/L2	0.68	0.68	1.11	0.47	N/A	500	N/A	200	200	200	1	0.77	19	1		NO
1/L3	N/A	N/A	N/A	0.30	N/A	500	N/A	200	200	200	1	0.60	20	1		NO
2/L1	N/A	N/A	N/A	0.43	N/A	500	N/A	200	200	200	1	0.73	19	1		NO
2/L2	N/A	N/A	N/A	0.45	N/A	500	N/A	200	200	200	1	0.75	19	1		NO
2/L3	N/A	N/A	N/A	0.26	N/A	500	N/A	200	200	200	1	0.56	19	1		NO
3/L1	N/A	N/A	N/A	0.18	N/A	500	N/A	200	200	200	1	0.48	18	1		NO
3/L2	N/A	N/A	N/A	0.10	N/A	500	N/A	200	200	200	1	0.40	19	1		NO
3/L3	N/A	N/A	N/A	0.35	N/A	500	N/A	200	200	200	1	0.65	19	1		NO
4/L1	N/A	N/A	N/A	0.22	N/A	500	N/A	200	200	200	1	0.52	23	1		NO
4/L2	N/A	N/A	N/A	0.20	N/A	500	N/A	200	200	200	1	0.50	19	1		NO
4/L3	N/A	N/A	N/A	0.08	N/A	500	N/A	200	200	200	1	0.38	19	✓		NO
5/L1	N/A	N/A	N/A	0.14	N/A	500	N/A	200	200	200	1	0.44	19	√		NO
5/L2	N/A	N/A	N/A	0.43	N/A	500	N/A	200	200	200	✓	0.73	19	√		NO
5/L3	N/A	N/A	N/A	0.76	N/A	500	N/A	200	200	200	✓	1.06	20	✓		NO
6/L1	N/A	N/A	N/A	0.79	N/A	500	N/A	200	200	200	✓	1.09	19	1		NO
6/L2	N/A	N/A	N/A	0.96	N/A	500	N/A	200	200	200	1	1.26	22	✓		NO
6/L3	N/A	N/A	N/A	0.61	N/A	500	N/A	200	200	200	1	0.91	20	1		NO
7/L1	N/A	N/A	N/A	0.05	N/A	500	N/A	200	200	200	1	0.35	N/A	N/A		NO
7/L2	N/A	N/A	N/A	0.08	N/A	500	N/A	200	200	200	1	0.38	N/A	N/A		NO
7/L3	N/A	N/A	N/A	0.17	N/A	500	N/A	200	200	200	1	0.42	19	✓		NO
8/L1	N/A	N/A	N/A	0.61	N/A	500	N/A	200	200	200	✓	0.91	19	✓		NO
8/L2	N/A	N/A	N/A	0.23	N/A	500	N/A	200	200	200	1	0.53	N/A	N/A		NO
8/L3	N/A	N/A	N/A	0.24	N/A	500	N/A	200	200	200	1	0.54	N/A	N/A		NO
Tested	Ву															
Signa	iture							Position		Approve	ed Ele	ectrician				
Name	9	Lewis	Conabe	er				Date of testing		02/11/2	020					

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Extent of Electrical Installation covered by this report, Continued. from page 1
wiring regulations BS7671 guidance note 3

Observations Continued from Page 2

Item No	Description	Code
6	DB2 - C4 - x2 outside lights full of water, drilled holes on all outside lights whilst on site, recommend these lights	C3
	are replaced as water damaged. (round 2D fittings)	
7	4.0 CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) 4.4 Condition of enclosure(s) in terms of fire rating etc.	С3
	(421.1.201; 526.5)	
8	recommend surge protection device is fitted on site	C3
9	5.0 FINAL CIRCUITS 5.1 Identification of conductors (514.3.1)	C3
10	5.0 FINAL CIRCUITS 5.19 Suitability of accessories for external influences (512.2)	C3

Code Key

- C1 Danger present. Risk of injury. Immediate remedial action required
- C2 Potentially dangerous urgent remedial action required
- C3 Improvement recommended
- FI Further investigation required without delay