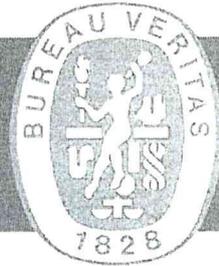


BUREAU VERITAS
Certification



Certification

Awarded To

HEWLETT-PACKARD COMPANY

HQ: 3000 HANOVER ST., PALO ALTO, CA 94304 USA
SEE APPENDIX FOR ADDITIONAL CERTIFIED LOCATIONS

Bureau Veritas Certification North America, Inc. certifies that the management system of the above organization has been audited and found to be in accordance with the requirements of the management system standards and scope of supply detailed below

STANDARDS

ISO 14001:2004

SCOPE OF SUPPLY

**WORLDWIDE MANUFACTURING OF COMPUTING AND
IMAGING PRODUCTS AND RELATED OPERATIONS**

Approval Date: **23 JULY 2012**

Subject to the continued satisfactory operation of the Organization's Management System, this certificate will remain valid until: **22 JULY 2015**

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.

Certificate No: **US004979-1**

Issue Date: **23 JULY 2012**

Revision Date: **31 OCTOBER 2013**

For Bureau Veritas Certification North America, Inc.
390 Benmar Drive, Houston, Texas, USA
www.us.bureauveritas.com/bvc



BUREAU VERITAS
Certification



Certification

Awarded To

HEWLETT-PACKARD COMPANY

HQ: 3000 HANOVER ST., PALO ALTO, CA 94304 USA

APPENDIX TO CERTIFICATE NUMBER US004979-1

Bureau Veritas Certification North America, Inc. certifies that the management system of the above organization (including the locations listed below) has been audited and found to be in accordance with the requirements of the management system standards detailed below

STANDARDS

ISO 14001:2004

CERTIFIED LOCATIONS

| Sub-Certificate | Sites Address | Site Specific Scope |
|-----------------|--|---|
| US004979-1A | 3000 Hanover Street, Palo Alto, California, 94304 | HP Global Environment, Health & Safety, including administration of Company-wide EMS activities |
| US004979-1B | 1070 NE Circle Blvd., Corvallis, Oregon, 97330 | Inkjet/piezo printhead and pen production, testing and facilities support operations |
| US004979-1C | 16399 West Bernardo Drive, San Diego, California, 92127 | Ink jet printhead and pen production, testing and facilities support operations. |
| US004979-1D | 11455 Compaq Center Drive, Houston, Texas, 77070 | Manufacturing of computing and storage products, and facilities support operations. |
| US004979-1F | Puerto Rico PRMO, ISB, PRIMO and PRRO Highway 110 North KM 5.1, Aguadilla, Puerto Rico | Manufacturing of inkjet cartridges, commercial ink, CD/DVD, assembly of printed circuit boards, Network Operations Center, R&D operations, repair operation, and facilities support operations. |

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STANDARDS

ISO 14001:2004

CERTIFIED LOCATIONS

| Sub-Certificate | Sites Address | Site Specific Scope |
|-----------------|---|---|
| US004979-1G | Dublin Inkjet Manufacturing Operations Liffey Park Technology Campus, Barnhall, Leixlip, Kildare, Ireland | Final assembly and print head manufacture of ink jet cartridges, and facilities support operations. |
| US004979-1H | Barcelona International Center (HP Española & HP Services) Cami' de Can Graells, 1-21, 08174 Sant Cugat Del Valles (Barcelona), Spain | Large Format Printers (LFP) prototyping and testing, Demo & Training Center for Graphic Arts (GA), admin offices and facilities support operations. |
| US004979-1I | Hewlett-Packard Computadores, Ltda. Rodovia SP 340 Campinas Mogi Mirim, KM 118.5 Campinas – Site Nortel, Campinas SP Brasil | Management, manufacturing, integration, storage and distribution of network servers, supply chain management for desktops and notebooks, and facilities support operations. |
| US004979-1J | EMAP/PSDA 452 Alexandra Road, Singapore, 119961 | The management of manufacturing, planning and distribution of computer and network products/solutions, and facilities support operations. |

Subject to the continued satisfactory operation of the Organization's Management System, this appendix will remain valid until: **22 JULY 2015**

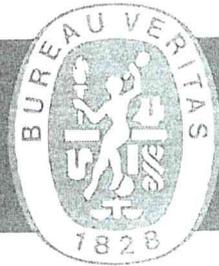
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STANDARDS

