

MAXWELL STEWART

Certificate

of

Electrical Installation Testing

for

EXCHEQUER COURT

at

**4TH FLOOR
ST MARYS AXE
LONDON**

Further to the remedial works being carried out on the above site
following the periodic inspection in November 2010

*We declare that in our judgement the aforementioned site
is now in a satisfactory condition to BS7671 the
Institute of Electrical Engineers 17th Edition Wiring Regulations*

This does not apply to any additional electrical works carried out
by others since the periodic inspection date in November 2010

Or any wear and tear, or deterioration or damage to the
electrical installation since this date.

Name: Martin Cook

Signed: 

Date: MARCH 2011

NICEIC REGISTRATION NUMBER 32237

Maxwell Stewart Maint. The Coach House Bury Lane Rickmansworth Herts WD3 1DP

CERTIFICATE NUMBER:

11879/1

ORIGINAL

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS		Details of departures, if any, from BS 7671 (as amended):								
Client:	Maxwell Stewart Maintenance	None								
Date minor works completed:	03/03/2011	Contract reference, if any:								
Description of the minor works:	Downrated MCB DBPNR/8									
		Location/address of the minor works: Exchequer Court 4th Floor St Marys Axe London EC3A 8AA								

PART 2: DETAILS OF THE MODIFIED CIRCUIT		Essential inspections and tests								
System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)	60898		Type	C	Rating	20	A		
Residual current device (if applicable):	BS(EN)	N/A		Type	N/A	$I_{\Delta n}$	N/A	mA		
Details of wiring system used to modify the circuit: Type	PVC in metallic trunking		Reference method	csa of lives	2.5	mm ²	csa of cpc	2.5	mm ²	
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:	0.4 s		Maximum Z_s permitted by BS 7671		1.15 Ω					
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS																
† Confirmation that necessary inspections have been undertaken						✓	(✓)	† Confirmation of the adequacy of earthing					✓	(✓)		
† Circuit resistance: $R_1 + R_2$ 0.21 Ω or R_2 N/A Ω						† Confirmation of the adequacy of protective bonding						✓	(✓)			
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)						Line/Line*	N/A	M Ω	† Confirmation of correct polarity						✓	(✓)
						Line/Neutral*	>200	M Ω	† Maximum measured earth fault loop impedance, Z_s						0.4	Ω
						† Line/Earth*	>200	M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)						N/A	ms
						† Neutral/Earth	>200	M Ω	RCD operating time at 5 $I_{\Delta n}$, if applicable						N/A	ms
Agreed limitations, if any, on the inspection and testing:																
None																

PART 4: DECLARATION												
I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.												
* as issued												
Name (CAPITALS)	STEVE TURNER			For and on behalf of (Trading Title of Approved Contractor)	Ohmega Testing Services Ltd							
Signature				Address and Postcode	41 The Marlowes Hemel Hempstead Herts							
Position	ELECTRICIAN											
Date	14/03/2011											
Registration Number	3	2	2	3	7	:	:	:	:	:	HP1 1LD	
(The registration number is essential information)												

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/2

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 – Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBPNR/3L2

Location/address of the minor works:

Exchequer Court
 4th Floor
 St Marys Axe
 London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:		ADS								
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	B	Rating	20	A	
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A	$I_{\Delta n}$	N/A	mA	
Details of wiring system used to modify the circuit	Type	PVC in metallic trunking	Reference method	B	csa of lives	2.5 mm ²	csa of cpc	2.5 mm ²		
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:				0.4 s	Maximum Z_s permitted by BS 7671			2.3	Ω	
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: $R_1 + R_2$ 0.15 Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* N/A MΩ	† Confirmation of correct polarity	✓ (✓)
	Line/Neutral* >200 MΩ	† Maximum measured earth fault loop impedance, Z_s	0.36 Ω
	† Line/Earth* >200 MΩ	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
	† Neutral/Earth >200 MΩ	† RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms

Agreed limitations, if any, on the inspection and testing:

None

PART 4: DECLARATION

I We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER
 Signature 
 Position ELECTRICIAN
 Date 14/03/2011
 Registration Number 3 2 2 3 7

For and on behalf of
 (Trading Title of
 Approved Contractor)
 Address and Postcode
 41 The Marlowes
 Hemel Hempstead
 Herts
 HP1 1LD

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/3

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBPNR/3L3

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:		ADS								
Overcurrent protective device for the modified circuit:	BS(EN)	60898		Type	B		Rating	20	A	
Residual current device (if applicable):	BS(EN)	N/A		Type	N/A	$I_{\Delta n}$	N/A	mA		
Details of wiring system used to modify the circuit	Type	PVC in metallic trunking	Reference method	B	csa of lives	2.5 mm ²	csa of cpc	2.5 mm ²		
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:				0.4 s	Maximum Z_s permitted by BS 7671			2.3	Ω	

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

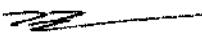
† Confirmation that necessary inspections have been undertaken	✓	(✓)	† Confirmation of the adequacy of earthing	✓	(✓)
† Circuit resistance: $R_1 + R_2$ 0.19 Ω or R_2 N/A Ω			† Confirmation of the adequacy of protective bonding	✓	(✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line*	N/A MΩ	† Confirmation of correct polarity	✓	(✓)
	Line/Neutral*	>200 MΩ	† Maximum measured earth fault loop impedance, Z_s	0.37	Ω
	† Line/Earth*	>200 MΩ	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A	ms
	† Neutral/Earth	>200 MΩ	† RCD operating time at $5I_{\Delta n}$ (if applicable)	N/A	ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS)	STEVE TURNER	For and on behalf of (Trading Title of Approved Contractor)	Ohmega Testing Services Ltd
Signature		Address and Postcode	41 The Marlowes Hemel Hempstead Herts
Position	ELECTRICIAN		HP1 1LD
Date	14/03/2011		
Registration Number	3 2 2 3 7		(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/4

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBPNR/4L2

Location/address of the minor works:

Exchequer Court
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)	61009		Type	C	Rating	20	A		
Residual current device (if applicable):	BS(EN)	61009		Type	Type C	$I_{\Delta n}$	30	mA		
Details of wiring system used to modify the circuit: Type	PVC in metallic trunking	Reference method	B	csa of lives	2.5	mm ²	csa of cpc	2.5	mm ²	
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:	0.4	s	Maximum Z_s permitted by BS 7671	1666	Ω					

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

+Essential inspections and tests

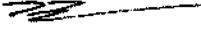
+ Confirmation that necessary inspections have been undertaken	✓ (✓)	+ Confirmation of the adequacy of earthing	✓ (✓)
+ Circuit resistance: $R_1 + R_2$ 0.25 Ω or R_2 N/A Ω		+ Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* N/A MΩ	+ Confirmation of correct polarity	✓ (✓)
	Line/Neutral* >200 MΩ	+ Maximum measured earth fault loop impedance, Z_s	0.49 Ω
	+ Line/Earth* >200 MΩ	+ RCD operating time at $I_{\Delta n}$ (if RCD fitted)	11.3 ms
	+ Neutral/Earth >200 MΩ	RCD operating time at $5I_{\Delta n}$, if applicable	9.5 ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER
 Signature 
 Position ELECTRICIAN
 Date 14/03/2011
 Registration Number 3 2 2 3 7

For and on behalf of
(Trading Title of
Approved Contractor)

