

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

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/8

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 PVC in metallic trunking 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 1.15 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: $R_1 + R_2$ 0.21 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 $5I_{\Delta n}$, 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)

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									
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: $R_1 + R_2$ 0.15 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>		† Confirmation of correct polarity	✓ (✓)
Line/Line* N/A M Ω		† Maximum measured earth fault loop impedance, Z_s	0.36 Ω
Line/Neutral* >200 M Ω		† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
† Line/Earth* >200 M Ω		RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms
† Neutral/Earth >200 M Ω			

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)

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

† 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	M Ω		† Confirmation of correct polarity				✓	(✓)
		Line/Neutral*	>200	M Ω		† Maximum measured earth fault loop impedance, Z_s				0.37	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 $5I_{\Delta n}$, 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:

11879/4

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									
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					
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line*	N/A	M Ω	† Confirmation of the adequacy of protective bonding	✓
	Line/Neutral*	>200	M Ω	† Confirmation of correct polarity	✓
	† Line/Earth*	>200	M Ω	† Maximum measured earth fault loop impedance, Z_s	0.49 Ω
	† Neutral/Earth	>200	M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	11.3 ms
					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

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:

11879/5

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

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 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: Line/Line* N/A M Ω			† Confirmation of correct polarity	✓	(✓)
(* In a multi-phase circuit, record the lower or lowest value, as appropriate)			† Maximum measured earth fault loop impedance, Z_s	0.16	Ω
Line/Neutral* >200 M Ω			† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A	ms
† Line/Earth* >200 M Ω			RCD operating time at $5I_{\Delta n}$, if applicable	N/A	ms
† Neutral/Earth >200 M Ω					

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)

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	$I_{\Delta n}$	N/A	mA			
Details of wiring system used to modify the circuit:	Type	PVC in metallic trunking	Reference method	B	csa of lives	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: (* 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	0.69	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:

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)

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

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/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 _{Δn}	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 Ω	† Confirmation of correct polarity	✓	(✓)
	Line/Neutral*	>200 M Ω	† Maximum measured earth fault loop impedance, Z_s	0.33	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 $5I_{\Delta n}$, 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)

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

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/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						
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	0.22	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 $5I_{\Delta n}$, 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)

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									
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					
Insulation resistance: <small>(* In a multi-phase circuit, record the lower or lowest value, as appropriate)</small>	Line/Line*	N/A	M Ω	† Confirmation of the adequacy of protective bonding	✓
	Line/Neutral*	>200	M Ω	† Confirmation of correct polarity	✓
	† Line/Earth*	>200	M Ω	† Maximum measured earth fault loop impedance, Z_s	0.59 Ω
	† Neutral/Earth	>200	M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A
				RCD operating time at 5 $I_{\Delta n}$ if applicable	N/A

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)

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)		† Confirmation of correct polarity	✓ (✓)
Line/Line*	N/A M Ω	† Maximum measured earth fault loop impedance, Z_s	0.55 Ω
Line/Neutral*	>200 M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
† Line/Earth*	>200 M Ω	RCD operating time at 5 $I_{\Delta n}$ if applicable	N/A ms
† Neutral/Earth	>200 M Ω		

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)

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	Reference method	E	csa of lives	2.5	mm ²	csa of cpc	micc	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									
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)

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

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 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

Protective measure(s) against electric shock: ADS

Overcurrent protective device for the modified circuit: BS(EN) 60898 Type C Rating 10 A

Residual current device (if applicable): BS(EN) N/A Type N/A $I_{\Delta n}$ N/A mADetails 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 mm²Where 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)		† Confirmation of correct polarity	✓ (✓)
Line/Line*	N/A M Ω	† Maximum measured earth fault loop impedance, Z_s	0.4 Ω
Line/Neutral*	LIM M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
† Line/Earth*	LIM M Ω	RCD operating time at 5 $I_{\Delta n}$, if applicable	N/A ms
† Neutral/Earth	LIM M Ω		

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 Ohmega Testing Services Ltd
(Trading Title of Approved Contractor)

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:

11879/13

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**

Date minor works completed: **03/03/2011**

Contract reference, if any:

Description of the minor works:

Downrated MCB DBBS2/2L2

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

None

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: $R_1 + R_2$ 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* N/A M Ω		† Confirmation of correct polarity	✓	(✓)
	Line/Neutral* >200 M Ω		† Maximum measured earth fault loop impedance, Z_s	0.71 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 $5I_{\Delta n}$, 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)

Ohmega Testing Services Ltd

Address and Postcode

**41 The Marlowes
Hemel Hempstead
Herts**

HP1 1LD

(The registration number is essential information)

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

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 DBBS2/4L2

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	✓	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 _{Δn}	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					
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line*	N/A	MΩ	† Confirmation of the adequacy of protective bonding	✓
	Line/Neutral*	>200	MΩ	† Confirmation of correct polarity	✓
	† Line/Earth*	>200	MΩ	† Maximum measured earth fault loop impedance, Z _s	0.58 Ω
	† Neutral/Earth	>200	MΩ	† 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

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:

11879/15

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

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 DBBS2/5L1

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 _{Δn}	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									
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					
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line*	N/A	MΩ	† Confirmation of the adequacy of protective bonding	✓
	Line/Neutral*	>200	MΩ	† Confirmation of correct polarity	✓
	† Line/Earth*	>200	MΩ	† Maximum measured earth fault loop impedance, Z _s	0.32 Ω
	† Neutral/Earth	>200	MΩ	† 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

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)

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

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 DBBS2/5L2

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: BSI(EN) 60898 Type C Rating 32 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 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	✓ (✓)	† Confirmation of the adequacy of earthing	✓ (✓)
† Circuit resistance: $R_1 + R_2$ 0.18 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 M Ω		† Maximum measured earth fault loop impedance, Z_s	0.3 Ω
Line/Neutral* >200 M Ω		† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
† Line/Earth* >200 M Ω		RCD operating time at 5 $I_{\Delta n}$, if applicable	N/A ms
† Neutral/Earth >200 M Ω			

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 or
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

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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	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									
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					
Insulation resistance: (* In a multi-phase circuit, record the lower or lowest value, as appropriate)	Line/Line*	N/A	M Ω	† Confirmation of the adequacy of protective bonding	✓
	Line/Neutral*	LIM	M Ω	† Confirmation of correct polarity	✓
	† Line/Earth*	LIM	M Ω	† Maximum measured earth fault loop impedance, Z_s	LIM Ω
	† Neutral/Earth	LIM	M 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

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:

11879/18

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)		† Confirmation of correct polarity	✓ (✓)
Line/Line*	N/A M Ω	† Maximum measured earth fault loop impedance, Z_s	LIM Ω
Line/Neutral*	LIM M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
† Line/Earth*	LIM M Ω	RCD operating time at 5 $I_{\Delta n}$, if applicable	N/A ms
† Neutral/Earth	LIM M Ω		

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

Date 14/03/2011

HP1 1LD

Registration Number 3 2 2 3 7

(The registration number is essential information)

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

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/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*	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 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

Date 14/03/2011

HP1 1LD

Registration
Number

3 2 2 3 7

(The registration number is essential information)

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):

None

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 condui	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*		N/A	M Ω	† Confirmation of correct polarity				✓	(✓)
						Line/Neutral*		>200	M Ω	† Maximum measured earth fault loop impedance, Z_s				0.22	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 $5I_{\Delta n}$, 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)

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

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 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	$I_{\Delta n}$	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	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	1.4375	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: (* 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	0.23	Ω
	† Line/Earth*	>200 M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	44.6	ms
	† Neutral/Earth	>200 M Ω	RCD operating time at $5I_{\Delta n}$ if applicable	22.9	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)

CERTIFICATE NUMBER:

11879/22

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

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

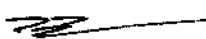
ORIGINAL

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		TN-S		TT		TN-C		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		† 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 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 Name of Approved Contractor) Ohmega Testing Services Ltd	
Address and Postcode 41 The Marlowes Hemel Hempstead Herts HP1 1LD	
(The registration number is essential information)	

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 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 access to full test.

