

DOMESTIC PERIODIC INSPECTION REPORT Issued in accordance with British Standard BS 7671 - Requirements for Electrical Installations

					Certi	ficate Reference:	10	014338							
1 DET	AILS OF THE CLIENT	2 ADDRE	SS AND DETA	ILS OF THE INS	STALLATION										
Client:	NETHER WALLOP PARISH COUNCIL	Installation:	AS ABOVE		Estimated age	e of electrical installa	years								
Address:	VILLAGE HALL	Address:			Evidence of a	Iterations NONE	estimated age:	N/A years							
	THE SQUARE				Date of previo	ous 28/12/2016	Installation	493272							
	NETHER WALLOP				inspection:	stallation Per	Cert numb	er:							
	Postcode: SO208EX		Post	code:	available:	YES held	d by: PARI	SH COUNCIL							
3 PUR	POSE OF THE REPORT														
Purpose	Purpose for Safety assessment requested by client.														
report is re	equired:														
A FXT	ENT OF THE INSTALLATION AND L		OF THE INSE	PECTION AND 1	FSTING										
Extent o	f the 100% of the installation.			Agreed limitations,	NONE										
electrical i	nstallation / this			if any, of the inspection and											
report:				testing:											
5 DEC	LARATION														
section 2),	ing the person(s) responsible for the inspection having exercised reasonable skill and care whe	and testing of th carrying out th	e electrical installa e inspection and te	ition (as indicated by esting, hereby declar	e that the informat	s below), particulars tion in this report, ind	of which are de cluding the obs	escribed above (see ervations (see							
section 7)	and the attached schedules, provides an accura	ate assessment of	the condition of the	ne electrical installati	on taking into acco	ount the stated exter	nt of the installa	ation and the							
I/We fur	ther declare that in my/our judgement, the	e said installatio	n was overall in	a satisfacto	ry conditio	on (see section 8)	at the time th	e inspection was							
carried ou	ut, and that it should be further inspected a	as recommende	d (see section 9)												
Name:	S J ANDREWS	Position:	Electrician	Signatu	ire:	A	Date:	02/11/2022							
					-										
Trading	Title: A & M Flectrics I TD														
Address	27 Ferndale Road					Registration Numb	or or or								
riddi 055.	Andover					(if applicable):	9//3								
	Hampshire					Tolonhono Numbor	07860	356001							
						relephone Number	. 07000	000071							
				Postcode:	5P10 3HQ										

Notes: 1) The Domestic Periodic Inspection Report must be used only for reporting on the condition on an existing installation.

2) 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.

This form is based on the model shown in Appendix 6 of BS 7671:2008.

OBSERVATIONS AND R Referring to the attached Sched Extent and Limitations of the Ins ✓ There are no items adversely or N/A The following observations at	SUMMARY OF THE INSPECTION General condition of the installation: IN GOOD CONDITION		
Item No	Observations	Code	
1			
			Date(s) of the inspection: 02/11/2022
			the installation: Satisfactory
			I/We recommend that this installation is
One of the following numbers, as an	propriate, is to be allocated to each of the observations made above	to indicate to the person(s)	further inspected and tested after an interval of not more than:
responsible for the installation the ac	ction recommended.		5 Years
1 'requires urgent attention' or	'requires improvement' or		have been attributed a Recommended
3 'requires further investigation	n' or 4 'does not comply with BS 7671:2008 (as amended This does not imply that the electrical installation i	I)' nspected is unsafe	Code 1 (requires urgent attention) and Code 2 (requires improvement) are
Urgent remedial work recommended for I tems: N/A			remedied without delay and as soon as possible respectively. Items which have
Corrective action(s) N/A recommended for I tems:			been attributed a Recommendation Code 3 should be actioned as soon as practicable.