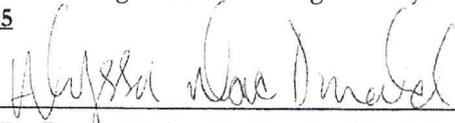
ISO 14001:2004

CERTIFIED LOCATIONS

| Sub-Certificate | Sites Address | Site Specific Scope |
|-----------------|---|---|
| US004979-1K | Inkjet Supplies Business (ISB) Singapore and Indigo Singapore 1150 Depot Road, Singapore 09673 138 Depot Road, Singapore 109683 438A Alexandra Road, Alexandra Technopark Blk A, Singapore 119967 4 Tuas West Avenue, Singapore | Manufacturing assembly of HP inkjet cartridges, intermediate assembly and wafer fabrication of HP inkjet printheads, manufacturing of Electro-ink Supplies and Substrate Certifications, and facilities support operations. |
| US004979-1L | Akishima Site 3927-7 Haijima-cho, Akishima-Shi, Tokyo, Japan 196-0002 | Manufacturing, integration and distribution of computer products, and facilities support operations |
| US004979-1N | Hewlett-Packard Indigo Digital Press Division Haleshem 5, Kiryat Gat Israel 82000 | Manufacturing of digital presses and imaging products, and facilities support operations. |
| US004979-1O | Hewlett-Packard India Sales Pvt. Ltd Plot No. 9-11A & 35-37A, Sector -V, Integrated Industrial Estate Pantnagar (SIDCUL), Rudrapur- 263153, US Nagar, Uttarakhand State, India | Manufacturing of computer systems, and facilities support operations. |

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STANDARDS

ISO 14001:2004

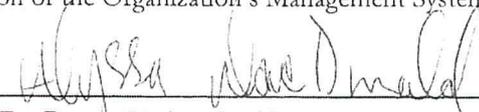
CERTIFIED LOCATIONS

| Sub-Certificate | Sites Address | Site Specific Scope |
|-----------------|--|--|
| US004979-1P | HP Brasil Country Operations HPS - Av. Tamboré, 74 - Barueri, SP - 06460-000 | Brazil TSG Manufacturing & Data Center Operations, TSG/IPG/PSG Sales & Supply Chain Offices, Back Offices & facilities support operations. |
| US004979-1Q | Hewlett-Packard South Africa (Pty) Ltd 12 Autumn Street, Rivonia, Sandton 2128, South Africa | Sales, installation and support services of information technology products. |
| US004979-1R | Hewlett-Packard (Chongqing) Co., Ltd No. 22 Xiyuan Yi Road, Xiyong Town, Shapingba District, Chongqing, P.R.C | Management of the manufacture and distribution of personal computers and servers, and facilities support operations. |
| US004979-1S | Hewlett-Packard Scitex Israel 8b Hatzoran St, Netanya, Israel Hashita 10 South Industrial Park, Caesarea, Israel Haleshem 5, Kiryat Gat Israel 82000 | Manufacturing of Long Format Digital Printing Machines, and manufacturing of UV Based Inks |
| US004979-1T | Shanghai Hewlett-Packard Co. Ltd No. 2727, Jinke Road, Zhangjiang High-tech Park, Shanghai, China | Management of the manufacture and distribution of personal computers and servers, and facilities support operations. |

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For Bureau Veritas Certification North America, Inc.
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HP EliteDisplay E201 20-inch LED Backlit Monitor

Give your business-critical users the display they crave.



The HP EliteDisplay E201 20-inch LED Backlit Monitor delivers outstanding ergonomic adjustability and convenient connectivity in a premier, energy efficient design.

Enhance your view, advance your connectivity

Get vibrant text and graphics from the LED backlit panel, which also makes the monitor thin, light, and easy to position on a desk.

Deliver clear views with wide viewing angles, and keep your content crisp and readable with high contrast ratios and fast response times.¹

Easily connect devices with convenient VGA, DVI, and DisplayPort inputs and an integrated 2-port USB hub.

Work on a document in one partition, refer to a spreadsheet in another, and check e-mails in another—at the same time with HP Display Assistant. Customize your workspace with resizable screen partitions through an easy-to-use, centralized interface.

Use HP Display Assistant's new expanded toolbar to view open applications on all of your connected displays. Deter theft with a user-designated PIN that deactivates the monitor if it's disconnected from a PC without approval.

Get comfortable with HP's ultimate adjustable design

Find your most comfortable working position so you can power through your day. Customizable tilt, height adjustment, swivel, and pivot settings—the most adjustability available on an HP business display—help you find your sweet spot.

