

Environmental Specification - Product Compliance

Overview

This document defines Oracle's environmental requirements for Oracle products. Compliance to Oracle's specification for the environment must be included in all Oracle contracts for design, manufacture, or procurement of Oracle brand products.

Audience

This document is for Oracle personnel or third parties operating on Oracle's behalf, engaged in the design, specification, procurement, or manufacture of Oracle branded products.



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INTRODUCTION

This Oracle specification sets forth requirements, restrictions and prohibitions for Oracle products and includes those specific requirements set forth in law and regulation. The specification also incorporates other documents and their requirements by reference within the body of this specification.

1 SCOPE

This specification specifies Oracle specific requirements, and the requirements for restrictions and prohibitions set forth in law and regulation for Oracle, including all materials, components, parts and sub-assemblies, batteries and packaging, that can be used in the manufacture of, or incorporated into the product or end solution. Any non-Oracle brand products that may be used in the manufacture of, or included in, or packed with Oracle's product must comply with all applicable laws and regulations in the country in which these products are sold, leased, or used.

This specification identifies environmental and other legal requirements and regulations that apply to Oracle products including the following but not limited to:

- European Union (EU) Directive 2011/65/EU on the restriction of the use of certain hazardous substances (RoHS Recast) in electrical and electronic equipment as amended
- People's Republic of China, Ministry of Information Industry regulation on Management Methods for Controlling Pollution by Electronic Information Products (China RoHS)
- South Korea Act for Resource Recycling of Electrical & Electronic Equipment and Vehicles (Korea RoHS/WEEE) as amended
- Vietnam RoHS - Circular No. 30/2011/TT-BCT dated August 10, 2011 of the Ministry of Industry and Trade stipulating temporarily the permissible content limitation of some toxic chemicals in the electronic, electrical products as amended
- India WEEE_RoHS – India Rule 2011 dated May 12, 2011 of the Ministry of the Environment and Forests regarding e-Waste (Management and Handling) Rules, 2011 as amended
- EU Regulation No. 1907/2006 on Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) as amended
- Directive (EU) 2018/851 amending Directive 2008/98/EC on Waste (Waste Framework Directive)
- EU Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE Recast) as amended
- US Environmental Protection Agency (EPA) Toxic Substance Control Act (TSCA)
- EU Directive 2006/66/EC pertaining to batteries as amended
- EU Directive 94-62/EC (EU Packaging Directive) as amended
- International Air Transportation Association (IATA) Dangerous Goods Regulations
- U.S. Department of Transportation (DoT) Hazardous Materials Regulations (40 Code of Federal Regulations [CFR] Parts 100 – 185)
- Applicable U.S. federal and state laws and regulations
 - California Prop 65 with particular attention to chemicals in articles/products
- Environmental laws currently in effect in other countries

Environmental regulations also apply to any packaging and labeling information required for the products, spare and service parts and also may set forth recycling, reclamation and disposal

requirements for such items.

2 COMPLIANCE CHAIN VERIFICATION

Oracle's suppliers must retain appropriate information, documentation, and/or test data from their supply chain that must be made available for review at Oracle's request to confirm supplier's compliance with this specification.

On request by Oracle, suppliers must provide any declarations of conformity or full material declarations that may be required for compliance with the above listed laws and regulations.

3 GENERAL SPECIFICATION REQUIREMENTS

In addition to the laws and regulations listed in *Section 1, Scope*, on page 3. This section lists documents and explanatory descriptions for other Oracle product requirements.

3.1 Restricted Materials

Materials and substance restrictions and prohibitions are detailed in: *Environmental Specification – Restricted Materials*, [914-1765](#).

Allowable exemptions to materials and substance restrictions and prohibitions are detailed within Annex III of EU Directive 2011/65/EU as amended.

Supporting information identifying allowable alternatives to restricted materials, and qualification processes related to compliant materials is detailed in: *Global Supplier Management: Specification for the Environment – RoHS Compliant Materials and Qualifications*, [914-1766](#).

3.2 Dangerous Goods

Requirements, restrictions and prohibitions relating to transportation of dangerous goods are detailed in: *Specification for the Environment – Dangerous Goods*, [914-1769](#).

Requirements relating to placement of labels relating to dangerous goods are detailed in: *Specification for the Environment – Dangerous Goods Label Placement*, [914-1771](#).