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10 SUPP		HARAC	TERI	STICS A		EAR1	THI I	NG ARRANG	EMENT	S ro of Su		motors		1	CI	naracteri	stics o	f Prima	ary Supp	oly			
		1-phas		, 1-p	bhase	N/A	, i 1	Nominal II.	240 V	ie or su	Nominal	frequers	acy f	50 Hz	0	vercurre	nt Prot	tective 136	Device(1 Fuse	(s) HBC			
		(2 wire 3-phas	e):	(3) • 3-p	wire): phase	NI / A		voltage(s):	210 1		External	earth f	ault	0.05	B2(EN):							
TN-C-S	~	(3 wire	e): N//	A (4	wire):	N/A		00	230 V		loop imp	edance	, Ze:	0.35 Ω	Т	ype:		_					
TT N	TT N/A Other: N/A								Prospec	ctive fault current, lpf:			2.34 kA	Rated cur	Rated current:			ort-circ pacity:	33	3 kA			
11 PART	ICUL	ARS O	FINS	TALLAT	ΓΙΟΝ	AT 1	ГНЕ	ORIGIN															
Means of E	Earthing	J		Det	ails of	Instal	latio	n Earth Electrode	(where ap	plicable	ble)			I I I Protective	measure(s	anainst							
facility:	acility:					N/A		Location:			N/A			electric sh	ock:	ADS							
Installation earth electro	ode:	N/A	Electro resistai	de nce, RA:	N/A	Ω		Method of measurem	ent:		N/A			Maximum	Demand (L	oad):	60) Amp	s				
	Main S	Switch or	Circuit	-Breaker				I I I			Earth	ning and	d Protec	tive Bonding	Conductors								
BS(EN):	6094	1/-3 Isol	ator \	/oltage rat	ting:	240	V	Conductor	CIOI			Conn	~ r			Conduc	ctor	1/	2 C	ontinuit	У		
poles:	2		ŀ	Rated curre	ent,	100	А	material:				Coppe	er			csa:		16	mm² cł	neck:	•		
Supply		Connor	F	RCD opera	ting			Main protective	bonding c	onducto	rs					Condu	ator		- C	ontinuit	V		
material:	aterial: Copper current:							material:				Coppe	er			csa:	5101	10	mm ² cł	neck:	· ·		
Supply conductors	25 n	nm ²	F	RCD opera ime:	ting	N/A	ms	Bonding of extr	aneous-co V Ga	nductive s servic	e parts e: N/A	Oil sei	rvice: N	J/A Lightnin	g protectior	n: N/A	Struct	ural [N/A	Other	. N/A		
12/SCHE			FMS	INSPEC	TFD			1		Identi	fication (Continu	ued)		Cables	s and cor	nductor	rs (Cor	ntinued)		<u>, </u>		
Methods of p	orotecti	on agains	st electr	ic shock	Electr	ical Se	para	tion		V	Presence	of othe	r warning d wiring	g notices, inclu colours	ding 🗸	Connect	tion of a	conduct	ors				
Basic and fai	ult prot	ection: S	SELV	~	~	Provi equip	ded f	or one item of curr t	ent-using	~	Labelling	of prote	ective de	vices,	Presence of fire barrier					 suitable seals and nal effects 			
Double or re	einforce le or Rei	d insulati nforced In	on: sulation		Additi	onal p	roted	ction:		~	switches	and teri	minals conducto	rs	al								
Basic protect	tion:	noroou m	Sulation		V	Prese	ence o	of residual current	esidual current device(s)			ductors	sonadoto		~	Presenc devices	e and correct location of appropriate for isolation and switching						
Insula	ation of I	ive parts			~	condi	uctors	s supplementary c	onung		Selection	of conc	luctors fo	or current	~	Adequacy of access to switchgear and other							
✔ Barrie	ers or en	closures			Preve	ntion c Proxi	of mu mity	utual detrimental of non-electrical se	influence ervices	~	Erection	method		lage urop	~	Particul	ar prote	ective m	neasures	for spec	ial		
Fault protect Automatic di	tion: isconne	ction of s	vlaqu			and c	other egatio	influences on of Band I and Ba	and II	~	Routing	of cables	s in presc	ribed zones		installat	tions an	id locati	ons ole devic	cos for			
V Preser	nce of ea	arthing cor	nductor			circui	its or	use of Band II insu	ulation		or within Cables in	nechar ncorpora	tina eartl	ection hed armour or	~	protecti	on or s	witching	g in line o	conducto	rs		
Preser condu	nce of ci Ictors	rcuit prote	ective		V	Segre	egatio	on of safety circuits	5	V	sheath, o	or run w	ithin an e wise ade	earthed wiring	ted 🗸	Correct	connec	tion of	accessor	ies and			
Preser condu	nce of m	ain protec	tive bon	iding	V	Prese	ence o	of diagrams, instru-	ctions,		against r	nails, scr	ews and	the like		Selectio	ent on of eq	uipmen	t and pro	otective			
Choice	tting of pr	otective	and	V	Prese	ence o	of danger notices		~	RCD for	cables in	conceal	ed walls (where	e	measur	es appr	opriate	to exter	nal influe	ences			
and/o	oring de or overcu	irrent prot	ection)	lection							supervisi	in prem ion of sk	illed or in	nstructed perso	ons) 🖌	Selection of appropriate functional switching devices							
13 SCHE	DUL	OFIT	EMS	TESTED													0						
External earth fault loop impedance, Ze						~	Cor	ntinuity of ring fina	l circuit cono	ductors	✓ Polarity			,		~	 Operation of residual current device(s) 						
N/A Installation earth electrode resistance, RA						~	Ins	ulation resistance b	petween live	conduct	ors	~	Earth fa	ault loop imped	lance, Zs	~	Funct	ional te	esting of	assembli	es		
🖌 Contir	protective	conduct	ors		~	Instand	ulation resistance b Learth	between live	conduct	ors	N/A	Verifica	tion of phase s	equence	ce Verification of voltage drop								