Control your environmental impact

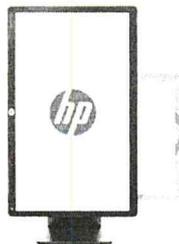
Reduce power consumption and help lower your costs with an intelligent, energy efficient design that carries ENERGY STAR®, EPEAT® Gold², and TCO certifications.

Help decrease your eco-footprint with Mercury-free LED display backlighting, a Low Halogen³ design and arsenic-free⁴ display glass.

HP EliteDisplays also meet TCO Certified Edge requirements for innovative products at the forefront of environmental and ergonomic stand design.

Global reassurance

Rest assured that your IT investment is supported by a three-year standard limited warranty. Select optional HP Care Pack Services⁵ to extend your protection beyond the standard warranties. Get award-winning service and support by phone or online.



HP EliteDisplay E201 20-inch LED Backlit Monitor

| | |
|---|---|
| Part number | C9V73AA |
| Panel type | TN with LED backlight |
| Viewable image area | 50,8 cm (20 in) diagonally measured |
| Viewing angle | Horizontal: 170 degrees; Vertical: 160 degrees |
| Brightness¹ | 250 nits (cd/m ²) |
| Contrast ratio¹ | Static: 1000:1; Dynamic: 5,000,000:1 |
| Response rate¹ | 5 ms (on/off) |
| Frequency | Horizontal: 24 KHz-83 KHz; Vertical: 50 Hz-76 Hz |
| Aspect ratio | 16:9 |
| Native resolution | 1600 x 900 @ 60 Hz |
| Resolutions supported | 640 x 480 @ 60 Hz, 720 x 400 @ 60 Hz, 800 x 600 @ 60 Hz, 1024 x 768 @ 60 Hz, 1280 x 720 @ 60 Hz, 1280 x 1024 @ 60 Hz, 1440 x 900 @ 60 Hz, 1600 x 900 @ 60 Hz |
| Input signal | VGA (analog), DVI-D, DisplayPort (HDCP support on DVI-D and DisplayPort) |
| USB | Integrated USB 2.0 hub with (2) Downstream and (1) Upstream ports |
| User controls | Menu, Minus ("-"), Plus ("+") /Input Control, OK/Auto, Power |
| Power consumption | Maximum: 30 W; Typical: 22 W; Power saving: 0.5 W |
| Dimensions (w x d x h) | Unpacked: 47,28 x 22,89 x 43,48 cm (18.63 x 9.02 x 17.13 in) Head only: 47,28 x 5,1 x 28,9 cm (18.63 x 2.01 x 11.39 in) |
| Weight | Unpacked: 5,2 kg (11.44 lb); Head only: 3 kg (6.6 lb); Packaged: 7,1 kg (15.62 lb) |
| Base features | Tilt: -5 degrees to +30 degrees; Swivel: 360°; Height Adjustable: 150 mm; Pivot Rotation: 90° |
| Environmental | Operating: 5° to 35° C (41° to 95° F); Non-operating: -20° to 60° C (-34° to 140° F) |
| Accessories⁶ (sold separately) | <p>HP Adjustable Dual Display Stand - Premium space-saving dual screen solution provides access to more monitor real estate and makes it possible to manage multiple applications simultaneously. Weight adjustable for dual monitors from 17"-24". Rotate displays into portrait/landscape positions. Part Number AW664AA.</p> <p>HP LCD Speaker Bar - Powered directly by the connected PC, seamlessly attaches to the monitor's bezel to bring full multimedia support to select HP LCD monitors; features dual speakers with full sound range and two external jacks for headphones. Part number NQ576AA.</p> <p>HP USB Graphics Adapter - Enables connection of up to six simultaneous displays. Use one Adapter to bridge between a notebook or desktop PC and second monitor or use multiple Adapters to connect several displays to each other. Part number NL571AA.</p> <p>HP Business PC Security Lock Kit - Attaches to the rear of the PC with a six-foot steel cable that can be used to secure a PC or peripherals such as mice, keyboards, monitors or USB security devices to protect them against unauthorized removal by physically connecting the system to an anchor point. Part number PV606AA.</p> <p>HP LCD Monitor Quick Release⁷ - An easy-to-use, VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach an LCD monitor to a variety of stands, brackets, arms or wall mounts. Part number EM870AA.</p> <p>HP Single Monitor Arm - Provides a seemingly endless range of display adjustments with an amazing 13 inches of lift, 50 degrees of tilt, and 360 degrees of pan and rotation. Part number BT861AA.</p> <p>HP Integrated Work Center 2 - Small Form Factor (SFF) - Designed specifically for use with the HP Compaq Small Form Factor (SFF) Desktop PC and a 17 to 24-inch (43.18 to 60.96 cm) diagonal monitor, it provides a portable, compact workspace to help maximize space-constrained work environments. (17 to 24-inch diagonal monitors need to meet supported weight limits of 7.5 to 12.1 lbs. (3.38 to 5.5 kg). Part number QP897AA.</p> <p>HP DVI to DVI Cable - Connect to external monitors with a DVI connector from an HP Compaq Business Desktop computer with a DVI connector. The cable is a single link cable with DVI-D support on both connectors. The cable will connect to either a DVI-D or DVI-I connector on the monitor and the graphics card. Part number DC198A.</p> |
| Certification and compliance | CE, CB ,KC, KCC, NOM, PSB, ICE, TUV-S, CCC, CEL Grade 1, CECP, SEPA, TCO Certified Edge, EPA, ISC, VCCI ,FCC, BSMI, ENERGY STAR®, EPEAT® Gold ² (select regions) |
| Limited warranty | Protected by HP, including a 3 year standard limited warranty. Optional HP Care Pack Services ³ are extended service contracts that extend your protection beyond the standard warranties. |

1. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

2. EPEAT® Gold where HP registers commercial display products. See www.epeat.net for registration status in your country.

3. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

4. Arsenic and its compounds were not detected using U.S. EPA test methods 3052/6010b by ICP-AES with a Method Detection Limit 10 ppm.

5. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. HP Care Pack Services extend service contracts beyond the standard warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at www.hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at www.hp.com/hps/carepack.

6. Each accessory and mounting hardware is sold separately.

7. The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) for all devices mounted. Because mounting surfaces vary widely and the final mounting method and configuration may vary, mounting fasteners are not supplied (other than the VESA-compliant screws). HP recommends that you consult with a qualified engineering, architectural or construction professional to determine the appropriate type and quantity of mounting fasteners required for your application and to ensure that your mounting solution is properly installed to support applied loads.

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UAB "HEWLETT-PACKARD"

V. Gerulaičio g. 1, LT-08200 Vilnius, tel. (8 5) 210 33 00, faks. (8 5) 210 33 01

Įmonės kodas 111676283, PVM mokėtojo kodas LT116762811

A.s. Nr. LT41 2140 0300 0001 2683 Nordea Plc banke, banko kodas 21400

Rejestro tvarkytojas: LR ūkio ministerijos Įmonių registravimo skyrius, Gedimino pr. 38/2, LT-2600 Vilnius



2012 m. kovo 12 d.

PRANEŠIMAS

Šiuo raštu patvirtiname, kad UAB „EIT Sprendimai“ yra sudariusi Įgalioto Aptarnavimo Partnerio sutartį su UAB Hewlett-Packard ir turi Hewlett-Packard sertifikuotą techninės priežiūros centrą Vilniuje.

Ši sutartis suteikia teisę UAB „EIT Sprendimai“ atlikti Hewlett-Packard produktų garantinį ir CarePack aptarnavimą.

Sutartis įgalioja aptarnauti stalinius ir nešiojamus kompiuterius bei monitorius, verslo Intel tarnybines bei „Blade“ stotis (įskaitant jų monitorius), duomenų saugyklas, HP LAN/WAN tinklo įrangą, rašalinius ir lazerinius spausdintuvus, multifunkcinius spausdinimo įrenginius.

UAB „EIT Sprendimai“ taip pat turi teisę užsakyti HP atsargines dalis pogarantiniam aptarnavimui.

Daugiau informacijos apie HP Aptarnavimo Partnerystės programą ir Lietuvoje galiojančią partnerių sąrašą galima rasti adresu:

<http://h41112.www4.hp.com/service-partner/lt/lt/index.php>

Šis patvirtinimas galioja iki 2015m. birželio 12 dienos.

Luisas Bilys

HP Technologijų Aptarnavimo padalinio vadovas Baltijos šalims

KOPIJA TIKRA



Generalinė direktorė
Daiva Šmakovienė

2015-03-18

THE ECO DECLARATION

Product environmental attributes – THE ECO DECLARATION

The declaration may be published only when all rows and/or fields marked with an * are filled-in (n.a. for not applicable).
Additional information regarding each item may be found under P14.

| | | |
|------------------------|--|---|
| Brand * | <i>ThinkPad</i> |  |
| Company name * | <i>Lenovo</i> | |
| Contact information * | <i>Lenovo Global Environmental Affairs Alvin L Carter 1009 Think Place Building 2 / 5F1 Morrisville, North Carolina 27560 alcarter@lenovo.com</i> | |
| Internet site * | <i>http://www.lenovo.com/social_responsibility/us/en/environment.html</i> | |
| Additional information | <i>The latest version of this document can be found at http://www.lenovo.com/social_responsibility/us/en/datasheets_notebooks.html</i> | |

