DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE Issued in accordance with British Standard BS 7671 - Requirements for Electrical Installations

			Certificate Reference:	10938299
DETAILS OF T	HE CLIENT			
Client: Mr Aaron	Singh			
Address: 69 Hathe	erly Road, Reading, E	Berkshire, RG1 5QE		
2 DETAILS AND	EXTENT OF TH	E INSTALLATION		
Installation Address:	Same as Client Ad	ldress		
Extent of the installation covered by this certificate:	Installation of new property. Initial v certificate.	v consumer unit, pow verification testing and	ver circuits, and lighting circu d inspection of all associated	its, after full re-wire of the items is covered by this
The installation is:	New installation	✓ Addition existing	n to an Installation N/A	Alteration to an existing installation N/A
COMMENTS O	ON EXISTING IN	STALLATION		
None.				
A NEXT INSPE I RECOMMEND that t of not more than:	and all which the rest of the William of	ner inspected and tested	d after an interval	10 Years
5 TEST INSTRU		ial and/or asset numbe		
Multi-functional:	A CARL AND A		electrode resistance:	
Insulation resistance:		Concerning and the second s	fault loop impedance:	Separate models - service entropy from the sector of th
Continuity:		RCD:		
I/We being the perso by my/our signatures I out the design, constru	on(s) responsible for the below), particulars of v action, inspection and	which are described abo testing, hereby CERTIE	, inspection and testing of the e ove, having exercised reasonab Y that the design work for whic	electrical installation (as indicate le skill and care when carrying th I/we have been reponsible is xcept for the departures, if any,
Details of departures find None	rom BS 7671, as amer	nded (Regulations 120.)	3, 133.5):	
Details of permitted ex N/A	ceptions (Regulations	411.3.3):	Ris	k assessment attached
The extent of liability of	f the signatory/signat		Nepersonal de la companya de la comp	
For the DESIGN, the	CONSTRUCTION, an	d the INSPECTION A	ork described above as the sub ND TESTING of the installat	ject of this certificate.
Name: Nicky	Uppal Positio			Date: 30/09/2011
	eston Road	rect (ELECSA Membe		NAMES OF A DESCRIPTION OF A
Houn			Registration Number (if applicable):	59342
Middl	esex		Telephone Number:	07914 692 638
		Postcode: TW5 00	ζW	and the second state of the second state of the

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1 50	CHEDULE OF ITEMS INSPECTED								
Item	Description	Outcome							
5.0	ADDITIONAL PROTECTION								
5.1	Presence and effectiveness of additional protection methods:								
5.1.1	RCD(s) not exceeding 30mA operating current (415.1; Part 7), see Item 8.14 of this schedule	1							
5.1.2	Supplementary bonding (415.2; Part 7)	N/A							
6.0	OTHER METHODS OF PROTECTION								
6.1	Presence and effectiveness of methods which give both basic and fault protection:								
6.1.1	SELV systems including the source and associated circuits (Section 414)	N/A							
6.1.2	PELV systems, including the source and associated circuits (Section 414)	N/A							
6.1.3	le or reinforced insulation i.e. Class II or equivalent equipment and associated circuits (Section 412)								
6.1.4	Electrical separation for one item or equipment e.g. shaver supply unit (Section 413)	N/A							
7.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)								
7.1	Adeqacy of access and working space for items of electrical equipment including switchgear (132.12)	1							
7.2	Presence of linked main switch(s) (537.1.4; 537.1.5; 537.1.6)	N/A							
7.3	Isolators, for every circuit or group of circuits and all items of equipment (537.2)	N/A							
7.4	Suitability of enclosure(s) for IP and fire ratings (416.2; 421.1.6; 421.1.201)	1							
7.5	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.11)	1							
7.6	Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure (526.1)	1							
7.7	Avoidance of heating affects where cables enter ferromagnetic enclosures e.g. steel (521.5)	1							
7.8	Selection of correct type and ratings or circuit protective devices for overcurrent and fault protection (411.3.2; 411.4, .5, .6; Sections 432, 433)								
7.9	Presence of appropriate circuit charts, warning and other notices:								
7.9.1	Provision of circuit charts/schedules or equivalent forms of information (514.9)	1							
7.9.2	Warning notice of method of isolation where live parts not capable of being isolated by a single device (514.11)	1							
7.9.3	Periodic inspection and testing notice (514.12.1)	1							
7.9.4	RCD quarterly test notice; where required (514.12.2)	1							
7.9.5	Warning notice of non-standard (mixed) colours of conductors present (514.14)	1							
7.10									
8.0	CIRCUITS								
8.1	Adequacy of conductors for current-carrying capacity with regard to type and nature of the installation (Section 523)	1							
8.2	Cable installation methods suitable for the location(s) and external influences (Section 522)								
8.3	Segregation/separation of Band I (ELV) and Band II (LV) circuits, and electrical and non-electrical sevices (528)	1							
8.4	Cables correctly erected and supported throughout including escape routes, with protection against abrasion (Sections 521, 522)	1							
8.5	Provision of fire barriers, sealing arrangments where necessary (527.2)	V							
8.6	Non-sheathed cables enclosed throughout in conduit, ducting or trunking (521.10.1; 526.8)	N/A							
8.7	Cables concealed under floors, above ceilings or in wall/partitions, adequately protected against damage (522.6.201, .202, .204)	1							
8.8	Conductors correctly identified by colour, lettering or numbering (Section 514)	1							
8.9									
8.10	Cables and conductors correctly connected, enclosed and with no undue mechanical strain (Section 526)	1							
8.11	No basic insulation of a conductor visible outside enclosure (526.8)	1							
8.12	Single-pole devices for switching or protection in line conductors only (132.14.1; 530.3.2)	1							
8.13	Accessories not damaged, securely fixed, correctly connected, suitable for external influences (134.1.1; 512.2, Section 526)	1							

