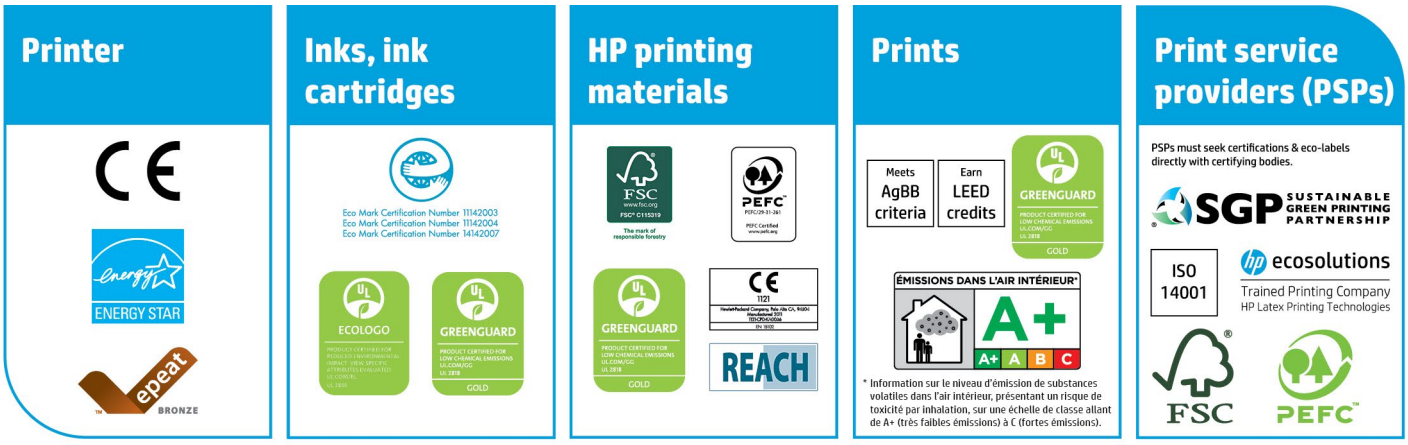
HP Latex Printing Technologies

Environmental certifications and eco-labels overview[1]



HP is helping to change the environmental profile of signage printing. With a comprehensive set of current programs in place and a global network of environmental product stewards working to address current—as well as anticipated—regulatory requirements, HP is committed to working with our partners and our customers to provide a positive force for change in the environmental profile of signage printing.

HP Latex Printing Technologies carry a wide set of credentials ranging from sustainability to air quality and green building programs. Each certification and eco-label applies to specific products—in many cases in specific configurations or under specific circumstances—within the HP Latex Printing Technologies portfolio. For the most current information on certifications and eco-labels for each HP Latex printer, reference product data sheets available at hp.com/go/latex. The certifications and eco-labels highlighted above apply as of August, 2014.

Printer

- **CE marking**—indicates a product's compliance with European Union (EU) legislation, satisfying applicable legislative requirements and enabling products to be sold throughout the European Economic Area (EEA). Criteria include RoHS, WEEE, REACH, and other environmental directives. See ec.europa.eu
- **ENERGY STAR**—a voluntary United States (US) Environmental Protection Agency (EPA) program that certifies products for superior energy efficiency. Products sold to governments in the US, Taiwan, the EU, Australia/ New Zealand, and Japan must be ENERGY STAR Certified. See energystar.gov
- **EPEAT Bronze**—a comprehensive environmental rating that helps identify "greener" computer and other electronic components. The Electronic Product Environmental Assessment Tool (EPEAT) is a voluntary certification. Qualified products meet rigorous criteria across the complete product life cycle—from materials restriction to packaging and air quality—in addition to the latest ENERGY STAR standard. See epeat.net

Inks, ink cartridges

- **Japan Eco Mark**—Eco Mark-Certified products certified by the Eco Mark Office of Japan Environment Association, as compared to similar products, demonstrate reduced environmental impacts. Certification criteria takes into consideration the entire life cycle including resource extraction, manufacture, distribution, use, disposal, and recycling. Applicable to ink cartridges with select HP Latex Inks. See ecomark.jp/english/
- **UL ECOLOGO®**—a prominent, voluntary certification issued by UL Environment and recognized worldwide. ECOLOGO® Certification to UL 2801 demonstrates that an ink meets a range of multi-attribute, lifecycle based criteria related to human health and environmental considerations. The standard criteria include testing for heavy metals content and solvents, requirements for minimal VOC content levels, as well as product recyclability. HP is the only large format digital printing manufacturer to earn ECOLOGO® Certification for latex printing as of January, 2014. See ul.com/EL
- **UL GREENGUARD GOLD**—a prominent, voluntary certification issued by UL Environment and recognized worldwide. GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. The GREENGUARD GOLD Certification indicates that products—including inks, printed substrates, and indoor applications such as wallcoverings—contribute to healthier indoor environments by minimizing potential exposure to airborne chemicals. See ul.com/gg