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.

| | |
|------------------------|--|
| Type of product * | <i>Notebook PC</i> |
| Commercial name * | <i>ThinkPad Edge E540</i> |
| Model number * | <i>20C6</i> |
| Issue date * | <i>2014-06-06</i> |
| Intended market * | <input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Asia, Pacific & Japan <input type="checkbox"/> Americas <input type="checkbox"/> Other |
| Additional information | |

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

| Quality Control | | Requirement met | |
|-----------------|---|-------------------------------------|--------------------------|
| Item | | Yes | No |
| QC1 * | The company enforces an internal quality control scheme to ensure the correctness of this eco declaration | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| QC2 * | The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see www.itecodeclaration.org). | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| | | |
|----------------|---|--------------------|
| Model number * | ThinkPad Edge E540 M/T 20C6 20C6 | |
| Issue date * | 2014, June 6 | Logo lenovo |

| Product environmental attributes - Legal requirements | | Requirement met | | |
|---|---|-------------------------------------|--------------------------|-------------------------------------|
| Item | | Yes | No | n.a. |
| P1 | Hazardous substances and preparations | | | |
| P1.1* | Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and Note B1) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.2* | Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.3* | Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.4* | Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.5* | Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.6* | Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), Tris-(aziridiny)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). Comment: Legal reference has no maximum concentration values. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P1.7* | Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P1.8* | Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (see legal reference). Comment: Legal reference has no maximum concentration values. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P1.9* | Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm ² /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:1998. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P1.10* | REACH Article 33 information about substances in articles is available at (add URL or mail contact): http://www.lenovo.com/social_responsibility/us/en/materials.html | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P2 | Batteries | | | |
| P2.1* | If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is provided in user manual. (See legal reference) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P2.2* | Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P2.3* | Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medical or data integrity reasons do not have to be "easily removable". (See legal reference) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P3 | Safety, EMC connection to the telephone network and labeling | | | |
| P3.1* | The product complies with legally required safety standards as specified (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P3.2* | The product complies with legally required standards for electromagnetic compatibility (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P3.3* | If product is intended for connection to a public telecom network or contains a radio transmitter, it complies with legally required standards for radio and telecommunication devices (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P3.4* | The product is labeled to show conformance with applicable legal requirements (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P4 | Consumable materials | | | |
| P4.1* | If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see legal reference and Note B1). | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P4.2* | If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference). | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P4.3* | If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference). | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P5 | Product packaging | | | |
| P5.1* | Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P5.2* | Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P5.3* | The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Note B1: Restriction applies to the homogeneous material, unless other specified and expressed in weight %.

| | | |
|----------------|---|--------------------|
| Model number * | ThinkPad Edge E540 M/T 20C6 20C6 | |
| Issue date * | 2014, June 6 | Logo lenovo |

| Product environmental attributes - Market requirements - Environmental conscious design | | Requirement met | | |
|---|---|-------------------------------------|-------------------------------------|--------------------------|
| Item | *=mandatory to fill in. Additional information regarding each item may be found under P14. | Yes | No | n.a. |
| P6 | Treatment information | | | |
| P6.1* | Information for recyclers/treatment facilities is available (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7 | Design | | | |
| | Disassembly, recycling | | | |
| P7.1* | Parts that have to be treated separately are easily separable | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.2* | Plastic materials in covers/housing have no surface coating. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P7.3* | Plastic parts >100g consist of one material or of easily separable materials. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.4* | Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.5 | Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.6* | Labels are easily separable. (This requirement does not apply to safety/regulatory labels). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Product lifetime | | | |
| P7.7* | Upgrading can be done e.g. with processor, memory, cards or drives | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.8* | Upgrading can be done using commonly available tools | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.9. | Spare parts are available after end of production for: 5 years | | | <input type="checkbox"/> |
| P7.10 | Service is available after end of production for: 5 years | | | <input type="checkbox"/> |
| | Material and substance requirements | | | |
| P7.11* | Product cover/housing material type: Material type: PC+ABS-FR(40) Material type: _____ Material type: _____ | | | |
| P7.12 | Electrical cable insulation materials of power cables are PVC free. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P7.13 | Electrical cable insulation materials of signal cables are PVC free | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P7.14 | All cover/housing plastic parts >25g are free from chlorine and bromine. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.15 | All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note B2) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.16 | Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4: Marking: FR(40) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.17 | Alt. 1 Chemical specifications of flame retardants in printed circuit boards >25g (without components): TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input type="checkbox"/> , Other; chemical name: DOPO , CAS #: 35948-25-5 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Alt. 2 Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4: FR(40) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.18 | Alt. 1 Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%: Comment: No legal limits exist, this is a market requirement. 1. Chemical name: FR 3002 , CAS #: confidential 2. Chemical name: TMB1615 , CAS #: confidential 3. Chemical name: GC-1150 , CAS #: confidential | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Alt. 2 Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4: FR(40) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.19 | Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45, R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.20 | Of total plastic parts' weight >25g, recycled material content is 9.9% . | | | |
| P7.21 | Of total plastic parts' weight >25g, biobased material content is 0% . | | | |
| P7.22 | Light sources are free from mercury If mercury is used specify: Number of lamps: _____ and max. mercury content per lamp: _____ mg | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P8 | Batteries | | | |
| P8.1* | Battery chemical composition: Lithium Ion | | | <input type="checkbox"/> |
| P8.2 | Batteries meet the requirements of the following voluntary program/s: US RBRC | | | <input type="checkbox"/> |