Address and Postcode

Ohmega Testing Services Ltd

41 The Marlowes
Hemel Hempstead
Herts

HP1 1LD

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/5

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBPNB/4L1

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:		ADS								
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	B	Rating	20	A	
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A	$I_{\Delta n}$	N/A	mA	
Details of wiring system used to modify the circuit: Type	PVC in metallic trunking		Reference method	B	csa of lives	2.5 mm ²	csa of cpc	2.5 mm ²		
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:				0.4 s	Maximum Z_s permitted by BS 7671			2.3	Ω	

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)	
† Circuit resistance: $R_1 + R_2$ 0.1 Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)	
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* Line/Neutral* † Line/Earth* † Neutral/Earth	N/A MΩ >200 MΩ >200 MΩ >200 MΩ	† Confirmation of correct polarity	✓ (✓)
			† Maximum measured earth fault loop impedance, Z_s	0.16 Ω
			† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
			RCD operating time at 5 $I_{\Delta n}$, if applicable	N/A ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER
 Signature 
 Position ELECTRICIAN
 Date 14/03/2011
 Registration Number 3 2 2 3 7

For and on behalf of
(Trading Title of
Approved Contractor)

Ohmega Testing Services Ltd

Address and Postcode

41 The Marlowes
Hemel Hempstead
Herts

HP1 1LD

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/6

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 – Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Replaced damaged light fitting level -2, Stairwell 4.

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)	60898		Type	B		Rating	10	A	
Residual current device (if applicable):	BS(EN)		N/A	Type	N/A	I _{Δn}	N/A	mA		
Details of wiring system used to modify the circuit	Type	PVC in metallic trunking	Reference method	B	csa of lives	1.5 mm ²	csa of cpc	1.5 mm ²		
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:			0.4 s	Maximum Z _s permitted by BS 7671	4.6	Ω				

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: R ₁ + R ₂ 0.53 Ω or R ₂ N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: <i>(* In a multi-phase circuit, record the lower or lowest value, as appropriate)</i>	Line/Line* N/A MΩ	† Confirmation of correct polarity	✓ (✓)
	Line/Neutral* LIM MΩ	† Maximum measured earth fault loop impedance, Z _s	0.69 Ω
	† Line/Earth* LIM MΩ	† RCD operating time at I _{Δn} (if RCD fitted)	N/A ms
	† Neutral/Earth LIM MΩ	RCD operating time at 5I _{Δn} , if applicable	N/A ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER
 Signature 
 Position ELECTRICIAN
 Date 14/03/2011
 Registration Number 3 2 2 3 7

For and on behalf of
Trading Test of
Approved Contractor

Ohmega Testing Services Ltd

Address and Postcode

41 The Marlowes
Hemel Hempstead
Herts

HP1 1LD

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/7

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 – Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBB2N/2L1

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	60898		Rating	20	A
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A		$I_{\Delta n}$	N/A	mA
Details of wiring system used to modify the circuit: Type	PVC in metallic trunking		Reference method	B	csa of lives	4	mm ²	csa of cpc	4	mm ²
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:	0.4	s	Maximum Z_s permitted by BS 7671	2.3	Ω					
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: $R_1 + R_2$ 0.28 Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* N/A $M\Omega$	† Confirmation of correct polarity	✓ (✓)
	Line/Neutral* >200 $M\Omega$	† Maximum measured earth fault loop impedance, Z_s	0.33 Ω
	† Line/Earth* >200 $M\Omega$	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
	† Neutral/Earth >200 $M\Omega$	RCD operating time at 5 $I_{\Delta n}$, if applicable	N/A ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER

For and on behalf of
(Trading Title of
Approved Contractor)

Ohmega Testing Services Ltd

Signature

Address and Postcode

41 The Marlowes
Hemel Hempstead
Herts

Position ELECTRICIAN

HP1 1LD

Date 14/03/2011

Registration Number 3 2 2 3 7

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/8

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBB2N/2L3

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:		ADS								
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	60898		Rating	20	A
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A		$I_{\Delta n}$	N/A	mA
Details of wiring system used to modify the circuit	Type	PVC in metallic trunking	Reference method	B	csa of lives	4	mm ²	csa of cpc	4	mm ²
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:			0.4	s	Maximum Z_s permitted by BS 7671			2.3	Ω	

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

+Essential inspections and tests

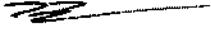
+ Confirmation that necessary inspections have been undertaken	✓	(✓)	+ Confirmation of the adequacy of earthing	✓	(✓)
+ Circuit resistance: $R_1 + R_2$ 0.19 Ω or R_2 N/A Ω			+ Confirmation of the adequacy of protective bonding	✓	(✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line*	N/A MΩ	+ Confirmation of correct polarity	✓	(✓)
	Line/Neutral*	>200 MΩ	+ Maximum measured earth fault loop impedance, Z_s	0.22	Ω
	† Line/Earth*	>200 MΩ	+ RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A	ms
	† Neutral/Earth	>200 MΩ	RCD operating time at $5I_{\Delta n}$ if applicable	N/A	ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS)	STEVE TURNER	For and on behalf of (Trading Title or Approved Contractor)	Ohmega Testing Services Ltd
Signature			
Position	ELECTRICIAN	Address and Postcode	41 The Marlowes Hemel Hempstead Herts
Date	14/03/2011		HP1 1LD
Registration Number	3 2 2 3 7		(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/9

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBB2N/5L1

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:		ADS								
Overcurrent protective device for the modified circuit:	BS(EN)	60898			Type	60898		Rating	20	A
Residual current device (if applicable):	BS(EN)	N/A			Type	N/A		$I_{\Delta n}$	N/A	mA
Details of wiring system used to modify the circuit: Type	XLPE/SWA cables		Reference method	C	csa of lives	2.5 mm ²	csa of cpc	2.5 mm ²		
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:				0.4 s	Maximum Z_s permitted by BS 7671			2.3	Ω	

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

[†]Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: $R_1 + R_2$ 0.51 Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: † In a multi-phase circuit, record the lower or lowest value, as appropriate	Line/Line* N/A MΩ	† Confirmation of correct polarity	✓ (✓)
	Line/Neutral* >200 MΩ	† Maximum measured earth fault loop impedance, Z_s	0.59 Ω
	† Line/Earth* >200 MΩ	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
	† Neutral/Earth >200 MΩ	† RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER

For and on behalf of
(Trading Title of
Approved Contractor)

Ohmega Testing Services Ltd

Signature

Address
and Postcode

41 The Marlowes
Hemel Hempstead
Herts

Position ELECTRICIAN

HP1 1LD

Date 14/03/2011

Registration
Number 3 2 2 3 7

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/10

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBNC4/7

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements: TN-C-S N/A TN-S ✓ TT N/A TN-C N/A IT N/A

Protective measure(s) against electric shock: ADS

Overcurrent protective device for the modified circuit: BS(EN) 60898 Type 60898 Rating 20 A

Residual current device (if applicable): BS(EN) N/A Type N/A $I_{\Delta n}$ N/A mA

Details of wiring system used to modify the circuit: Type MICC cables Reference method E csa of lives 2.5 mm² csa of cpc micc mm²

Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671: 0.4 s Maximum Z_s permitted by BS 7671 2.3 Ω

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

+ Essential inspections and tests

+ Confirmation that necessary inspections have been undertaken	✓ (✓)	+ Confirmation of the adequacy of earthing	✓ (✓)
+ Circuit resistance: $R_1 + R_2$ 0.5 Ω or R_2 N/A Ω		+ Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* N/A MΩ	+ Confirmation of correct polarity	✓ (✓)
	Line/Neutral* >200 MΩ	+ Maximum measured earth fault loop impedance, Z_s 0.55 Ω	
	+ Line/Earth* >200 MΩ	+ RCD operating time at $I_{\Delta n}$ (if RCD fitted) N/A ms	
	+ Neutral/Earth >200 MΩ	RCD operating time at 5 $I_{\Delta n}$, if applicable N/A ms	

