



## Hazardous Equipment Affidavit

5020 Sunnyside Ave.  
Suite 209  
Beltsville MD 20705  
301-220-0440  
Integrity-Research.org

**Must be signed for all dangerous high-voltage devices or components**

Then fax to 301-513-5728 or e-mail to [iri@erols.com](mailto:iri@erols.com)

**THIS IS A DANGEROUS ELECTRICAL PRODUCT WITH THE POTENTIAL TO CAUSE INJURY OR DEATH FROM IMPROPER HANDLING OR MISUSE. DO NOT ATTEMPT TO USE OR ALTER ITS CONSTRUCTION UNLESS EXPERIENCED WITH HIGH VOLTAGE CIRCUITRY.**

**WARNING!** This deals with and involves subject matter and the use of materials and substances that may be hazardous to health and life. Do not attempt to implement or use the information or items unless you are experienced and skilled with respect to such subject matter, materials and substances. Neither the publisher, author, or manufacturer make any representations as to the accuracy of the information contained herein and disclaim any liability for damages or injuries, whether caused by or resulting from inaccuracies of the information, misinterpretations of the directions, misapplication of the information or otherwise.

These items or components are intended for use by personnel experienced in handling and working with high voltages.

Item Name or #(s) / SKU #(s): \_\_\_\_\_

*PLEASE READ AND SIGN BELOW*

I (FULL NAME) \_\_\_\_\_ employed by company (or "private")  
\_\_\_\_\_ am fully aware of all the hazards involved with the use of the product(s) purchased  
this date \_\_\_\_\_, and that these may require proper housings, safety interlocks, fusing, labeling,  
qualified operating experience and/or safety compliances for their intended use. I fully understand all hazards and liabilities  
with the product in question, and I will release and hold harmless Integrity Research Institute (IRI) and fully accept that IRI is  
not responsible in any way for injuries or damages resulting from proper or improper use of these components, parts or  
finished products, with such prior sufficient notification. Further, I am at least 18 years old and have the necessary training,  
education, and experience to safely operate the product(s).

Your signature and date \_\_\_\_\_

Positive identification may be requested.

INVOICE #

# CATEGORIES OF DANGEROUS ITEMS

PLEASE READ CAREFULLY

**TRANSFORMERS:** High voltage transformers that can supply currents in excess of 30 milliampere are considered potentially lethal. When transformers are used for neon signs, a ground fault interrupter (GFI) shuts down any ground current over 5 milliamperes. Many high voltage transformers used in research are ground referenced creating an extreme shock hazard and do not have this safety feature.

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**CAPACITORS:** Capacitors with voltage ratings over 450 volts and energy storage over 50 joules are potentially lethal. Capacitors can hold these lethal charges indefinitely, and must be discharged with a suitable probe before they can be safely contacted.

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**HIGH VOLTAGE POWER SUPPLIES:** All power supplies producing over 30 milliamps to ground are considered hazardous. Any capacitor capable of storing over 50 Joules is potentially hazardous. X-rays and other harmful radiation can be generated from high voltage sources over 100 kV, as with Tesla coils that routinely generate 250 kV or higher.

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**TESLA COILS:** *special disclaimer for body contact applications:* bodily contact should not be made with the coil output or transformer bank (power supply) of high-power Tesla coils. Be sure to keep a minimal safe distance of at *least* twice the height of the Tesla Coil. Any bodily contact with the coil output could produce potentially dangerous burns and electrical shocks, unless attenuated with a high resistance static mat for example, as used on the seat and back of the Tesla Energy Chair (Premier 4000) and Premiers 2500 or 3000. The transformer bank (power supply) must be kept covered with an insulating material (such as acrylic sheet) and not contacted during use, as it is a source of potentially lethal high voltage output. Any injury or collateral damage resulting from the use of these high-power Tesla Coils is at the sole risk and expense of the buyer.

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**SPECIALLY BUILT MODULES or SYSTEMS** are built to customer specifications. It is strongly advised to include proper enclosing, shielding, interlocking, labeling and warnings that may add to the project costs. Proper operating procedures conducive to the surroundings are the responsibilities of the purchaser. It is the purchaser's responsibility to verify any necessary compliances or regulations necessary for using this equipment at the place of operation.