*IEC61249-2-21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and arsenic which are included in the group of halogens.

Note B3: Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.

| | | | |
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| Model number * | ThinkPad Edge E540 M/T 20C6 | Logo | lenovo |
| Issue date * | 2014, June 6 | | |

| Product environmental attributes - Market requirements (continued) | | | | | Requirement met | | | | |
|---|--|-------------------------|--|---|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| Item | | | | | Yes | No | n.a. | | |
| P9 Energy consumption | | | | | | | | | |
| 9.1 For the product the following power levels or energy consumptions are reported: <i>See P14</i> | | | | | | | | | |
| Energy mode * | Power level at 100 V AC | Power level at 115 V AC | Power level at 230 V AC | Reference / Standard for energy modes and test method * | <input type="checkbox"/> | | | | |
| Peak (On-max) | 65/90W W | 65/90W W | 65/90W W | Full load | <input type="checkbox"/> | | | | |
| Category I1 | | | | | | | | | |
| Short Idle State - WOL Enabled | 8.84 W | 8.95 W | 9.16 W | Use for ENERGY STAR V6 registration (P_{idle}) | <input type="checkbox"/> | | | | |
| Long Idle State - WOL Enabled | 4.99 W | 5.04 W | 5.23 W | Use for ENERGY STAR V6 registration (P_{idle}) | <input type="checkbox"/> | | | | |
| Sleep (S3) - WOL Enabled | 0.75 W | 0.75 W | 0.79 W | Use for ENERGY STAR V6 registration (P_{sleep}) | <input type="checkbox"/> | | | | |
| Sleep (S3) - WOL Disabled | 0.73 W | 0.74 W | 0.78 W | Reference | <input type="checkbox"/> | | | | |
| Off (S5) - WOL Enabled | 0.40 W | 0.40 W | 0.44 W | Use for ENERGY STAR V6 registration (P_{off}) | <input type="checkbox"/> | | | | |
| Off (S5) - WOL Disabled | 0.38 W | 0.38 W | 0.42 W | Use for EuP | <input type="checkbox"/> | | | | |
| Category I3 | | | | | | | | | |
| Short Idle State - WOL Enabled | 8.99 W | 8.99 W | 9.14 W | Use for ENERGY STAR V6 registration (P_{idle}) | <input type="checkbox"/> | | | | |
| Long Idle State - WOL Enabled | 5.09 W | 4.99 W | 5.28 W | Use for ENERGY STAR V6 registration (P_{idle}) | <input type="checkbox"/> | | | | |
| Sleep (S3) - WOL Enabled | 0.75 W | 0.75 W | 0.79 W | Use for ENERGY STAR V6 registration (P_{sleep}) | <input type="checkbox"/> | | | | |
| Sleep (S3) - WOL Disabled | 0.73 W | 0.74 W | 0.77 W | Reference | <input type="checkbox"/> | | | | |
| Off (S5) - WOL Enabled | 0.40 W | 0.40 W | 0.44 W | Use for ENERGY STAR V6 registration (P_{off}) | <input type="checkbox"/> | | | | |
| Off (S5) - WOL Disabled | 0.38 W | 0.38 W | 0.42 W | Use for EuP | <input type="checkbox"/> | | | | |
| EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.) | 0.150 W | 0.160 W | 0.200 W | Energy Star | <input type="checkbox"/> | | | | |
| PTEC Typical Energy Consumption | W | W | W | | <input type="checkbox"/> | | | | |
| TEC Typical Energy Consumption | kWh/week | kWh/week | kWh/week | | <input checked="" type="checkbox"/> | | | | |
| E _{TEC} Annual Energy Consumption | 33.20 kWh/year | 32.04 kWh/year | 31.26 kWh/year | $E_{TEC} = (8760/1000) \times (P_{off} \times 0.25 + P_{sleep} \times 0.35 + P_{long_idle} \times 0.10 + P_{short_idle} \times 0.30)$ | <input type="checkbox"/> | | | | |
| <i>P_{off}: Off Mode(S5) - WOL Enabled; P_{sleep}: Sleep Mode(S3) - WOL Enabled; P_{idle}: Idle State - WOL Enabled</i> | | | | | | | | | |
| Display resolution : 1366*768/1920*1080 Megapixels | | | | Specification | <input type="checkbox"/> | | | | |
| Print Speed : Images per minute | | | | | <input checked="" type="checkbox"/> | | | | |
| Default time to enter energy save mode: minutes | | | | | <input type="checkbox"/> | | | | |
| P9.2* Information about the energy save function is provided with the product. | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version: Version 6.0 dated June 2, 2014 Tier: Product category: Others specify: | | | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| P10 Emissions | | | | | | | | | |
| Noise emission – Declared according to ISO 9296 | | | | | | | | | |
| P10.1 | Mode | Mode description | Declared A-weighted sound power level $L_{WA,d}$ (B) | Declared A-weighted sound pressure level L_{pAm} (dB) | | | | | |
| | | | | Operator position <input checked="" type="checkbox"/> | Bystander positions <input type="checkbox"/> | | | | |
| | | | | Desktop <input type="checkbox"/> | (only if product is not operator attended) | | | | |
| | | | | or Desk side <input type="checkbox"/> | | | | | |
| | Idle | * HDD: idle | * 2.8 | 22 | <input type="checkbox"/> | | | | |
| | Operation | * HDD: Operating | * 3.6 | 28 | <input type="checkbox"/> | | | | |
| | Other mode | ODD operating | 4.8 | 43 | <input type="checkbox"/> | | | | |
| | Measured according to: <input checked="" type="checkbox"/> ISO7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74 with L_{pAm} measurement distance m) | | | | | | | | |
| P10.2 | The product meets the acoustic noise requirements of the following voluntary program/s: | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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|----------------|---|------|---------------|
| Model number * | ThinkPad Edge E540 M/T 20C6 20C6 | Logo | lenovo |
| Issue date * | 2014-06-06/2014, June 6 | | |