Printing materials

- **FSC® certified[2]**—The HP large format printing materials portfolio includes a wide range of FSC®-certified papers. These papers carry the Forest Stewardship Council (FSC) Mix label, signifying that these media support the development of responsible forest management worldwide. See fsc.org
- **PEFC™ certified[3]**—PEFC™ (the Programme for the Endorsement of Forest Certification Schemes) is a worldwide organization promoting sustainable forest management through forest certification and labeling of forest-based products. The PEFC™ label demonstrates that certified HP papers come from forests that are managed sustainably. See pefc.org
- **UL GREENGUARD GOLD**—a prominent, voluntary certification issued by UL Environment and recognized worldwide. GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. The GREENGUARD GOLD Certification indicates that products—including inks, printed substrates, and indoor applications such as wallcoverings—contribute to healthier indoor environments by minimizing potential exposure to airborne chemicals. See ul.com/gg
- **CE marking**—indicates a product's compliance with European Union (EU) legislation, satisfying applicable legislative requirements and enabling products to be sold throughout the European Economic Area (EEA). Criteria include RoHS, WEEE, REACH, and other environmental directives. HP large format printing materials according to European Standard EN15102. See ec.europa.eu
- **REACH**—REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) is a regulation of the European Union, adopted to improve the protection of human health and the environment from risks that can be posed by chemicals. As required by REACH, HP makes a declaration regarding substances listed as SVHC (155) per Annex XIV of the EU REACH directive published as of June 16, 2014 in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Declaration published at HP Printing Products and Consumables Supplies.

Prints

- **AgBB**—AgBB (Ausschuss zur gesundheitlichen Bewertung von Bauprodukten) health-related evaluation of building products in Germany. Prints meet AgBB criteria for health-related evaluation of VOC emissions of indoor building products. See umweltbundesamt.de/en/topics/health/commissions-working-groups/ausschuss-zur-gesundheitlichen-bewertung-von
- **UL GREENGUARD GOLD**—a prominent, voluntary certification issued by UL Environment and recognized worldwide. GREENGUARD GOLD Certification to UL 2818 demonstrates that products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. The GREENGUARD GOLD Certification indicates that products—including inks, printed substrates, and indoor applications such as wallcoverings—contribute to healthier indoor environments by minimizing potential exposure to airborne chemicals. See ul.com/gg
- **Émissions dans l'air intérieur**—mandatory labelling for decoration products in France. Provides a statement on the level of emission of volatile substances in indoor air posing health risks if inhaled—on a scale from A+ (very low-emission) to C (high-emission). See developpement-durable.gouv.fr
- **LEED**—USGBC's LEED program (United States Green Building Council's Leadership in Energy and Environmental Design) green building certification program recognizes best-in-class building strategies and practices. LEED credits can be obtained based on FSC® certification, and based on low chemical emissions confirmed by UL GREENGUARD GOLD Certification, of prints produced on HP PVC-free Wall Paper using HP Latex Inks.[4] See usgbc.org/leed

Print service providers (PSPs)

Note: Print shops/print service providers must seek certifications and eco-labels directly with certifying bodies. HP does not imply or grant certification or eco-labels to print shops/PSPs nor does it support individual customer processing of such certifications.

- **SGP**—Sustainable Green Printing (SGP) Partnership certification indicates a PSP's facility meets specific sustainability requirements, as verified by a third-party audit. Areas include establishment of a sustainability program, management system, and annual continuous improvement projects. SGP-certified PSP facilities must take specific steps to reduce their environmental footprint, implement pollution prevention, and commit to social and ethical norms. See sgppartnership.org
- **ISO 14001**—ISO (International Organization for Standardization) standards provide a systematic guideline for organizations to document and improve their environmental management program. See iso.org
- **HP Ecosolutions Program**—The HP Ecosolutions Trained Printing Company Program for HP Latex Printing Technologies users provides convenient web-based training to help PSPs gain knowledge to become a resource for the growing number of clients looking for wide format graphics solutions with a reduced environmental impact. See hp.com/ecosolutions/tpc
- **FSC® Chain of Custody certification**—enables PSPs to promote finished prints as FSC® certified, allowing consumers to identify and choose products that support the development of responsible forest management worldwide. See fsc.org
- **PEFC™ Chain of Custody certification**—enables PSPs to promote finished prints as PEFC™ certified, allowing consumers to identify and choose products that come from forests that are managed sustainably. See pefc.org

[1] Certification and eco-label chart is for comparison only. Actual certifications and criteria are subject to change without notice. All trademarks are property of the owner and cannot be repurposed without the expressed approval of the owner.

[2] BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit globalBMG.com/hp.

[3] BMG trademark license code PEFC™/29-31-261, see pefc.org. HP trademark license code PEFC™/29-31-198, see pefc.org. Not all PEFC™-certified products are available in all regions. For information about HP large format printing materials, please visit globalBMG.com/hp.

[4] To obtain US LEED credits based on FSC® certification, the builder must purchase HP PVC-free Wall Paper printed with HP Latex Inks from an FSC Chain of Custody certified print service provider. To obtain LEED credits based on UL GREENGUARD GOLD Certification, HP PVC-free Wall Paper printed with HP Latex Inks must be part of a wall system in which all components are UL GREENGUARD GOLD Certified.

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