This form is based on the model shown in Appendix 6 of BS 7671:2008.

14 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS																														
Desi consu	gnation of mer unit:	D.	.B. 1				L	ocation:		E	ENTI	RAN	CE HA	LL	F	Prospe current	ctive fa	ault	2.34	kA	Type of O-Other	Wiring :								
			Reference Method		Ciro condu cs	cuit ictors: sa	time 7671	Overcurr d	ent pr levices	otectiv	/e	RCD	7671		Circuit im	npedance	es (Ohms	;)		Insulation resistance				Ired		RCD				
Circuit number	Circuit designation	Type of wiring		Number of points served	Live	s Max disconnect	Max disconnect i permitted by BS	BS(EN)	Type No	⊳ Rating	∑ Capacity	∃ Operating ≥ current, In	ש currient, ווו Maximum Z _S permitted by B	Ring f (meas r1 (Line)	inal circui ured end rn (Neutral)	ts only to end) r2 (cpc)	All ci (one co be con R1+R2	R2	ΔM Uine - Line	ΔM Line - Neutral	ΔM Uine - Earth	⊠ Meutral - Earth	Polarity	Maximum measu 0 earth fault loop impedance Z _s	B Disconnection time at In	a Disconnection & time at 5In	 Test button operation 			
1	ENTRANCE HALL AND AUDIO ROOM SOCKETS	A	A	8	2.5	1.5	0.4	60898	В	32	6	30	1.10	0.38	.38	.55	0.20	N/A	Lim	> 200	> 200	> 200	~	0.53	29	13	~			
2	SOCKET ON BEAM L/H FAR	Α	Α	1	2.5	1.5	0.4	60898	В	16	6	30	2.18	N/A	N/A	N/A	0.38	N/A	Lim	> 200	> 200	> 200	~	0.47	29	13	~			
3	SOCKET ON BEAM R/H FAR	A	A	1	2.5	1.5	0.4	60898	В	16	6	30	2.18	N/A	N/A	N/A	0.41	N/A	Lim	> 200	> 200	> 200	~	0.51	29	13	~			
4	R/H SIDEDOWN LIGHTS AND WALL LIGHTS IN MAIN HALL	A	A	20	1.5	1.0	0.4	60898	В	6	6	30	5.82	N/A	N/A	N/A	.66	N/A	Lim	> 200	> 200	> 200	~	0.75	29	13	~			
5	ENTRANCE HALL AUDIO ROOM OUTSIDE AND PORCH LIGHTS	A	A	9	1.5	1.0	0.4	60898	В	6	6	30	5.82	N/A	N/A	N/A	.51	N/A	Lim	> 200	> 200	> 200	~	0.60	29	13	~			
6	MAIN HALL SOCKETS	Α	Α	7	2.5	1.5	0.4	60898	В	32	6	30	1.10	.82	.81	1.02	0.42	N/A	Lim	> 200	> 200	> 200	~	0.74	29	14	~			
7	SOCKET ON BEAM R/H NEAR	A	A	1	2.5	1.5	0.4	60898	В	16	6	30	2.18	N/A	N/A	N/A	0.42	N/A	Lim	> 200	> 200	> 200	r	0.51	29	14	~			
8	SOCKET ON BEAM L/H MIDDLE	A	A	1	2.5	1.5	0.4	60898	В	16	6	30	2.18	N/A	N/A	N/A	0.44	N/A	Lim	> 200	> 200	> 200	V	0.53	29	14	~			
9	L/HSIDE DOWN LIGHTS IN MAIN HALL	A	A	12	1.5	1.0	0.4	60898	В	6	6	30	5.82	N/A	N/A	N/A	.59	N/A	Lim	> 200	> 200	> 200	~	0.68	29	14	~			
10	FIRE ALARM	Α	Α	1	1.5	1.0	0.4	60898	В	6	6	30	5.82	N/A	N/A	N/A	.9	N/A	Lim	> 200	> 200	> 200	~	0.18	29	14	~			
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
15															001	22.20			otioutitu	1	0	Q1 02	2 72							
Earth electrode resistance: 8812373										Earth fault loop impedance:							001 23 73								881 23 72					
 This fo	rm is based on the model sh	nown	in A	ppend	dix 6 o	f BS 7	7671:	2008.		-						F	Ref: 10	014338	8					0120	, , ς Ρε	age: 4	4 of 6			