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS)	STEVE TURNER	For and on behalf of (Trading Title of Approved Contractor)	Ohmega Testing Services Ltd
Signature		Address and Postcode	41 The Marlowes Hemel Hempstead Herts HP1 1LD
Position	ELECTRICIAN		
Date	14/03/2011		
Registration Number	3 2 2 3 7	(The registration number is essential information)	

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/11

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBNC4/9

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)	60898		Type	B		Rating	20	A	
Residual current device (if applicable):	BS(EN)	N/A		Type	N/A		$I_{\Delta n}$	N/A	mA	
Details of wiring system used to modify the circuit: Type	MICC cables									
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:	0.4	s	Maximum Z_s permitted by BS 7671	2.3	Ω					
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓	(✓)	† Confirmation of the adequacy of earthing	✓	(✓)	
† Circuit resistance: $R_1 + R_2$ LIM Ω or R_2 N/A Ω			† Confirmation of the adequacy of protective bonding	✓	(✓)	
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line*	N/A	MΩ	† Confirmation of correct polarity	✓	(✓)
	Line/Neutral*	LIM	MΩ	† Maximum measured earth fault loop impedance, Z_s	LIM	Ω
	† Line/Earth*	LIM	MΩ	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A	ms
	† Neutral/Earth	LIM	MΩ	RCD operating time at $5I_{\Delta n}$, if applicable	N/A	ms

Agreed limitations, if any, on the inspection and testing:
 Unable to fully test circuit.

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS)	STEVE TURNER	For and on behalf of (Trading Title of Approved Contractor)	Ohmega Testing Services Ltd
Signature		Address and Postcode	41 The Marlowes Hemel Hempstead Herts HP1 1LD
Position	ELECTRICIAN		
Date	14/03/2011		
Registration Number	3 2 2 3 7	(The registration number is essential information)	

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/12

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 – Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Replaced light switch in BMS Office

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
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Protective measure(s) against electric shock:	ADS									
---	-----	--	--	--	--	--	--	--	--	--

Overcurrent protective device for the modified circuit:	BS(EN)	60898	Type	C	Rating	10	A
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Residual current device (if applicable):	BS(EN)	N/A	Type	N/A	$I_{\Delta n}$	N/A	mA
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Details of wiring system used to modify the circuit	Type	PVC cables in metallic conduit	Reference method	csa of lives	2.5	mm ²	csa of cpc	2.5	mm ²
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Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:	0.4	s	Maximum Z_s permitted by BS 7671	2.3	Ω
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Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

+Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)	
† Circuit resistance: $R_1 + R_2$ 0.22 Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)	
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* Line/Neutral* † Line/Earth* † Neutral/Earth	N/A MΩ LIM MΩ LIM MΩ LIM MΩ	† Confirmation of correct polarity	✓ (✓)
			† Maximum measured earth fault loop impedance, Z_s	0.4 Ω
			† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
			† RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

*as issued

Name (CAPITALS) STEVE TURNER

For and on behalf of
(Trading Title of
Approved Contractor)

Ohmega Testing Services Ltd

Signature

Address and Postcode

41 The Marlowes
Hemel Hempstead
Herts

Position ELECTRICIAN

Date 14/03/2011

HP1 1LD

Registration Number 3 2 2 3 7

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/13

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBBS2/2L2

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:		ADS								
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	B	Rating	20	A	
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A	$I_{\Delta n}$	N/A	mA	
Details of wiring system used to modify the circuit: Type PVC cables in metallic conduit			Reference method	B	csa of lives	2.5 mm ²	csa of cpc	2.5 mm ²		
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:				0.4 s	Maximum Z_s permitted by BS 7671			2.3	Ω	
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: $R_1 + R_2$ 0.6 Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* Line/Neutral* † Line/Earth* † Neutral/Earth	N/A M Ω >200 M Ω >200 M Ω >200 M Ω	† Confirmation of correct polarity † Maximum measured earth fault loop impedance, Z_s 0.71 Ω † RCD operating time at $I_{\Delta n}$ (if RCD fitted) N/A ms RCD operating time at $5I_{\Delta n}$, if applicable N/A ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER

For and on behalf of
(Trading Name of
Approved Contractor)

Ohmega Testing Services Ltd

Signature

Address
and Postcode

41 The Marlowes
Hemel Hempstead
Herts

Position ELECTRICIAN

Date 14/03/2011

HP1 1LD

Registration
Number

3 | 2 | 2 | 3 | 7 |

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/14

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBBS2/4L2

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	IT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:		ADS								
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	B	Rating	20	A	
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A	$I_{\Delta n}$	N/A	mA	
Details of wiring system used to modify the circuit	Type	PVC in metallic trunking	Reference method	B	csa of lives	4	mm ²	csa of cpc	4	mm ²
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:				0.4	s	Maximum Z_s permitted by BS 7671		2.3	Ω	

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

(Essential inspections and tests)

† Confirmation that necessary inspections have been undertaken	✓	(✓)	† Confirmation of the adequacy of earthing	✓	(✓)
† Circuit resistance: $R_1 + R_2$ 0.5 Ω or R_2 N/A Ω			† Confirmation of the adequacy of protective bonding	✓	(✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line*	N/A MΩ	† Confirmation of correct polarity	✓	(✓)
	Line/Neutral*	>200 MΩ	† Maximum measured earth fault loop impedance, Z_s	0.58	Ω
	† Line/Earth*	>200 MΩ	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A	ms
	† Neutral/Earth	>200 MΩ	† RCD operating time at $5I_{\Delta n}$ (if applicable)	N/A	ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER

For and on behalf of
(Trading Title of
Approved Contractor)

Ohmega Testing Services Ltd

Signature

Address
and Postcode

41 The Marlowes
Hemel Hempstead
Herts

Position ELECTRICIAN

Date 14/03/2011

Registration Number 3 2 2 3 7

HP1 1LD

(The registration number is essential information)

CERTIFICATE NUMBER:

11879/15

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBBS2/5L1

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)	60898		Type	B		Rating	20	A	
Residual current device (if applicable):	BS(EN)		N/A	Type	N/A		I_{AN}	N/A	mA	
Details of wiring system used to modify the circuit: Type	XLPE/SWA cables		Reference method	C	csa of lives	2.5 mm ²	csa of cpc	2.5 mm ²		
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:	0.4	s	Maximum Z_s permitted by BS 7671	2.3	Ω					

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: $R_1 + R_2$ 0.22 Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* N/A MΩ	† Confirmation of correct polarity	✓ (✓)
	Line/Neutral* >200 MΩ	† Maximum measured earth fault loop impedance, Z_s	0.32 Ω
	† Line/Earth* >200 MΩ	† RCD operating time at I_{AN} (if RCD fitted)	N/A ms
	† Neutral/Earth >200 MΩ	RCD operating time at 5 I_{AN} , if applicable	N/A ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER
 Signature 
 Position ELECTRICIAN
 Date 14/03/2011
 Registration Number 3 2 2 3 7

For and on behalf of
(Trading Title of
Approved Contractor)

Ohmega Testing Services Ltd

Address and Postcode

41 The Marlowes
Hemel Hempstead
Herts

HP1 1LD

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
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CERTIFICATE NUMBER:

11879/16

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBBS2/5L2

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
--	--------	-----	------	---	----	-----	------	-----	----	-----

Protective measure(s) against electric shock: ADS

Overcurrent protective device for the modified circuit: BS(EN) 60898

Residual current device (if applicable): BS(EN) N/A

Details of wiring system used to modify the circuit: Type XLPE/SWA cables

Reference method C csa of lives 6 mm² csa of cpc 6 mm²

Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:

0.4 s Maximum Z_s permitted by BS 7671 0.7187 Ω

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

+Essential inspections and tests

+ Confirmation that necessary inspections have been undertaken	✓ (✓)
+ Circuit resistance: R ₁ + R ₂ 0.18 Ω or R ₂ N/A Ω	
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* N/A MΩ
	Line/Neutral* >200 MΩ
	+ Line/Earth* >200 MΩ
	+ Neutral/Earth >200 MΩ

+ Confirmation of the adequacy of earthing	✓ (✓)
+ Confirmation of the adequacy of protective bonding	✓ (✓)
+ Confirmation of correct polarity	✓ (✓)
+ Maximum measured earth fault loop impedance, Z _s	0.3 Ω
+ RCD operating time at I _{Δn} (if RCD fitted)	N/A ms
RCD operating time at 5I _{Δn} if applicable	N/A ms

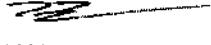
Agreed limitations, if any, on the inspection and testing:

None

PART 4: DECLARATION

We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER
 Signature 
 Position ELECTRICIAN
 Date 14/03/2011
 Registration Number 3 2 2 3 7

For and on behalf of
 (Trading Title of
 Approved Contractor)
 Address and Postcode
 41 The Marlowes
 Hemel Hempstead
 Herts

HP1 1LD

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/17

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBBSB/3

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements: TN-C-S N/A TN-S ✓ TT N/A TN-C N/A IT N/A

Protective measure(s) against electric shock: ADS

Overcurrent protective device for the modified circuit: BS(EN) 60898 Type B Rating 20 A

Residual current device (if applicable): BS(EN) N/A Type N/A $I_{\Delta n}$ N/A mA

Details of wiring system used to modify the circuit: Type PVC cables in metallic conduit Reference method B csa of lives 2.5 mm² csa of cpc 2.5 mm²

Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671: 0.4 s Maximum Z_s permitted by BS 7671 2.3 Ω

Comments, if any, on existing installation:

None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

t Essential inspections and tests

<i>t</i> Confirmation that necessary inspections have been undertaken	✓ (✓)	<i>t</i> Confirmation of the adequacy of earthing	✓ (✓)	
<i>t</i> Circuit resistance: $R_1 + R_2$ LIM Ω or R_2 N/A Ω		<i>t</i> Confirmation of the adequacy of protective bonding	✓ (✓)	
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* Line/Neutral* Line/Earth* Neutral/Earth	N/A MΩ [†] LIM MΩ [†] LIM MΩ [†] LIM MΩ [†]	<i>t</i> Confirmation of correct polarity	✓ (✓)
			<i>t</i> Maximum measured earth fault loop impedance, Z_s LIM Ω	
			<i>t</i> RCD operating time at $I_{\Delta n}$ (if RCD fitted) N/A ms	
			<i>t</i> RCD operating time at $5I_{\Delta n}$, if applicable N/A ms	

Agreed limitations, if any, on the inspection and testing:

Unable to trace circuit

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER

For and on behalf of
Trading Title of
Approved Contractor

Ohmega Testing Services Ltd

Signature

Address and Postcode

41 The Marlowes
Hemel Hempstead
Herts

Position ELECTRICIAN

HP1 1LD

Date 14/03/2011

Registration Number 3 | 2 | 2 | 3 | 7

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/18

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 – Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBBSB/5

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:

TN-C-S N/A

TN-S ✓

TT N/A

TN-C N/A

IT N/A

Protective measure(s) against electric shock:

ADS

Overcurrent protective device for the modified circuit:

BS(EN)

60898

Type

B

Rating

20

A

Residual current device (if applicable):

BS(EN)

N/A

Type

N/A

$I_{\Delta n}$

N/A

mA

Details of wiring system used to modify the circuit: Type PVC cables in metallic conduit

Reference method

B

csa of lives

2.5

mm²

csa of cpc

2.5

mm²

Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:

0.4 s Maximum Z_s permitted by BS 7671 2.3 Ω

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

+ Essential inspections and tests

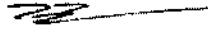
+ Confirmation that necessary inspections have been undertaken	✓ (✓)	+ Confirmation of the adequacy of earthing	✓ (✓)	
+ Circuit resistance: $R_1 + R_2$ LIM Ω or R_2 N/A Ω		+ Confirmation of the adequacy of protective bonding	✓ (✓)	
Insulation resistance: (*In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* Line/Neutral* † Line/Earth* † Neutral/Earth	N/A MΩ [†] LIM MΩ [†] LIM MΩ [†] LIM MΩ [†]	+ Confirmation of correct polarity	✓ (✓)
			+ Maximum measured earth fault loop impedance, Z_s LIM Ω	
			+ RCD operating time at $I_{\Delta n}$ (if RCD fitted) N/A ms	
			+ RCD operating time at $5I_{\Delta n}$, if applicable N/A ms	

Agreed limitations, if any, on the inspection and testing:
Unable to trace circuit

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER
 Signature 
 Position ELECTRICIAN
 Date 14/03/2011
 Registration Number 3 2 2 3 7

For and on behalf of
Trading Test of
Approved Contractor

Address and Postcode

Ohmega Testing Services Ltd

41 The Marlowes
Hemel Hempstead
Herts

HP1 1LD

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/19

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBBSB/6

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	B	Rating	20	A	
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A	$I_{\Delta n}$	N/A	mA	
Details of wiring system used to modify the circuit: Type PVC cables in metallic conduit			Reference method	B	csa of lives	2.5 mm ²	csa of cpc	2.5 mm ²		
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:				0.4 s	Maximum Z_s permitted by BS 7671			2.3	Ω	
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)	
† Circuit resistance: $R_1 + R_2$ LIM Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)	
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* Line/Neutral* † Line/Earth* † Neutral/Earth	N/A M Ω LIM M Ω LIM M Ω LIM M Ω	† Confirmation of correct polarity	✓ (✓)
			† Maximum measured earth fault loop impedance, Z_s LIM Ω	
			† RCD operating time at $I_{\Delta n}$ (if RCD fitted) N/A ms	
			† RCD operating time at $5I_{\Delta n}$, if applicable N/A ms	

Agreed limitations, if any, on the inspection and testing:
Unable to trace circuit

PART 4: DECLARATION

We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER

For and on behalf of
(Trading Title of
Approved Contractor)