REFERENCE INFORMATION

Document Title	Number	ESO Controlled ¹		Quality Record	
		Yes	No	Yes	No
<i>Environmental Specification – Declarable and Restricted Materials</i>	914-1765	x			x
<i>Global Supplier Management: Specification for the Environment – RoHS Compliant Materials and Qualifications</i>	914-1766	x			x
<i>Specification for the Environment – Dangerous Goods</i>	914-1769	x			x

Specification for the Environment – Dangerous Goods Label Placement	914-1771	x			x
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1 All references to documents controlled by Engineering Services were current when this document was released.

2 For quality record information refer to *WWOPS Quality: Control of Quality Records*, [923-1764-xx](#).

Document History and Approvals

Dash	Rev	Date	Description of Change	Originator
01	A	30 Jan 2004	Initial release.	N/A
01	B	15 Mar 2004	Changed confidentiality label.	N/A
02	A	14 Apr 2004	Updates and corrections.	N/A
03	A	02 Jul 2004	Updated 6a in Section 6, added Section 17, added paragraph 3 to Section 10.	N/A
04	A	29 Nov 2004	Updated to current SO template with minor edits.	N/A
05	A	21 Feb 2005	Updates and corrections.	N/A
06	A	24 May 2005	Added text to Purpose and Scope. Added new Sections 1, 15, and 16. Removed references to CSP and BGA components in Section 4. Added text to Item 1, Section 13. Removed old Sections 14 and 15.	N/A
07	A	08 Sep 2005	Updated Scope; Updated Table 1-1, Section 2 #1 and #4 Note, Section 5 #6a and #6c, Section 6 #2f, Section 8 #1, Section 9 #1 and 3, Section 10 #1, Section 11 #2, Section 13 #5 and 6, Section 14 #2, Section 15 #1-2.	N/A
08	A	04 Nov 2005	Added Section 1.1.1 through Section 1.1.2; Updated Section 1.2: first sentence; Updated Section 15: Step 1; Updated Section 16: Step 9.	N/A
09	A	07 Apr 2006	Added footnote to Table 1-1, changed Section 4 title and added new paragraph, added new Item #3 to Section 5, added new Items 17-21 in Section 16, added new JDEC stds. to Reference Documents, added new bullet under Section 5, Item #7, added new bullet under Section 15, Item #1, added two new definitions to Section 4.	N/A
10	A	17 Nov 2006	Rewrote Section 16. Added editorial changes to the whole document.	N/A
11	A	13 Jun 2008	Updated gold finish requirement in Section 5, Item 1. Deleted exemption for DecaBDE in polymeric applications effective July 1, 2008 in Section 16, item 10.	N/A
12	A	25 Aug 2008	Changed from RoHS to all global materials restrictions including REACH, MII, Ozone depleting substances and so on. Inform suppliers not to use ODCs in manufacturing. Scope expanded to include all hardware products including	N/A

			batteries, packaging, software on media, and so on. Updates to RoHS law and exemptions.	
13	A	23 Mar 2009	Brought the specification in line with the latest version of the Joint Industry Guide, JIG-101. Important revisions were made to the coatings and the exemptions sections.	N/A
14	A	10 Jun 2009	Updated content in Table 1-1 and editorial changes.	N/A
15	A	22 Sep 2009	Updates to the technical sections of this specification.	N/A
16	A	31 May 2011	Significant amendments made to the document. This document becomes the Oracle <i>Environmental Specification</i> , an index of documents of environmental concern. Previously documented Restricted Materials are now split into three new documents referenced in Section 3.1.	N/A
Fusion History				
Rev	Date	Description of Change	Originator	
17	24 Apr 2014	Added EU RoHS Recast with Exemption Decision (2011/65/EU) and Vietnam RoHS (Circular No. 30/2011/TT-BCT). Removed EU RoHS 2006 (Directive 2002/95/EC). Added India WEEE_RoHS.	N/A	
18	26 Jun 2014	Removed reference to exemptions procedure 914-1767 and replaced with reference to EU Directive.	N/A	
19	16 Jun 2015	Updated Korea Act to full name. Updated EU WEEE to reflect WEEE Recast. Added CA Prop 65 reference. Added "as amended" to reflect new amendments to multiple laws.	N/A	
20	6 Dec 2016	Change references from WWOps Supplier Engineering to Global Supplier Engineering	N/A	
21	26-July-2021	Removed: "Global Supplier Engineering" from title. Added: Directive (EU) 2018/851 amending Directive 2008/98/EC on Waste (Waste Framework Directive) Added: US Environmental Protection Agency (EPA) Toxic Substance Control Act (TSCA)	N/A	
22	03/2022	Convert to current corporate template	N/A	