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)

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

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/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 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 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 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 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

Date 14/03/2011

HP1 1LD

Registration Number 3 2 2 3 7

(The registration number is essential information)

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 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

† 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 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 Ohmega Testing Services Ltd
(Trading Title of Approved Contractor)

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:

11879/26

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):

None

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

Description of the minor works:

Downrated and replaced MCB with RCBO DBEG/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)	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 M Ω	† Confirmation of correct polarity	✓	(✓)
	Line/Neutral*	>200 M Ω	† Maximum measured earth fault loop impedance, Z_s	0.33	Ω
	† Line/Earth*	>200 M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	33.3	ms
	† Neutral/Earth	>200 M Ω	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

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:

11879/27

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

Client: Maxwell Stewart Maintenance

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

Description of the minor works:

Downrated MCB DBBOA/8L3

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

None

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: Line/Line* N/A M Ω (* In a multi-phase circuit, record the lower or lowest value, as appropriate)			† Confirmation of correct polarity	✓	(✓)
Line/Neutral* >200 M Ω			† Maximum measured earth fault loop impedance, Z_s 0.35 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 $5I_{\Delta n}$, 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)

Ohmega Testing Services Ltd

Address
and Postcode

41 The Marlowes
Hemel Hempstead
Herts

HP1 1LD

(The registration number is essential information)

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)		† Confirmation of correct polarity	✓ (✓)
Line/Line*	N/A M Ω	† Maximum measured earth fault loop impedance, Z_s	LIM Ω
Line/Neutral*	LIM M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
† Line/Earth*	LIM M Ω	RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms
† Neutral/Earth	LIM M Ω		

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)

Ohmega Testing Services

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

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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):

None

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 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: $R_1 + R_2$ 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 M Ω	† Maximum measured earth fault loop impedance, Z_s	0.15 Ω
Line/Neutral*	>200 M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
† Line/Earth*	>200 M Ω	RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms
† Neutral/Earth	>200 M Ω		

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)

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

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 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 Type PVC in metallic trunking 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: $R_1 + R_2$ 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")		† Confirmation of correct polarity	✓ (✓)
Line/Line* N/A M Ω		† Maximum measured earth fault loop impedance, Z_s	0.2 Ω
Line/Neutral* >200 M Ω		† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
† Line/Earth* >200 M Ω		RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms
† Neutral/Earth >200 M Ω			

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)

Ohmega Testing Services

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

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CERTIFICATE NUMBER:

11879/31

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 DBGL2/10

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 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 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

† 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)		† Confirmation of correct polarity	✓ (✓)
Line/Line*	N/A M Ω	† Maximum measured earth fault loop impedance, Z_s	LIM Ω
Line/Neutral*	LIM M Ω	† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/A ms
† Line/Earth*	LIM M Ω	RCD operating time at $5I_{\Delta n}$, if applicable	N/A ms
† Neutral/Earth	LIM M Ω		

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

Unable to trace cable.

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				DATE: 07/03/2011	
ADDRESS: ST MARY AXE				PAGE 1 OF 7	
LOCATION: LONDON EC3					
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					PAGE 2 OF 7	
ADDRESS: ST MARY AXE						
LOCATION: LONDON EC3						
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					PAGE 3 OF 7	
ADDRESS: ST MARY AXE						
LOCATION: LONDON EC3						
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	

NAME: Steve Turner

EIT RECOMMENDATION SHEET

SITE: EXCHEQUER COURT - LANDLORDS					PAGE 4 OF 7	
ADDRESS: ST MARY AXE						
LOCATION: LONDON EC3						
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 2*C20 and 2*C40 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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SITE: EXCHEQUER COURT - LANDLORDS					PAGE 5 OF 7	
ADDRESS: ST MARY AXE						
LOCATION: LONDON EC3						
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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ADDRESS: ST MARY AXE						
LOCATION: LONDON EC3						
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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LOCATION: LONDON EC3						
ITEM No.	DEFECT DETAILS				RECTIFICATION	
	SUPPLY DB	DESCRIPTION	CAT.NO.			
91	DB PNR	BLANKWAY MISSING AT ENCLOSURE ADJ DB	1		Blank fitted	
92	DB PNR	WIRING AT AHU SHUTTERS ON ROOF IS VERY POOR, CONNECTION BLOCKS & WIRING HANGING FROM FRONT OF BESA BOXES.	2		No evidence, completed by others?	
93	DB B1A	OVERCURRENT DEVICE TOO LARGE FOR CABLE SIZE CCT Y6	1		Fitted B20 MCB	
94	DB GL2	OVERCURRENT DEVICE TOO LARGE FOR CABLE SIZE CCT 9 + 10	1		Fitted B20 MCBs	

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