Ohmega Testing Services Ltd

Signature

Address and Postcode

41 The Marlowes
Hemel Hempstead
Herts

Position ELECTRICIAN

HP1 1LD

Date 14/03/2011

Registration
Number

3 | 2 | 2 | 3 | 7 |

(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/20

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client:	Maxwell Stewart Maintenance	Details of departures, if any, from BS 7671 (as amended):
Date minor works completed:	03/03/2011	Contract reference, if any:
Description of the minor works:	Downrated MCB DBBSB/4	Location/address of the minor works:
		Exchequer Court 4th Floor St Marys Axe London EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	B	Rating	20	A	
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A	$I_{\Delta n}$	N/A	mA	
Details of wiring system used to modify the circuit	Type PVC cables in metallic conduit									
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:			0.4		s	Maximum Z_s permitted by BS 7671	2.3		Ω	
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Confirmation that necessary inspections have been undertaken					† Essential inspections and tests					
† Circuit resistance:	$R_1 + R_2$	0.1	Ω	or	R_2	N/A	Ω	† Confirmation of the adequacy of earthing	✓	(✓)
Insulation resistance:	(* In a multi-phase circuit, record the lower or lowest value, as appropriate)				Line/Line*	N/A	$M\Omega$	† Confirmation of the adequacy of protective bonding	✓	(✓)
					Line/Neutral*	>200	$M\Omega$	† Confirmation of correct polarity	✓	(✓)
					† Line/Earth*	>200	$M\Omega$	† Maximum measured earth fault loop impedance, Z_s	0.22	Ω
					† Neutral/Earth	>200	$M\Omega$	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A	ms
								RCD operating time at $5I_{\Delta n}$, if applicable	N/A	ms

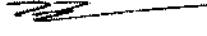
Agreed limitations, if any, on the inspection and testing:

None

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER
 Signature 
 Position ELECTRICIAN
 Date 14/03/2011
 Registration Number 3 | 2 | 2 | 3 | 7 |

For and on behalf of
 (Trading Name of
 Approved Contractor)

Address
 and Postcode

Ohmega Testing Services Ltd

41 The Marlowes
 Hemel Hempstead
 Herts

HP1 1LD

(The registration number is essential information)

CERTIFICATE NUMBER:

11879/21

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Replaced faulty RCD socket in Gas Meter Room

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
--	--------	-----	------	---	----	-----	------	-----	----	-----

Protective measure(s) against electric shock: ADS

Overcurrent protective device for the modified circuit: BS(EN) 60898 Type B Rating 32 A

Residual current device (if applicable): BS(EN) 61008 Type RCD I_{AN} 30 mA

Details of wiring system used to modify the circuit: Type PVC cables in metallic conduit Reference method B csa of lives 2.5 mm² csa of cpc 2.5 mm²

Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671: 0.4 s Maximum Z_s permitted by BS 7671 1.4375 Ω

Comments, if any, on existing installation:

None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: $R_1 + R_2$ 0.08 Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: <i>(* In a multi-phase circuit, record the lower or lowest value, as appropriate)</i>	Line/Line* N/A MΩ	† Confirmation of correct polarity	✓ (✓)
	Line/Neutral* >200 MΩ	† Maximum measured earth fault loop impedance, Z_s 0.23 Ω	
	† Line/Earth* >200 MΩ	† RCD operating time at I_{AN} (if RCD fitted) 44.6 ms	
	† Neutral/Earth >200 MΩ	† RCD operating time at $5I_{AN}$, if applicable 22.9 ms	

Agreed limitations, if any, on the inspection and testing:

None

PART 4: DECLARATION

We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER

For and on behalf of
(Trading Title of
Approved Contractor)

Ohmega Testing Services Ltd

Signature

Address
and Postcode

41 The Marlowes
Hemel Hempstead
Herts

Position ELECTRICIAN

Date 14/03/2011

Registration Number 3 2 2 3 7

(The registration number is essential information)

HP1 1LD

CERTIFICATE NUMBER:

11879/22

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBB1N/10

Location/address of the minor works:

Exchequer Court
 4th Floor
 St Marys Axe
 London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
--	--------	-----	------	---	----	-----	------	-----	----	-----

Protective measure(s) against electric shock: ADS

Overcurrent protective device for the modified circuit: BS(EN) 60898 Type C Rating 20 A

Residual current device (if applicable): BS(EN) N/A Type N/A I_{AN} N/A ms

Details of wiring system used to modify the circuit: Type XLPE/SWA cables Reference method C csa of lives 4 mm² csa of cpc swa mm²

Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671: 0.4 s Maximum Z_s permitted by BS 7671 1.15 Ω

Comments, if any, on existing installation:
 None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: R ₁ + R ₂ LIM Ω or R ₂ N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: <small>(* In a multi-phase circuit, record the lower or lowest value, as appropriate)</small>	Line/Line* N/A MΩ	† Confirmation of correct polarity	✓ (✓)
	Line/Neutral* LIM MΩ	† Maximum measured earth fault loop impedance, Z _s LIM Ω	
	† Line/Earth* LIM MΩ	† RCD operating time at I _{AN} (if RCD fitted) N/A ms	
	† Neutral/Earth LIM MΩ	† RCD operating time at 5I _{AN} if applicable N/A ms	

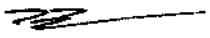
Agreed limitations, if any, on the inspection and testing:

Unable to access to full test.

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS)	STEVE TURNER	For and on behalf of <small>(Trading as or Approved Contractor)</small>	Ohmega Testing Services Ltd
Signature		Address and Postcode	41 The Marlowes Hemel Hempstead Herts HP1 1LD
Position	ELECTRICIAN		
Date	14/03/2011		
Registration Number	3 2 2 3 7		(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/23

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBB1N/12

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	C	Rating	40	A	
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A	$I_{\Delta n}$	N/A	mA	
Details of wiring system used to modify the circuit: Type	XLPE/SWA cables		Reference method	C	csa of lives	4	mm ²	csa of cpc	swa	mm ²
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:				0.4	s	Maximum Z_s permitted by BS 7671		0.575	Ω	
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: $R_1 + R_2$ LIM Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* N/A MΩ	† Confirmation of correct polarity	✓ (✓)
	Line/Neutral* LIM MΩ	† Maximum measured earth fault loop impedance, Z_s	LIM Ω
	† Line/Earth* LIM MΩ	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
	† Neutral/Earth LIM MΩ	† RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms

Agreed limitations, if any, on the inspection and testing:
Unable to access to full test.

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER

For and on behalf of
(Trading Title of
Approved Contractor)

Ohmega Testing Services Ltd

Signature

Address
and Postcode

41 The Marlowes
Hemel Hempstead
Herts

Position ELECTRICIAN

HP1 1LD

Date 14/03/2011

Registration
Number 3 2 2 3 7

(The registration number is essential information)

CERTIFICATE NUMBER:

11879/24

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS		Details of departures, if any, from BS 7671 (as amended):
Client: Maxwell Stewart Maintenance		None
Date minor works completed: 03/03/2011	Contract reference, if any:	
Description of the minor works: Downrated MCB DBB1N/13		Location/address of the minor works: Exchequer Court 4th Floor St Marys Axe London EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT											
System type and earthing arrangements:		TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:		ADS									
Overcurrent protective device for the modified circuit:		BS(EN)	60898		Type	C	Rating	40	A		
Residual current device (if applicable):		BS(EN)	N/A		Type	N/A	$I_{\Delta n}$	N/A	mA		
Details of wiring system used to modify the circuit	Type	XLPE/SWA cables		Reference method	C	csa of lives	4	mm ²	csa of cpc	swa	mm ²
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:		0.4 s		Maximum Z_s permitted by BS 7671		0.575		Ω			
Comments, if any, on existing installation: None											

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS <small>†Essential inspections and tests</small>												
† Confirmation that necessary inspections have been undertaken						✓ (✓)						
† Circuit resistance: $R_1 + R_2$		LIM	Ω	or	R_2	N/A	Ω	† Confirmation of the adequacy of earthing		✓	(✓)	
Insulation resistance: <small>(* In a multi-phase circuit, record the lower or lowest value, as appropriate)</small>		Line/Line*	N/A	MΩ	Line/Neutral*		LIM	MΩ	† Confirmation of the adequacy of protective bonding		✓	(✓)
		Line/Neutral*	LIM	MΩ	† Confirmation of correct polarity		✓	(✓)	† Maximum measured earth fault loop impedance, Z_s		LIM	Ω
		† Line/Earth*	LIM	MΩ	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)		N/A	ms	† RCD operating time at $5I_{\Delta n}$, if applicable		N/A	ms
		† Neutral/Earth	LIM	MΩ								

Agreed limitations, if any, on the inspection and testing:
Unable to access to full test.