| Product environmental attributes - Market requirements (continued) | | Requirement met | | |
|---|---|-------------------------------------|--------------------------|-------------------------------------|
| Item | | Yes | No | n.a. |
| Chemical emissions from printing products | | | | |
| P10.3* | Test performed according to ECMA-328 (ISO/IEC 28360) standard <input type="checkbox"/> , other specify: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P10.4 | Typical emission rate (print phase) is (mg/h): Dust Ozone Styrene Benzene TVOC | | | <input checked="" type="checkbox"/> |
| P10.5 | Chemical emission requirements of the following voluntary program/s are met for : Dust <input type="checkbox"/> Ozone <input type="checkbox"/> Styrene <input type="checkbox"/> Benzene <input type="checkbox"/> TVOC <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Electromagnetic emissions | | | | |
| P10.6 | Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P11 Consumable materials for printing products | | | | |
| P11.1* | A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3). | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P11.2* | Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P11.3* | 2-sided (duplex) printing/copying is an integrated product function. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P12 Ergonomics for computing products | | | | |
| P12.1* | The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P12.2* | The physical input device meets the requirements of ISO 9995 and ISO 9241-410. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P13 Packaging and documentation | | | | |
| P13.1* | Product packaging material type(s): <i>carton & paper pad</i> weight (kg): <i>0.542</i> Product packaging material type(s): <i>pulp mold</i> weight (kg): <i>0.230</i> Product packaging material type(s): <i>bag</i> weight (kg): <i>0.0175</i> | | | |
| P13.2* | Product plastic packaging is free from PVC. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P13.3* | Specify media for user and product documentation (tick box): Electronic <input checked="" type="checkbox"/> , Paper <input checked="" type="checkbox"/> , Other <input type="checkbox"/> | | | <input type="checkbox"/> |
| P13.4* | For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: <i>80%</i> | | | <input type="checkbox"/> |
| P14 Additional information (See Note B4) | | | | |
| NOTE: Supplier makes no representations, guarantees, assurances or warranties whether express or implied, regarding the information contained in this document. All information provided by supplier in this document is provided based on supplier's knowledge available at the time of completion, and supplier shall have no obligation to update such information. The information provided here is approximate and provided for informational purposes only. See a Lenovo Account Representative for more information. | | | | |
| P9 | See Energy Star Qualified Notebooks & Tablet Computers for the latest information: http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&pgw_code=CO | | | |

