

# Carling Technologies RoHS Initiative

The restriction of hazardous substances (RoHS) in electrical and electronic equipment is regulated by Directive 2002/95/EC issued January 27, 2003, by the European Parliament and Council. This directive will become effective July 1st 2006 and impacts all suppliers in the electrical and electronic markets and industries.

The following substances are covered by this directive and will be controlled at first by establishing maximum concentration limits and then ultimately eliminated.

Lead	0.1% of weight	1000 mg/kg	1000 ppm
Mercury (Hg)	0.1% of weight	1000 mg/kg	1000 ppm
Cadmium (Cd)*	0.01 % of weight	100 mg/kg	100 ppm
Hexavalent Chromium (CrV1)	0.1% of weight	1000 mg/kg	1000 ppm
Polybrominated Diphenyl Ethers	0.1% of weight	1000 mg/kg	1000 ppm
Polybrominated Biphenyls (PBS)	0.1% of weight	1000 mg/kg	1000 ppm

\* The Technical Adaption Committee on the RoHS Directive have amended the directive to exempt cadmium use in electrical contacts.

The substances listed above must be replaced or reduced to the maximum concentration limits stated above by July 1st, 2006. A product is defined as RoHS compliant if the lead, mercury, hexavalent chromium, Polybrominated Diphenyl ethers (PBDE) and polybrominated biphenyls (PBS) content in the homogenous materials of the products does not exceed the concentration limits stated above.

## Carling Statement

We at Carling Technologies are confident that our testing capabilities and commitment to continuous improvements in product reliability and performance will ensure that we are in full compliance of the RoHS directive as stated below:

Circuit Breakers.....	October 1, 2005
Thermal Circuit Breakers.....	April 1, 2006
Electro Mechanical Switches.....	October 1, 2005
Miniature Switches.....	April 1, 2006
Electronic Controls.....	April 1, 2006
Power Distribution Centers.....	April 1, 2006
Electronic Control Systems.....	April 1, 2006
ELCB.....	Consult Factory

All products produced after the effective compliance date will be marked Suffix "R" at the end of the Date Code, and will have the statement: "RoHS Compliant" on the bar coded shipping label.

**Product Bulletin #115**      July 15, 2005

For additional information on RoHS, please contact a Carling Technologies Technical Customer Service Rep:

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 internet                           www.carlingtech.com  
 mail                                 Carling Technologies, Inc.  
    60 Johnson Avenue  
    Plainville, CT 06062-1177

Sample Product Label:

"R" after date code for RoHS Compliant

Sample Shipping Label:

**CARLING TECHNOLOGIES, INC.**  
 60 JOHNSON AVE. PLAINVILLE CT 06062

SHIP TO:  
 ABC COMPANY  
 123 MAIN STREET  
 ANYTOWN, NY 01234

CUST:

SO: **2330441**

CUST# **125801**    FO:

CARLING TECHNOLOGIES, INC.  
 VVPZCEK-1XX-XST1  
**468-30039-001**

QTY: **125**      RoHS Compliant 05/31/05      CART# **1**

"RoHS Compliant" marking