PART 4: DECLARATION											
I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.											
* as issued											
Name (CAPITALS)	STEVE TURNER			For and on behalf of <small>(Trading Name of Approved Contractor)</small>		Ohmega Testing Services Ltd					
Signature											
Position	ELECTRICIAN			Address and Postcode		41 The Marlowes Hemel Hempstead Herts					
Date	14/03/2011										
Registration Number	3	2	2	3	7						
<small>(The registration number is essential information)</small>											
HP1 1LD											

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/25

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBB1N/14

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:		ADS								
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	C	Rating	20	A	
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A	$I_{\Delta n}$	N/A	mA	
Details of wiring system used to modify the circuit: Type	XLPE/SWA cables		Reference method	C	csa of lives	4	mm ²	csa of cpc	swa	mm ²
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:				0.4	s	Maximum Z_s permitted by BS 7671		1.15	Ω	
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

t Essential inspections and tests

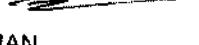
† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)	
† Circuit resistance: $R_1 + R_2$ LIM Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)	
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line*	N/A MΩ	† Confirmation of correct polarity	✓ (✓)
	Line/Neutral*	LIM MΩ	† Maximum measured earth fault loop impedance, Z_s	LIM Ω
	† Line/Earth*	LIM MΩ	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
	† Neutral/Earth	LIM MΩ	RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms

Agreed limitations, if any, on the inspection and testing:
 Unable to access to full test.

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER
 Signature 
 Position ELECTRICIAN
 Date 14/03/2011
 Registration Number 3 2 2 3 7

For and on behalf of
 (Trading Tafe of
 Approved Contractor)
 Address and Postcode 41 The Marlowes
 Hemel Hempstead
 Herts

HP1 1LD

(The registration number is essential information)

CERTIFICATE NUMBER:

11879/26

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client:	Maxwell Stewart Maintenance	Details of departures, if any, from BS 7671 (as amended):
Date minor works completed:	03/03/2011	Contract reference, if any:
Description of the minor works:		Location/address of the minor works:
Downrated and replaced MCB with RCBO DBEG/6		Exchequer Court 4th Floor St Marys Axe London
		EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)		61009		Type	C	Rating	20	A	
Residual current device (if applicable):	BS(EN)		61009		Type	Type C	$I_{\Delta n}$	30	mA	
Details of wiring system used to modify the circuit: Type	Other	Reference method	C	csa of lives	2.5	mm ²	csa of cpc	2.5	mm ²	
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:	0.4	s	Maximum Z_s permitted by BS 7671	1666	Ω					
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS † Essential inspections and tests

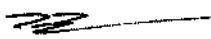
† Confirmation that necessary inspections have been undertaken	✓	(✓)	† Confirmation of the adequacy of earthing	✓	(✓)				
† Circuit resistance: $R_1 + R_2$	0.05	Ω	or	R_2	N/A	Ω	† Confirmation of the adequacy of protective bonding	✓	(✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line*	N/A	MΩ	Line/Neutral*	>200	MΩ	† Confirmation of correct polarity	✓	(✓)
	Line/Earth*	>200	MΩ	† Maximum measured earth fault loop impedance, Z_s	0.33	Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	33.3	ms
	Neutral/Earth	>200	MΩ	† RCD operating time at $5I_{\Delta n}$, if applicable	12.8	ms			

Agreed limitations, if any, on the inspection and testing:
None.

PART 4: DECLARATION

We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS)	STEVE TURNER	For and on behalf of (Trading Test of Approved Contractor)	Ohmega Testing Services Ltd
Signature		Address and Postcode	41 The Marlowes Hemel Hempstead Herts HP1 1LD
Position	ELECTRICIAN		
Date	14/03/2011		
Registration Number	3 2 2 3 7	(The registration number is essential information)	

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/27

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBBOA/8L3

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)	60898			Type	B		Rating	20	A
Residual current device (if applicable):	BS(EN)	N/A			Type	N/A		$I_{\Delta n}$	N/A	mA
Details of wiring system used to modify the circuit: Type	PVC in non metallic conduit		Reference method	B	csa of lives	2.5	mm ²	csa of cpc	2.5	mm ²
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:				0.4	s	Maximum Z_s permitted by BS 7671		2.3		Ω
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

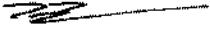
† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)	
† Circuit resistance: $R_1 + R_2$ 0.22 Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)	
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* Line/Neutral* † Line/Earth* † Neutral/Earth	N/A MΩ >200 MΩ >200 MΩ >200 MΩ	† Confirmation of correct polarity	✓ (✓)
			† Maximum measured earth fault loop impedance, Z_s	0.35 Ω
			† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
			† RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms

Agreed limitations, if any, on the inspection and testing:
None.

PART 4: DECLARATION

We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS)	STEVE TURNER	For and on behalf of (Trading Title of Approved Contractor)	Ohmega Testing Services Ltd
Signature		Address and Postcode	41 The Marlowes Hemel Hempstead Herts
Position	ELECTRICIAN		HP1 1LD
Date	14/03/2011		
Registration Number	3 2 2 3 7		(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/28

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Maxwell Stewart Maintenance

Details of departures, if any, from BS 7671 (as amended):

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBBOA/11L2

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
--	--------	-----	------	---	----	-----	------	-----	----	-----

Protective measure(s) against electric shock: ADS

Overcurrent protective device for the modified circuit: BS(EN) 60898 Type B Rating 20 A

Residual current device (if applicable): BS(EN) N/A Type N/A $I_{\Delta n}$ N/A mA

Details of wiring system used to modify the circuit: Type MICC cables Reference method C csa of lives 2.5 mm² csa of cpc micc mm²

Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671: 0.4 s Maximum Z_s permitted by BS 7671 2.3 Ω

Comments, if any, on existing installation:

None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: $R_1 + R_2$ LIM Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* N/A M Ω	† Confirmation of correct polarity	✓ (✓)
	Line/Neutral* LIM M Ω	† Maximum measured earth fault loop impedance, Z_s LIM Ω	
	† Line/Earth* LIM M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted) N/A ms	
	† Neutral/Earth LIM M Ω	† RCD operating time at $5I_{\Delta n}$, if applicable N/A ms	

Agreed limitations, if any, on the inspection and testing:

Unable to fully test circuit.

