

Lenovo Supplier Material Self-Declaration

We hereby declare that all materials, components, commodities, parts and products supplied to Lenovo comply with the requirements of:

1. Lenovo 41A7731 & 41A7733 & Packaging requirements

Lenovo's specifications are integrated into the product development process and into supplier contracts as part of our standard contract terms and conditions. All materials, parts and products incorporated into Lenovo products or bundled with Lenovo products as part of a delivered solution are required to meet the requirements of applicable laws and regulations, Lenovo Specification 41A7731 Baseline Environmental Requirements for Materials, Parts and Products and Lenovo RoHS/REACH Specification 41A7733 as specified in our contracts, hardware drawings and specifications.

Suppliers must complete and return the Full Material Disclosure (FMD) via the Green Data Exchange (GDX) to verify the compliance. At Lenovo's request, the supplier must be able to provide technical documentation in the form of supplier declarations, contractual agreements, material declarations, or analytical test results. Non-Lenovo brand products must comply with applicable legal requirements.

All the necessary documents are available in Lenovo web site.
www.lenovo.com->About Lenovo ->Sustainability -> Resources -> [Procurement/Suppliers](#)
<https://www.lenovo.com/us/en/sustainability-resources>

Lenovo Specification 41A7731: [link](#)

Lenovo RoHS/REACH Specification 41A7733: [link](#)

The latest version must be used.

2. EU RoHS Directive

DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

* Commission Delegated Directive (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances

3. REACH Regulation

REGULATION (EC) No 1907/2006* OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals.

ANNEX XVII

Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparation and Articles

ANNEX XIV

List of Substances Subject to Authorization

Substances of Very High Concern (SVHC)

Candidate List of substances of very high concern for Authorization

No more than 0.1% weight by weight (w/w) concentration in Articles.

If an SVHC is present in a Deliverable at or above the reporting concentrations, the Supplier must provide a customer communication to Lenovo meeting the requirements of Article 33 of the EU REACH Regulation.

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4. California Proposition 65

HEALTH AND SAFETY CODE - HSC

DIVISION 20. MISCELLANEOUS HEALTH AND SAFETY PROVISIONS [24000 - 26204] (Division 20 enacted by Stats. 1939, Ch. 60.)

CHAPTER 6.6. Safe Drinking Water and Toxic Enforcement Act of 1986 [25249.5 - 25249.13] (Chapter 6.6 added November 4, 1986, by initiative Proposition 65, Sec. 2.)

5. IEC 62474 Declarable Substances: Additional Requirements for EPEAT Products (Only)

The IEC 62474 Declarable Substance List (DSL) is a list of regulated substances and substance groups (e.g. lead and lead compounds) that a manufacturer should declare to downstream manufacturers if present in the product. Each substance or substance group entry in the list is accompanied with a reportable application and a reporting threshold level. The supplier that is creating the material declaration will use this information to determine if the substance must be declared.

The DSL may be accessed from the [IEC 62474 database](#) via the menu bar on the left side of the introduction webpage – click on “Declarable substance groups and declarable substances” and then select the substance from the drop down list. For example, selecting “Lead/Lead Compounds” presents five entries with different reportable application / reporting threshold combinations – the first entry corresponds to the RoHS restriction. Clicking on the “Details” button reveals information about reference substances; typical EEE applications, regulations, and other information.

6. IBM Baseline Environmental Requirements (Servers)

IBM Engineering Specification (ES 46G3772) establishes the baseline environmental requirements for supplier deliverables to IBM. ES 46G3772 contains restrictions on materials in products and on certain chemicals used in manufacturing. It also requires suppliers to disclose information about the content of certain materials in their products. In addition, the specification includes requirements for batteries, marking of plastic parts, and other product labeling requirements.

The IBM ES 46G3772 specification can be found here:

<https://www.ibm.com/ibm/environment/products/especs.shtml>

7. MS Environmental compliance specifications for Hardware Products (Hyperscale Products Only)

MS Environmental compliance specification raises restricted substances requirements through control system, specific rules & lab testing. H00642 builds the restricted substances control system for hardware products delivered to MSFT. H00594 sets up substances requirements which lists banned (zero tolerance), restricted (allowed with specific limits) and declarable substances and materials used in or during the manufacture of all Products and packaging. H02446 establishes the requirements for analytical laboratory testing requirements.

The MS Environmental compliance specifications may be accessed and downloaded here:

<https://www.microsoft.com/en-pk/download/details.aspx?id=11691>.

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Conformance Verification Checklist:

Trade Name: _____

Machine Type: _____

Compliance ID: _____

Part Name: _____

Part Number: _____

Compliance ID: _____

Lenovo Environmental Specifications:

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- Table 1 – Restricted Substances**

- PBT Chemicals under TSCA Section 6(h)**
 - Decabromodiphenyl ether (DecaBDE) (CAS# 1163-19-5)
 - Phenol, Isopropylated Phosphate (3:1) (PIP (3:1)) (CAS# 68937-41-7)
 - 2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP) (CAS# 732-26-3)
 - Hexachlorobutadiene (HCBd) (CAS# 87-68-3)
 - Pentachlorothiophenol (PCTP) (CAS# 133-49-3)

- Table 3 - Reportable Substances**

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EU RoHS Directive:

- RoHS 2 plus Phthalates (Directive (EU) 2015/863)**

REACH Regulation:

- Substances of Very High Concern (SVHC)**
- Annex XVII (Restricted List)**

EPEAT Product Additional Requirements:

- Annex XIV (Authorization List)**
- IEC 62474 Declarable Substances**

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IBM Baseline Environmental Requirements (Servers)

ES 46G3772

MS Environmental Compliance Requirements (Hyperscale Products Only):

H00642

H00594

H02446

IEC 62474 Declarable Substances

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Authorized Signature:

The undersigned hereby certifies that he/she is the authorized representative on behalf of the corporation.

(Company Name)

(Company Address)

(Name)

(Title)

(Telephone)

(Email)

(Signature)

(Date)