



Hazardous Equipment Affidavit

PO Box 716
Amherst, NH 03031
tel 603-673-6493
fax 603-672-5406
www.amazing1.com
sales@amazing1.com

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

Then fax to 603-672-5406 or e-mail to sales@amazing1.com

THIS IS A DANGEROUS ELECTRICAL PRODUCT WITH THE POTENTIAL TO CAUSE INJURY OR DEATH FROM IMPROPER HANDLING OR MISUSE. DO NOT ATTEMPT TO BUILD OR USE 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 #(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 construction and use of the product(s) purchased this date _____, and that these may require proper housings, safety interlocks, fusing, labeling, qualified operating experience and safety compliances for their intended use. I fully understand all hazards and liabilities with the product in question, and I will not hold Information Unlimited responsible in any way for injuries or damages resulting from proper or improper use of these components, parts or finished products. 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.

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.

CLASS IV LASERS: These devices may or may not be in full FDA compliance. They are capable of inflicting permanent eye and skin damage, starting fires and damaging objects. These products may use high voltages that are also electrically dangerous. If the laser product is not FDA-compliant, then you must make it compliant by the following:

1. Safety and warning labeling
2. A keyswitch with non-removable key while in the "on" position
3. Emissions indicator lamp
4. Aperture shutter
5. Emission delay circuitry
6. Protective interlocks if class IV

Details of the safety requirements may be obtained online with a search for "FDA LASER PERFORMANCE STANDARDS"

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 100kV.

ELECTRO-KINETIC: These devices are capable of projecting objects at ballistic velocities that can kill or maim a human being. They can cause objects to explode with high detonation velocities, create intense magnetic fields and cause damage to sensitive equipment. Devices as sold use very dangerous life threatening high voltages and will require proper enclosures, interlocks and labeling to prevent accidental contact.

EMP/MARX: These devices are capable of damaging electronic equipment. They are open construction and are extremely electrically hazardous. They are intended to be operated by experienced personnel in the related fields of high voltage and high energy devices.

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. The transformer bank (power supply) must be kept covered with an insulating material (such as wood) 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.

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.