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER

For and on behalf of
(Trading Title of
Approved Contractor)

Ohmega Testing Services Ltd

Signature

Address and Postcode

41 The Marlowes
Hemel Hempstead
Herts

Position ELECTRICIAN

Date 14/03/2011

HP1 1LD

Registration Number 3 2 2 3 7

(The registration number is essential information)

CERTIFICATE NUMBER:

11879/29

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client:	Maxwell Stewart Maintenance	Details of departures, if any, from BS 7671 (as amended):
Date minor works completed:	03/03/2011	Contract reference, if any:
Description of the minor works:	Downrated MCB DBBOA/12L3	Location/address of the minor works:
		Exchequer Court 4th Floor St Marys Axe London
		EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:		ADS								
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	B	Rating	20	A	
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A	$I_{\Delta n}$	N/A	mA	
Details of wiring system used to modify the circuit: Type	PVC in non metallic conduit		Reference method	B	csa of lives	2.5 mm ²	csa of cpc	2.5 mm ²		
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:				0.4 s	Maximum Z_s permitted by BS 7671			2.3	Ω	
Comments, if any, on existing installation:	None									

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

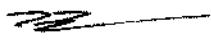
† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: $R_1 + R_2$ 0.11 Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)		† Confirmation of correct polarity	✓ (✓)
Line/Line* N/A MΩ		† Maximum measured earth fault loop impedance, Z_s 0.15 Ω	
Line/Neutral* >200 MΩ		† RCD operating time at $I_{\Delta n}$ (if RCD fitted) N/A ms	
† Line/Earth* >200 MΩ		† RCD operating time at $5I_{\Delta n}$ if applicable N/A ms	
† Neutral/Earth >200 MΩ			

Agreed limitations, if any, on the inspection and testing:
 None.

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS)	STEVE TURNER	For and on behalf of (Trading Title of Approved Contractor)	Ohmega Testing Services Ltd
Signature		Address and Postcode	41 The Marlowes Hemel Hempstead Herts HP1 1LD
Position	ELECTRICIAN		
Date	14/03/2011		
Registration Number	3 2 2 3 7		(The registration number is essential information)

Ohmega Testing Services

Tel: 0845 600 3402 Email: info@ohmegatesting.co.uk
www.ohmegatesting.co.uk

CERTIFICATE NUMBER:

11879/30

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 – Requirements for Electrical Installations

ORIGINAL

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Details of departures, if any, from BS 7671 (as amended):

Client: Maxwell Stewart Maintenance

None

Date minor works completed: 03/03/2011 Contract reference, if any:

Description of the minor works:

Downrated MCB DBGL2/9

Location/address of the minor works:

Exchequer Court
4th Floor
St Marys Axe
London

EC3A 8AA

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements:	TN-C-S	N/A	TN-S	✓	TT	N/A	TN-C	N/A	IT	N/A
Protective measure(s) against electric shock:	ADS									
Overcurrent protective device for the modified circuit:	BS(EN)		60898		Type	B	Rating	20	A	
Residual current device (if applicable):	BS(EN)		N/A		Type	N/A	$I_{\Delta n}$	N/A	mA	
Details of wiring system used to modify the circuit: Type	PVC in metallic trunking		Reference method	B	csa of lives	2.5 mm ²	csa of cpc	2.5 mm ²		
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:	0.4	s	Maximum Z_s permitted by BS 7671		2.3	Ω				

Comments, if any, on existing installation:
None

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

† Confirmation that necessary inspections have been undertaken	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)	
† Circuit resistance: $R_1 + R_2$ 0.1 Ω or R_2 N/A Ω		† Confirmation of the adequacy of protective bonding	✓ (✓)	
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line* Line/Neutral* † Line/Earth* † Neutral/Earth	N/A MΩ >200 MΩ >200 MΩ >200 MΩ	† Confirmation of correct polarity	✓ (✓)
			† Maximum measured earth fault loop impedance, Z_s	0.2 Ω
			† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
			RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms

Agreed limitations, if any, on the inspection and testing:
None

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

* as issued

Name (CAPITALS) STEVE TURNER

For and on behalf of
(Trading Title of
Approved Contractor)

Ohmega Testing Services Ltd

Signature

Address
and Postcode

41 The Marlowes
Hemel Hempstead
Herts

Position ELECTRICIAN

Date 14/03/2011

HP1 1LD

Registration
Number 3 2 2 3 7

(The registration number is essential information)

EIT RECOMMENDATION SHEET

SITE: EXCHEQUER COURT - LANDLORDS
 ADDRESS: ST MARY AXE
 LOCATION: LONDON EC3

DATE: 07/03/2011

PAGE 1 OF 7

ITEM No.	DEFECT DETAILS			RECTIFICATION
	SUPPLY DB	DESCRIPTION	CAT.NO.	
1	DB PNR	CCT TP8- MAX ZS EXCEEDED	2	Replaced with B20 MCB
2	MAIN LV PANEL	TP25 - ISOLATOR HANDLE REQS RE-FIXING	4	Unable to repair, requires new unit.
3	DB PNB	400V LABEL REQUIRED	4	Labeled
4	DB PNB	MIXED COLOUR CODE LABEL REQUIRED	4	Labeled
5	DB PNB	L1/4 - INCORRECTLY RATED MCB, R1 AND R4	1	Replaced with B20 MCB
6	DB PNB	REDUNDANT CABLES HANGING FROM TRUNKING IN SWITCH ROOM	4	Cables removed
7	DB PNB	SCHEDULE INCORRECT	4	Schedule fitted
8	DB PNB	MISSING CIRCUIT DESIGNATIONS REQ VERIFYING	3	Schedule fitted
9	DB PNB	COVER MISSING FROM LIGHT FITTING ON LEVEL -2 STAIRWELL 4 LOBBY	4	Fitting obsolete, fitted different type of 28w 2D fitting
10	DB PNB	COVER MISSING FROM FLUORESCENT LIGHT FITTING IN SPRINKLER ROOM, WIRING EXPOSED	1	Fitted reflector
11	DB PNB	BESA BOX LID REQS RE-FITTING O/S BMS OFFICE	4	Refixed lid
12	DB SP	NO SCHEDULE OR ANY CIRCUIT DESIGNATIONS.	4	Schedule fitted
13	DB SP	L1/3, L2/3, L3/3 FUSES WITHDRAWN AT TIME OF TEST	3	Circuits not used
14	DB SP	400V LABEL REQUIRED	4	Labeled
15	DB B2N	L1/2, L3/2, L1/5 INCORRECTLY RATED MCB'S	1	Replaced with B20 MCB

NAME: Steve Turner

EIT RECOMMENDATION SHEET

SITE: EXCHEQUER COURT - LANDLORDS

ADDRESS: ST MARY AXE

LOCATION: LONDON EC3

PAGE 2 OF 7

ITEM No.	DEFECT DETAILS			RECTIFICATION	
	SUPPLY DB	DESCRIPTION	CAT.NO.		
16	DB B2N	BESA BOX LID MISSING IN BUILDING MANAGER, MEETING ROOM	4		Refixed lid
17	DB NC4	CCT 7 - RING OPEN CONTINUITY & NO RCD PROTECTION	2		Fire alarm on circuit, so fitted B20 MCB
18	DB NC4	CCT 9 - INCORRECTLY RATED MCB	1		Replaced with B20 MCB
19	DB NC4	MIXED COLOUR CODE LABEL REQD	4		Labeled
20	DB BMS	MIXED COLOUR CODE LABEL REQD	4		Labeled
21	DB BMS	NO SCHEDULE AT DB	4		Schedule fitted
22	DB BMS	LIGHT SW PLATE MISSING IN STORE ROOM ADJ TO UPS ROOM ON MEZZ FLR	2		Replaced by others
23	DB BMS	LIGHT SW TIRED/WORN IN BMS OFFICE ON MEZZ FLR	4		Replaced switch
24	LDP	L1/2, L2/2, L3/2, INCORRECTLY RATED FUSES FOR LIFT CIRCUITS	2		Reassessed. Ok due to being a fixed load.
25	LDP	LOAD CABLES FROM UN-FUSED ISOLATORS FEEDING LIFTS 3 & 5 ARE SMALLER THAN THE SUPPLY CABLES	2		Reassessed. Ok due to being a fixed load.
26	LDP	INCORRECTLY & UNEVENLY RATED FUSES FEEDING LIFT 6	2		Reassessed. Ok due to being a fixed load.
27	DB LMS	MIXED COLOUR CODE LABEL REQD	4		Labeled
28	DB LMS	400V LABEL REQUIRED	4		Labeled
29	DB LMS	SCHEDULE INCORRECT	4		Schedule fitted
30	DB B2S	400V LABEL REQUIRED	4		Labeled

