Learn the risks that clone cartridges can present to you, your business, and the environment

**What are clone cartridges?** Clones are new cartridges that are not affiliated with or authorized by HP. Clones are also known as New Build Compatible (NBC), but are not Original HP toner cartridges.

Did you **KNOW**

HP was named one of the world’s most sustainable corporations in 2017, but most clone manufacturers do not have sustainability programs or recycling capabilities, and do not meet emission guideline limits:

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<th>Indoor air quality and ecolabel compliance</th>
<th>Proven adherence to health and safety standards</th>
<th>Consistent print quality for waste reduction</th>
<th>Free and easy cartridge recycling program</th>
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**Know the risks of clone cartridges**

When using Original HP cartridges, HP printing systems meet limits for indoor air quality emissions, but tests have proven that clone cartridges exceed emission limits.

**Clones fail Blue Angel/EPEAT standards with:**

- Up to 53% over the allowed health and safety limit of styrene
- Up to 60% over the allowed health and safety limit of particles
- Up to 130% over the allowed health and safety limit of volatile organic compounds (VOCs)

**Blue Angel cutoff limit for emissions**

HP cartridges produce results below this line.
In addition to greater emissions, using clones instead of Original HP toner cartridges can also lead to:

**Inconsistent print quality** resulting in reprinting and increased paper consumption, which is the largest environmental impact of printing.5

- 29% more pages to get the same job done5
- 16x the paper waste from reprints due to inconsistent print quality5

Across all areas studied over the life of the cartridge, clones had a larger environmental impact than Original HP toner cartridges:

- 40% more energy usage5
- 54% more fossil fuels consumed5
- 55% larger carbon footprint5

**Partner with HP and help make a difference**

Almost all clone cartridges end up in a landfill. In fact, nearly 90% of the toner cartridges sold by the clone manufacturers surveyed will ultimately be thrown away because most fail to collect their own products.3 But HP makes it free and easy to recycle your used cartridges through the HP Planet Partners program, available in more than 60 countries and territories worldwide.6 So your cartridges never have to end up in a landfill.

**When you choose HP, you’re making a very real difference—for you, your business, and the environment.**