



**IEC SYSTEM FOR CONFIRMITY  
TESTING AND CERTIFICATION  
OF ELECTRICAL EQUIPMENT**

**COMMITTEE OF TESTING LABORATORIES**

**IEC 61558-2-16, ED. 1 (2009)**

**TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING**

**Safety of transformers, reactors, power supply units and similar products for  
supply voltages up to 1100 V**

**Part 2-16: Particular requirements and tests for switch mode power supply  
units and transformers for switch mode power supply units**

**R=Required by Lab.**

**S=May be subcontracted**

**W=Witness testing**

**3PPS=Three Phase Power Supply required**

<b>Clause</b>	<b>Measurement/testing</b>	<b>Testing / measuring equipment / material needed</b>	<b>Subcontracting</b>
Annexes of part 1 Annex K	Insulated winding wires for use as multiple layer insulation	See K2.2 to K.2.5	<b>S</b>
Annex BB BB.4.2 Annex K	Insulated winding wires for use as multiple layer insulation	See K2.2 to K.2.5	<b>S</b>



**IEC SYSTEM FOR CONFIRMITY  
TESTING AND CERTIFICATION  
OF ELECTRICAL EQUIPMENT**

**COMMITTEE OF TESTING LABORATORIES**

<b>Clause</b>	<b>Measurement/testing</b>	<b>Testing / measuring equipment / material needed</b>	<b>Subcontracting</b>
K.2.2	<i>Adherence and flexibility - according to the requirements of IEC 60851-5, Test 13</i>	<i>Polished metal cylinder, 25 mm +/-1 mm according to IEC 60851-5, Figure 1</i>	<b>S</b>
K2.2.	<i>Adherence and flexibility - according to the requirements of IEC 60851-5, Test 13</i>	<i>Twisting device according to IEC 60851-5, Figure 2</i>	<b>S</b>
K.2.3	<i>Heat shock – according to the requirements of IEC 60851-6, Test 9</i>	<i>Oven for temperature up to 180 °C, +/- 5°C</i>	<b>S</b>
K.2.3	<i>Heat shock – according to the requirements of IEC 60851-6, Test 9</i>	<i>Mandrel test equipment according to IEC 60851-3, Figure 4</i>	<b>S</b>
K.2.4	<i>Retention of dielectric strength after bending - according to the requirements of IEC 60851-5, Test 13</i>	<i>Test equipment see K.2.2</i>	<b>S</b>
K.2.5	<i>Resistance to abrasion – according to the requirements of IEC 60851-3, Test 11</i>	<i>Test equipment according to IEC 60851-3, Figure 9</i>	<b>S</b>

Nome file: Prov Eq List IEC 61558\_2\_16 2009 2011\_07\_04  
Directory: C:\Documents and Settings\parma\Desktop  
Modello: C:\Documents and Settings\parma\Dati  
applicazioni\Microsoft\Templates\Normal.dotm  
Titolo: List of test equipment for IEC 60950 3rd ed.  
Oggetto:  
Autore: Robert Wunderer  
Parole chiave:  
Commenti:  
Data creazione: 07/03/2011 12.09.00  
Numero revisione: 14  
Data ultimo salvataggio: 04/07/2011 11.19.00  
Autore ultimo salvataggio: parma  
Tempo totale modifica 14 minuti  
Data ultima stampa: 04/07/2011 11.30.00  
Come da ultima stampa completa  
Numero pagine: 2  
Numero parole: 257 (circa)  
Numero caratteri: 1.466 (circa)