

# Making indoor air quality a priority, so we can all breathe a little easier



HP invests in printing systems designed for the well-being of our customers and the environment. Original HP toner cartridges are the heart of your printing system and crucial for its safe performance. You can count on the fact that HP uses independent laboratories to test the indoor air quality performance of HP home and office printers and supplies.

## Indoor air quality (IAQ)

The air quality within and around buildings and structures, which can affect the health and comfort of building occupants.

## Eco-labels and guidelines

Environmental labels or declarations that provide information about a product or service in terms of its environmental characteristics.



## HP doesn't compromise when it comes to IAQ— why should you?

People spend an estimated 90% of their time indoors, and the levels of common air pollutants can be two to five times higher indoors than outdoors, making IAQ a serious health concern.<sup>1</sup>

That's why HP voluntarily designs and tests its printing systems to meet the strictest eco-label and health standards and guidelines.<sup>2</sup>

When you choose HP, you can rest assured that you're helping to maintain a healthy indoor office environment.

## Designed for safety, manufactured and tested for your peace of mind

Original HP toner cartridges—when tested together with HP printers and paper—help meet the most stringent emissions standards for IAQ, including:

- Blue Angel in Germany<sup>3</sup>
- EU Indicative and Binding Occupational Exposure Limit Values<sup>4</sup>
- German Occupational Exposure Limit Values<sup>5</sup>
- German Guide values for Indoor Air<sup>6</sup>
- Nordic Ecolabel in Scandinavia<sup>7</sup>
- WHO Indoor Air Quality Guidelines<sup>8</sup>
- EPEAT<sup>9</sup>

If you use Blue Angel as a purchase requirement, your printer may no longer qualify when using non-HP cartridges.

If your non-HP toner cartridge doesn't meet Blue Angel requirements, it could be releasing hazardous indoor air emissions over the allowed limits, including styrene, particles, and volatile organic compounds (VOCs).

It is only when using Original HP cartridges that you can feel confident your HP printing system will perform within emission guideline limits.

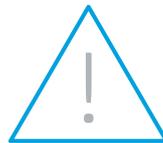
# More trouble than you bargained for—while the price may seem appealing, are non-HP cartridges worth the gamble?



You found a cheaper cartridge online that says it's compatible with your printer. But is it worth the risk?



Non-HP cartridges may not go through the same rigorous performance and emissions testing as Original HP cartridges.



Using a non-HP cartridge may undermine your purchasing department's efforts to comply with Blue Angel qualification standards, and could expose you to unknown health and safety hazards.



**HP isn't willing to compromise your health just to improve our bottom line. Original HP cartridges are designed and tested with your well-being in mind.**



## Choose HP—for your health

Through all phases of product development, HP works hard to deliver a high-quality product that not only meets all your printing needs, but also your IAQ standards. HP can help you:

- ✓ Maintain a healthy indoor office environment
- ✓ Protect your customers and employees from harmful emissions
- ✓ Meet Blue Angel or other eco-label purchasing requirements
- ✓ Avoid potential employee litigation due to compromised IAQ

### Learn more

[hp.com/go/enviroprintdesign](http://hp.com/go/enviroprintdesign)

<sup>1</sup> For more information, see <https://www.eea.europa.eu/signals/signals-2013/articles/indoor-air-quality> and <https://www.epa.gov/report-environment/indoor-air-quality>.

<sup>2</sup> A printing system consists of HP printer, paper, and toner cartridge.

<sup>3</sup> The Blue Angel criteria for printers, copiers, and multifunction devices (RAL-UZ 122) of the German Federal Environmental Agency are in effect as of 2007 and were valid until the end of December 2013. Since January 2013, the RAL-UZ 171 is in effect including a new particle number guide value for laser printers which supplements the established weightbased fine dust guide value of the Blue Angel.

<sup>4</sup> European Commission, Binding Occupational Exposure Limit Values (BOELV), EU Directive 2004/37/EC.

<sup>5</sup> The revised German Ordinance of Hazardous Substances (GefStoffV) defines the workplace limits (AGW). AGWs are stated in the TRGS 900, 2006, as amended.

<sup>6</sup> German Federal Environmental Agency (UBA), Guide values for indoor air, 2005.

<sup>7</sup> Nordic Ecolabelling of imaging equipment, version 5.4. The Nordic Ecolabel or Nordic Swan is the official sustainability eco-label for the Nordic countries, introduced by the Nordic Council of Ministers.

<sup>8</sup> World Health Organization (WHO), Air Quality Guidelines for Europe, 2nd edition, 2000.

<sup>9</sup> Electronic Product Environmental Assessment Tool (EPEAT), managed by the Green Electronics Council of the International Sustainability Development Foundation (ISDF). For printing systems, the IEEE Standard for Environmental Assessment of Imaging Equipment (IEEE Std 1680.2-2012) is applied.

**Learn more about indoor air quality:** [http://ec.europa.eu/health/scientific\\_committees/opinions\\_layman/en/indoor-air-pollution/l-2/2-determining-factors.htm#0](http://ec.europa.eu/health/scientific_committees/opinions_layman/en/indoor-air-pollution/l-2/2-determining-factors.htm#0)