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Designation of Prospective fault D.B. 2 Location: MAINS CUPBOARD 2.34 kΑ consumer unit: current: Circuit Insulation connect time d by BS7671 Overcurrent protective BS7671 Maximum measured earth fault loop impedance Z_S RCD conductors: Circuit impedances (Ohms) RCD resistance devices csa All circuits Reference Method Earth Disconnection time at 5In Ring final circuits only Disconnection time at In Neutral (one column to Z_S by (measured end to end) Number of points served Earth button Inmber Circuit designation Type of wiring Operating current, In be completed) Max discon permitted t Maximum 2 permitted t Line 7 Capacity ŝ Live срс BS(EN) Neutral Polarity Rating Type Line Test cuit Line Line r1 r2 R1+R2 R2 rn Ci mm² mm² А kΑ mA Ω MΩ MΩ MΩ MΩ r Ω S (Line) (Neutral) (cpc) ms ms r N/A 1.5 0.4 V 1 L/H SIDE FRONT HEATER А А 2.5 60898 В 16 6 N/A 2.18 N/A N/A N/A .12 N/A Lim > 200 > 200 > 200 V 0.21 39 13 V 2 **R/H SIDE REAR HEATER** А А 1 2.5 1.5 0.4 60898 В 16 30 2.18 N/A N/A N/A 0.30 N/A Lim > 200 > 200 > 200 V 0.39 39 13 6 3 R/H SIDE MIDDLE HEATER А 1 2.5 1.5 0.4 60898 В 30 2.18 N/A N/A 0.21 N/A Lim > 200 > 200 > 200 r 0.30 39 13 V А 16 6 N/A L/H SIDE REAR HEATER 1 1.5 0.4 N/A 13 ~ А 2.5 60898 В 30 2.18 N/A 0.21 N/A Lim > 200 > 200 > 200 0.30 39 4 А 16 6 N/A V 5 RL/H SIDE FRONT HEATER А А 1 2.5 1.5 0.4 60898 В 16 30 2.18 N/A N/A N/A 0.16 N/A Lim > 200 > 200 > 200 1 0.25 39 13 ~ 6 N/A 0 - Other В С D F G Н Α CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral insulated/sheathed TYPE OF cables in cables in cables in cables in N/A /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Designation of D.B. 3											Location: STORE ROOM 2										P c	3	kA					
					Circuit conductors:		ne 571	Overcurre	ent pr	otectiv	/e	RCD	571		Circuit im	pedance	es (Ohms)		Insu	ation			p		RCD		
nber	Circuit designation	ring	Method	fed	CS	a	connect tin ed by BS76		evices			p L	m Z _S ed by BS76	Ring fi (measu	nal circui	ts only to end)	All ci (one co be com	rcuits olumn to opleted)	e	entral	htra	- Earth		m measure ult loop nce Z _S	ection	ection 5In	ton r	