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De	signation of Main DB				RES ocatio			Und	der S	stair	s			rospec urrent:	tive fau	It	1.2	kA O	of V-Other:	wiring			N/A			
		in the second			Circuit conductors: 0129 csa 0129		nnect time by BS7671	Overcurrent protective devices					BS7671	Circuit impedances (Ohms)					Insu resis	lation tance		sured	RCD			
Circuit number	Circuit designation		Reference Method	Number of points served	1000		Max disconnect permitted by BS	BS(EN)	Type No	Rating	Capacity	Operating current	2g	(meas	Ring final circuits only (measured end to end r1 rn r2		(one co	rcuits lumn to ipleted) R2	Live - Live	Live - Earth	Polarity	Maximum measured earth fault loop impedance Zs	Disconnection time at In	Disconnection time at 5In	Test button	
Circuit		Type	Refer	Num	mm ²	mm ²			Ţ	A	kA	53 mA	žå Ω	r1 (Line)	(Neutral)	(cpc)	KITK2	NZ.	MΩ	Ω MΩ	v ₽	Σ Φ.5 Ω	ms	ms	F,	
1	Shower 1	A	В	1	10	6	0.4	60898	В	40	6	30	1.09	N/A	N/A	N/A	0.55	N/A	> 200	> 200	1	0.73	28.1	22.1	v	
2	Sockets - Kitchen	A	В	6	2.5	1.5	0.4	60898	В	32	6	30	1.37	0.28	0.28	0.44	0.49	N/A	> 200	> 200	1	0.68	28.1	22.1	-	
3	Boiler	A	В	1	2.5	1.5	0.4	60898	В	16	6	30	2.73	N/A	N/A	N/A	0.16	N/A	> 200	> 200	1	0.35	28.1	22.1	1	
4	Lighting - Kitchen	A	100	6	1.5	1.0	0.4	60898	В	6	6	30	7.28	N/A	N/A	N/A	0.30	N/A	> 200	> 200	1	0.48	28.1	22.1	1	
5	Smoke Alarms	A	100	3	1.5	1.0	0.4	60898	В	6	6	30	7.28	N/A	N/A	N/A	0.21	N/A	> 200	> 200	1	0.40	28.1	22.1	1	
6	Shower 2	A	В	1	10	6	0.4	60898	В	40	6	30	1.09	N/A	N/A	N/A	0.59	N/A	> 200	> 200	1	0.77	28.9	22.9	1	
7	Sockets - First Floor	A	В	10	2.5	1.5	0.4	60898	В	32	6	30	1.37	0.78	0.78	1.23	0.66	N/A	> 200	> 200	1	0.83	28.9	22.9	1	
8	Sockets - Ground Floor	A	В	9	2.5	1.5	0.4	60898	В	32	6	30	1.37	0.49	0.49	0.78	0.44	N/A	> 200	> 200	1	0.64	28.9	22.9	1	
9	Lighting - First Floor	A	100	6	1.5	1.0	0.4	60898	В	6	6	30	7.28	N/A	N/A	N/A	0.70	N/A	> 200	> 200	1	0.88	28.9	22.9	1	
10	Lighting - Ground Floor	A	100	4	1.5	1.0	0.4	60898	В	6	6	30	7.28	N/A	N/A	N/A	0.50	N/A	> 200	> 200	1	0.68	28.9	22.9	1	
11	Spare	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			
12	Spare	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//	
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