

September 29, 2008

Subject: ICAO/IATA Lithium Battery Compliance

Dear IBM Supplier,

The purpose of this letter and the referenced specifications is to communicate the new 2009 ICAO/IATA requirements for suppliers shipping lithium cells/batteries or lithium cells/batteries installed in equipment to IBM or to IBM customers' locations. This letter and requirement is separate and incremental to a previous letter that may have been sent by IBM including the September 2 "Packaging Environmental Compliance Letter." All letters and requirements are posted on the IBM supplier Web site: <http://www-03.ibm.com/procurement/proweb.nsf/ContentDocsByTitle/United+States~Supplier+letters?OpenDocument&Parent=Information+for+suppliers>

New ICAO/IATA and ADR Regulations Effective January 1, 2009

New ICAO/IATA air transportation and European ADR ground transportation regulations of lithium cells/batteries and lithium cells/batteries contained/installed in equipment have been published. The changes are significant and need your immediate attention to ensure compliance by January 1, 2009. As a supplier to IBM, our interest in this is that you comply to ensure our supply chain is not interrupted by these regulations. As an IBM Supplier, **you are affected if:**

- 1) You ship lithium cells/batteries to IBM or IBM customers' locations.
- 2) You ship equipment that contains lithium ion batteries to IBM or IBM customers' locations.
- 3) You ship equipment that contains more than 4 lithium cells or 2 lithium batteries to IBM or IBM customers' locations.

Here is a high level summary of the changes:

- a. All lithium ion batteries manufactured on or after January 1, 2009, must be marked with a Watt-hour capacity rating on the outer battery casing.
- b. For lithium batteries, the package must be capable of meeting the 1.2 m drop in any orientation, and the package must contain the lithium battery handling label.
- c. All equipment that exceeds four lithium cells or two lithium batteries per package must contain the lithium battery handling label.

Please refer to Section 6.3.2. in the IBM engineering specification #92F6933 for detailed information referenced in the attached reference page.

IBM requires its suppliers to comply with all applicable laws, regulations, orders, and policies in providing products and services to IBM.

IBM appreciates your support regarding these initiatives. IBM is acutely aware of the strategic partnership that must exist between our suppliers and IBM if we are to comply with any and all regulatory compliance in a timely manner. We look forward to continued close collaboration in achieving environmental compliance for all packaging of IBM products, parts, and supplies.

For technical questions about IBM's specifications in this regard please direct inquiries to your procurement representative.

Sincerely,
[GCM name here]

Referenced Web Sites

1. IBM Engineering Specification #92F6933: [http://www-03.ibm.com/procurement/proweb.nsf/objectdocswebview/fileibm+es+92f6933,+packaging+requirements+for+dangerous+goods/\\$file/92f6933,179185.pdf](http://www-03.ibm.com/procurement/proweb.nsf/objectdocswebview/fileibm+es+92f6933,+packaging+requirements+for+dangerous+goods/$file/92f6933,179185.pdf)
2. IATA summary of changes: http://www.iata.org/html_email/CAR1001654/lithium_batteries.pdf
Note, these are not the official regulations. The regulations must be ordered directly from IATA or equivalent sources.