NAME: Steve Turner

EIT RECOMMENDATION SHEET

SITE: EXCHEQUER COURT - LANDLORDS

ADDRESS: ST MARY AXE

LOCATION: LONDON EC3

PAGE 3 OF 7

ITEM No.	DEFECT DETAILS			RECTIFICATION
	SUPPLY DB	DESCRIPTION	CAT.NO.	
31	DB B2S	MIXED COLOUR CODE LABEL REQD	4	Labeled
32	DB B2S	SCHEDULE INCORRECT	4	Schedule fitted
33	DB B2S	CCTS L2/2, L2/4, L1/5, L2/5 INCORRECTLY RATED MCBS	1	Replaced with 3*B20 and 1*C32 MCB
34	DB SC1	SOCKETS IN GRD FLR AND 4TH FLR LOBBIES ARE LOOSE	2	Refixed sockets
35				
36	DB SC1	SCHEDULE INCOMPLETE	4	Schedule fitted
37	DB SC1	MISSING CIRCUIT DESIGNATIONS	4	Unable to trace
38	DB UPS/-1N	2X 25MM HOLES ON BOTTOM OF DB	2	Grommets fitted
39	DB UPS/-1N	NO SCHEDULE & MISSING CIRCUIT DESIGNATIONS	4	Schedule fitted
40	DB UPS/-1N	400V LABEL MISSING	4	Labeled
41	DB UPS/-1N	DB COVER SCREWS MISSING	4	Refixed DB cover
42	DB BSB	NO SCHEDULE & MISSING CIRCUIT DESIGNATIONS	4	Schedule fitted
43	DB BSB	UNSECURED CONNECTOR BLOCKS WITHIN DB	4	Cables crimped
44	DB BSB	CIRCUITS, 3,4,5 & 6 INCORRECTLY RATED MCB'S	1	Fitted B20 MCBS
45	DB BSB	RCD SOCKET NEAR DB IS FAULTY	2	Replaced socket

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ITEM No.	DEFECT DETAILS			RECTIFICATION	
	SUPPLY DB	DESCRIPTION	CAT.NO.		
46	DB BSB	UNSECURED ELECTRICAL EQUIPMENT HANGING FROM CEILING IN GAS METER ROOM.	4		Unable to locate, removed by others?
47	DB BSB	MIXED COLOUR CODE LABEL REQD	4		Labeled
48	DB B1N	TP10, TP12, TP13 & TP14 INCORRECTLY RATED MCB'S	1		Replaced with 2xC20 and 2xC40 MCBs. Old MCBs seemed to be running warm, may
49	DB B1N	TRUNKING LID ABOVE DB IS MISSING	4		Replaced lid
50	DB B1N	TERMINAL COVER MISSING FROM LIGHTING CONTROLLER BELOW DB	4		Manufactured cover
51	DB B1N	NO PHASE BARRIERS FOR DB LOWER SECTIONS, LIVE BARS	4		Warning label fitted
52	DB B1N	DB COVER SCREWS MISSING	4		Refixed cover
53	DB B1A	NO SCHEDULE & MISSING CIRCUIT DESIGNATIONS	4		Schedule fitted
54	DB B1A	20MM HOLE IN DB AND LOCAL RCCD	2		Grommets fitted
55	DB B1A	400V LABEL MISSING	4		Labeled
56	DB GL2	NO SCHEDULE & MISSING CIRCUIT DESIGNATIONS	4		Schedule fitted
57	DB GL2	MIXED COLOUR CODE LABEL REQD	4		Labeled
58	DB GL2	RCD TRIP LABEL REQD	4		Labeled
59	DB GL2	TRUNKING LID BELOW DB REQS FIXING	4		Lid fitted
60	DB EG	NO SCHEDULE	4		Schedule fitted

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ITEM No.	DEFECT DETAILS			RECTIFICATION
	SUPPLY DB	DESCRIPTION	CAT.NO.	
61	DB EG	400V LABEL MISSING	4	Labeled
62	DB EG	CCT6 - INCORRECTLY RATED MCB & RCD PROTECTION FOR EXTERNAL SOCKET	1	20a RCBO fitted
63	DB BOA	NO SCHEDULE & MISSING CIRCUIT DESIGNATIONS	4	Schedule fitted
64	DB BOA	SEVERAL 20MM HOLES IN DB	2	Grommet fitted
65	DB BOA	400V LABEL MISSING	4	Labeled
66	DB BOA	MIXED COLOUR CODE LABEL REQD	4	Labeled
67	DB BOA	BLANKWAYS MISSING	1	Blanks fitted
68	DB BOA	DB COVER SCREWS MISSING	4	Cover refixed
69	DB BOA	L3/8, L2/11, L3/12 INCORRECTLY RATED MCBS	1	B20 MCBS fitted
70	DB SS	HIGH Zdb (3 LEAD NO TRIP TEST).	1	Retested OK
71	DB SS	CCT 2 INCORRECTLY RATED MCB	1	Unable to isolate
72	DB SS	MIXED COLOUR CODE LABEL REQD	4	Labeled
73	DB SS	NO SCHEDULE & MISSING CIRCUIT DESIGNATIONS	4	Schedule fitted
74	DB SS	NO SCHEDULE & MISSING CIRCUIT DESIGNATIONS	4	Schedule fitted
75	DB VAV 1N	DB COVER SCREWS MISSING	4	Cover refixed

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ITEM No.	DEFECT DETAILS			RECTIFICATION
	SUPPLY DB	DESCRIPTION	CAT.NO.	
76	DB C64	MIXED COLOUR CODE LABEL REQD	4	Labeled
77	DB C64	MISSING CIRCUIT DESIGNATION	4	Unable to trace
78	DB 64 SUB-MAINS	400V LABEL MISSING	4	Labeled
79	DB 64 SUB-MAINS	NO SCHEDULE	4	Schedule fitted
80	DB C52	NO SCHEDULE	4	Schedule fitted
81	DB C52	MIXED COLOUR CODE LABEL REQD	4	Labeled
82	DB C62	MISSING CIRCUIT DESIGNATION	4	Unable to trace
83	DB C62	MIXED COLOUR CODE LABEL REQD	4	Labeled
84	DB C62	TRUNKING LID ON SIDE OF DB MISSING	4	Lid fitted
85	DB FL2	MISSING CIRCUIT DESIGNATION	4	Unable to trace
86	DB FL2	RCBO FOR LMR SOCKET IS INTERMITTENT	2	Fitted 20a RCBO
87	DB FL2	CCT 9 OFF AT TIME OF TEST	3	Circuit not used
88	DB PSR	400V LABEL MISSING	4	Labeled
89	DB PNR	L2/3, L3/3 INCORRECTLY RATED MCBS	1	Fitted B20 MCBS
90	DB PNR	L2/4 NO RCD PROTECTION	2	Fitted 20a RCBO

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