


Procedure JPS0057P	Seaward PAC1000 Portable Appliance Checker	Sheet 1 of 2
Serial Number	Customer Reference Number	Certificate Number
Customer	Calibrated By	Date
Ambient Temp 21 +/- 1C	R.H. 42 +/- 10%	
Reference Equipment Used JPS0217A		

0.1A Earth Test


Earth Lead Resistance (Ω)			0.06			Result
Applied Resistance	UUT Measured Resistance (Ω)		Specification	Min Lim	Max Lim	
(Ω)	Displayed	(-Lead)	Tolerance +/-10%+2D	(Ω)	(Ω)	
0.1000	0.16	0.1	0.012	0.088	0.112	
0.1511	0.225	0.165	0.017	0.134	0.168	PASS
0.2727	0.348	0.288	0.029	0.243	0.302	PASS
0.3793	0.456	0.396	0.040	0.339	0.419	PASS
0.5479	0.61	0.55	0.057	0.491	0.605	PASS
1.0442	1.103	1.043	0.106	0.938	1.151	PASS
Measured Earth Bond Current (A)			0.111A			

6A Earth Bond

Earth Lead Resistance (Ω)			0.04			Result
Applied Resistance	UUT Measured Resistance (Ω)		Specification	Min Lim	Max Lim	
(Ω)	Displayed	(-Lead)	Tolerance +/-10%+2D	(Ω)	(Ω)	
0.1000	0.13	0.09	0.012	0.088	0.112	
0.1511	0.207	0.17	0.017	0.134	0.168	PASS
0.2727	0.329	0.29	0.029	0.243	0.302	PASS
0.3793	0.437	0.40	0.040	0.339	0.419	PASS
0.5479	0.61	0.57	0.057	0.491	0.605	PASS
1.0442	1.081	1.04	0.106	0.938	1.151	PASS
Measured Earth Bond Current (A)			7.04A			

12A Earth Bond

Earth Lead Resistance (Ω)			0.04			Result
Applied Resistance	UUT Measured Resistance (Ω)		Specification	Min Lim	Max Lim	
(Ω)	Displayed	(-Lead)	Tolerance +/-10%+2D	(Ω)	(Ω)	
0.1000	0.143	0.103	0.012	0.088	0.112	
0.1511	0.202	0.162	0.017	0.134	0.168	PASS
0.2727	0.324	0.284	0.029	0.243	0.302	PASS
0.3793	0.423	0.383	0.040	0.339	0.419	PASS
0.5479	0.597	0.557	0.057	0.491	0.605	PASS
1.0442	1.099	1.059	0.106	0.938	1.151	PASS
Measured Earth Bond Current (A)			15.44A			

Procedure JPS0057P	Seaward PAC1000 Portable Appliance Checker	Sheet 2 of 2
Serial Number 0	Customer Reference Number 0	Certificate Number 0
Customer 0	Calibrated By 0	Date 0-Jan-00
Ambient Temp 21 +/- 1C	R.H. 42 +/- 10%	
Reference Equipment Used JPS0217A		

20A Earth Bond

Earth Lead Resistance (Ω)			0.04			Result
Applied Resistance	UUT Measured Resistance (Ω)		Specification	Min Lim	Max Lim	
(Ω)	Displayed	(-Lead)	Tolerance +/-10%+2D	(Ω)	(Ω)	
0.1000	0.140	0.100	0.012	0.088	0.112	
0.1511	0.190	0.150	0.017	0.134	0.168	PASS
0.2727	0.311	0.271	0.029	0.243	0.302	PASS
0.3793	0.409	0.369	0.040	0.339	0.419	PASS
0.5479	0.584	0.544	0.057	0.491	0.605	PASS
1.0442	1.095	1.055	0.106	0.938	1.151	PASS
Measured Earth Bond Current (A)			22.4			

25A Earth Bond

Earth Lead Resistance (Ω)			0.04			Result
Applied Resistance	UUT Measured Resistance (Ω)		Specification	Min Lim	Max Lim	
(Ω)	Displayed	(-Lead)	Tolerance +/-10%+2D	(Ω)	(Ω)	
0.1000	0.151	0.111	0.012	0.088	0.112	
0.1511	0.198	0.158	0.017	0.134	0.168	PASS
0.2727	0.321	0.281	0.029	0.243	0.302	PASS
0.3793	0.429	0.389	0.040	0.339	0.419	PASS
0.5479	0.593	0.553	0.057	0.491	0.605	PASS
1.0442	1.096	1.056	0.106	0.938	1.151	PASS
Measured Earth Bond Current (A)			22.46			

500V Insulation Resistance

Applied Resistance	UUT Measured Resistance	Specification			Result
(M Ω)	(M Ω)	Tolerance +/-3%+2D	Min Lim (M Ω)	Max Lim (M Ω)	
0.5	0.52	0.035	0.465	0.535	PASS
1.0	1.02	0.070	0.930	1.070	PASS
2.0	2.06	0.120	1.880	2.120	PASS
10.0	10.04	0.520	9.480	10.520	PASS
19.0	19.2	0.970	18.030	19.970	PASS

<p>Comments</p> <p>Specification : As detailed in JPSSL169 Seaward PAC1000 Datasheet</p> <p>JPS0217A Transmille 3200 Electrical Test Equipment Calibrator</p>	<p>Cal Due 06 Jul 2007</p>
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