

Table of Contents

Section	Section Title	Page
1	Scope	3
2	Applicability	3
3	Precedence	3
4	Documents Replaced by This Specification	3
5	Referenced Documents	4
6	Exceptions	4
7	Additional Requirements	4
8	Clarifications Regarding Memory DIMMS and Other Subassemblies	4

1. Scope:

This specification defines IBM's requirements for procured RoHS compliant electronic components used in a lead(Pb)-free solder system, by IBM or IBM authorized subcontractors.

2. Applicability:

To be applicable, this specification shall be referenced on the IBM Part Number Drawing, or applicable procurement document and shall apply to all purchases made under that Part Number by IBM, IBM's Affiliates, or any third parties purchasing the product to IBM's part number.

3. Precedence:

In case of conflict between IBM requirements, the order of precedence provisions set forth in the Applicable agreement shall apply. In the event of an inconsistency in the technical requirements, the following order of precedence shall apply:

- IBM Written Waivers (mutually agreed in writing)
- IBM Part Number Drawing (or equivalent component description documentation)
- This Specification
- IBM Specification 873444
- [SQRD](#)
- [Other IBM Specifications](#)
- [Referenced Industry Standards](#)
- Supplier Technical Specifications - (including such items as: electrical performance specs, quality and reliability commitments etc.)

4. Documents Replaced By This Specification:

The following IBM specifications have been replaced by this specification:

IBM Specification	Specification Title
None	None

5. Referenced Documents:

The following documents in their current revision or successor form a part of this specification and Suppliers are required to meet all the specifications listed below. In case of conflict see Section 3 “Precedence”.

Document Number	Document Title
03N6596	IBM Supplier Quality Requirements Document (SQRD)
873444	Requirements for Purchased Electronic Components
46G3772	IBM Environmental Requirements for Materials, Parts and Products

Additional IBM Environmental information can be found at:

<http://www-03.ibm.com/procurement/proweb.nsf/ContentDocsByTitle/United+States~Information+for+suppliers>

6. Exceptions:

Any exception to the requirements of this specification shall constitute a change that must be approved in writing by IBM and documented in a Supplier Quality Document (SQD).

7. Additional Requirements:

See IBM Specifications 46G3772 and 873444 for additional requirements. For solder process compatibility, see specification 873444 section 6.5.2.

8. Clarifications Regarding Memory DIMMS and Other Subassemblies:

Modules and subassemblies include but are not limited to the following: memory DIMMs, crystal oscillator modules, real-time clock modules, fiber optic transceivers, BGA packages (with decoupling capacitors, resistors etc.) and passive components with internal subassemblies.

All components soldered to a subassembly must meet the requirements of this specification.