Note B1: Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key

Legal references Europe Annex B

| Reference | Declaration item |
|--|------------------------------|
| 2002/95/EC (ROHS Directive) | P1.1, P4.1 |
| REACH, Annex XVII | P1.6, P1.8, P4.2 |
| REACH, Annex XVII | P1.4 |
| REACH, Annex XVII | P1.2 |
| REACH, Annex XVII | P1.7 |
| REACH, Annex XVII | P1.9 |
| Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000 | P1.3 |
| Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002 | P1.5 |
| 2006/66/EC (Battery and accumulators Directive) | P2.1, P2.2, P2.3, P3.4, P8.1 |
| 2006/95/EC (Low Voltage Directive) | P3.1, 3.4 |
| 2004/108/EEC (New EMC Directive) | P3.2, 3.4 |
| 1999/5/EC (R&TTE Directive) | P3.3, 3.4 |
| "REACH" Regulation (1907/2006), annex VII | P1.10 |
| (EC) No.1272/2008 regulation on classification, labeling and packaging (CLP) | P4.3 |
| REACH article 31, annex II | P4.3 |
| 2004/12/EC (Directive on packaging and packaging waste) | P5.1 |
| (97/129/EC) (Commission Decision on Identification System for Packaging Materials) | P5.2 |
| 2037/2000/EC Regulation on Substances that Deplete the Ozone Layer | P5.3 |
| 2002/96/EC (WEEE directive) | P3.4, P6.1 |
| (EC) No.1272/2008 regulation on classification, labeling and packaging (CLP) | P7.19 |

BUREAU VERITAS
Certification



LENOVO GROUP LTD.

Executive HQ: 1009 Think Place Morrisville, NC 27560 USA

PLEASE SEE APPENDIX FOR ADDITIONAL CERTIFIED LOCATIONS

Bureau Veritas Certification certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below

Standards

ISO 9001:2008

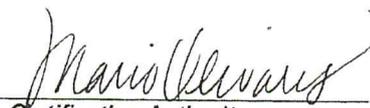
Scope of certification

Design, development, manufacturing fulfillment, marketing, sales and services of Lenovo computer products and devices

Certification cycle start date: **17 June 2013**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **16 June 2016**

Certificate No. **US005995-1**


Certification Authority

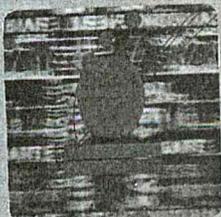
Certification body address: *Brandon House, 180 Borough High Street, London SE1 1LB, United Kingdom*

Local office: *Bureau Veritas Certification North America, Inc.
390 Benmar Drive, Houston, Texas, USA
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008

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization. To check this certificate validity please call **+(800) 937-9311**.



BUREAU VERITAS
Certification



LENOVO GROUP LTD.

Executive HQ: 1009 Think Place Morrisville, NC 27560 USA
APPENDIX TO CERTIFICATE NUMBER: US005995-1

Bureau Veritas Certification certifies that the Management System of the above organization (including the locations listed below) has been audited and found to be in accordance with the requirements of the management system standards detailed below

STANDARDS

ISO 9001:2008

CERTIFIED LOCATIONS

| | | |
|--|---|--|
| Argentina – Mexico 2051 - 3° Piso - (B 1640 DLY) Martinez, Argentina Site Scope : Sales, Admin | Australia – Level 10, North Tower, 1-5 Railway Street, Chatswood, NSW, 2057 Australia Site Scope : Sales, Services, Admin | Australia – Rivergate, Handelskai 92 /Gate2/1.OG Top B+G A-1200 Wien Vienna, Australia Site Scope : Sales, Admin |
| Brazil – Av. Carlos Grimaldi, 1701 - 2° andar --- Jardim Conceição Campinas – SP CEP 13091-908 Brazil Site Scope : Sales, Admin | Brazil – Av. Chedid Jafet, 222 – Bloco C - 2° andar -- 04551-065 – São Paulo – SP Brazil Site Scope : Sales, Admin | Canada – 2235 Sheppard Avenue East, Suite 1800, North York, Ontario Canada M2J 5B5 Site Scope : Sales, Admin |

Certification cycle start date: **17 June 2013**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **16 June 2016**


Certification Authority

Certification body address:

Brandon House, 180 Borough High Street, London SE1
1LB, United Kingdom

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