Circuit nur		Type of wi	Reference	Number of points serv	Live mm ²	срс mm ²	Max disc permitte	BS(EN)	Type No	⊳ Rating	¥ Capacity	 Dperatir Current, 	⁵ Maximul β permitte	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	ΩM Line - Li	- Line ΩM	ΩW Une - Ea	Ω Neutral	 Polarity 	Maximul D earth fa impedar	Bisconn s time at	Bisconn s time at	 Test but operatio 	
1	DISHWASHER	A	А	1	6	4	0.4	60898	В	32	6	30	1.10	N/A	N/A	N/A	0.18	N/A	Lim	> 200	> 200	> 200	~	0.44	49	15	~	
2	HALL AND STORE ROOM SOCKETS	A	A	9	2.5	1.5	0.4	60898	В	32	6	30	1.10	.51	.51	0.62	0.20	N/A	Lim	> 200	> 200	> 200	~	0.66	49	15	~	
3	WATER HEATER	Α	А	1	2.5	1.5	0.4	60898	В	20	6	30	1.75	N/A	N/A	N/A	0.11	N/A	Lim	> 200	> 200	> 200	~	0.37	49	15	~	
4	SOLAR	Α	Α	1	6	4	0.4	60898	В	16	6	30	2.18	N/A	N/A	N/A	0.10	N/A	Lim	> 200	> 200	> 200	~	0.36	49	15	V	
5	WATER TREATMENT PUMP	Α	А	1	2.5	1.5	0.4	60898	В	16	6	30	2.18	N/A	N/A	N/A	0.14	N/A	Lim	> 200	> 200	> 200	~	0.40	49	15	~	
6	STORE ROOM 1 AND TOILET LIGHTS	A	A	7	1.5	1.0	0.4	60898	В	6	6	30	5.82	N/A	N/A	N/A	0.35	N/A	Lim	> 200	> 200	> 200	~	0.61	49	15	~	
7	OVEN	Α	А	1	10	6	0.4	60898	В	32	6	30	1.10	N/A	N/A	N/A	0.21	N/A	Lim	> 200	> 200	> 200	~	.47	39	15	~	
8	SERVING HATCH DOOR	Α	А	1	2.5	1.5	0.4	60898	В	20	6	30	1.75	N/A	N/A	N/A	0.26	N/A	Lim	> 200	> 200	> 200	~	0.52	39	15	~	
9	KITCHEN SOCKETS	Α	А	9	2.5	1.5	0.4	60898	В	32	6	30	1.10	.35	.38	0.49	0.24	N/A	Lim	> 200	> 200	> 200	~	0.56	39	15	~	
10	R/H TOILET HAND DRYER	Α	А	1	2.5	1.5	0.4	60898	В	16	6	30	2.18	N/A	N/A	N/A	0.16	N/A	Lim	> 200	> 200	> 200	~	0.42	39	15	~	
11	LR/H TOILET HAND DRYER	Α	А	1	2.5	1.5	0.4	60898	В	16	6	30	2.18	N/A	N/A	N/A	0.14	N/A	Lim	> 200	> 200	> 200	~	0.40	39	15	~	
12	HALL KITCHEN STORE ROOM 2 AND REAR OUTSIDE LIGHTS	A	A	13	1.5	1.0	0.4	60898	В	6	6	30	5.82	N/A	N/A	N/A	.60	N/A	Lim	> 200	> 200	> 200	V	0.86	39	15	~	
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
CODES FOR Thermoplastic TYPE OF insulated/sheathed WI RI NG cables			B Thermoplastic cables in metallic conduit			C Thermoplastic The cables in c nonmetallic conduit meta			ermopl ables illic tru	D rmoplastic ables in Ilic trunking r			E Thermoplastic cables in nonmetallic trunking			noplasti A cables	c TI	G Thermosetting /SWA cables insu			H Mineral sulated cables			N/A				