



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 authorised 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 2017,¹ but most clone manufacturers do not have sustainability programmes or recycling capabilities, and do not meet emission guideline limits:^{2,3}



Indoor air quality and ecolabel compliance⁴



Proven adherence to health and safety standards⁴



Consistent print quality for waste reduction⁵



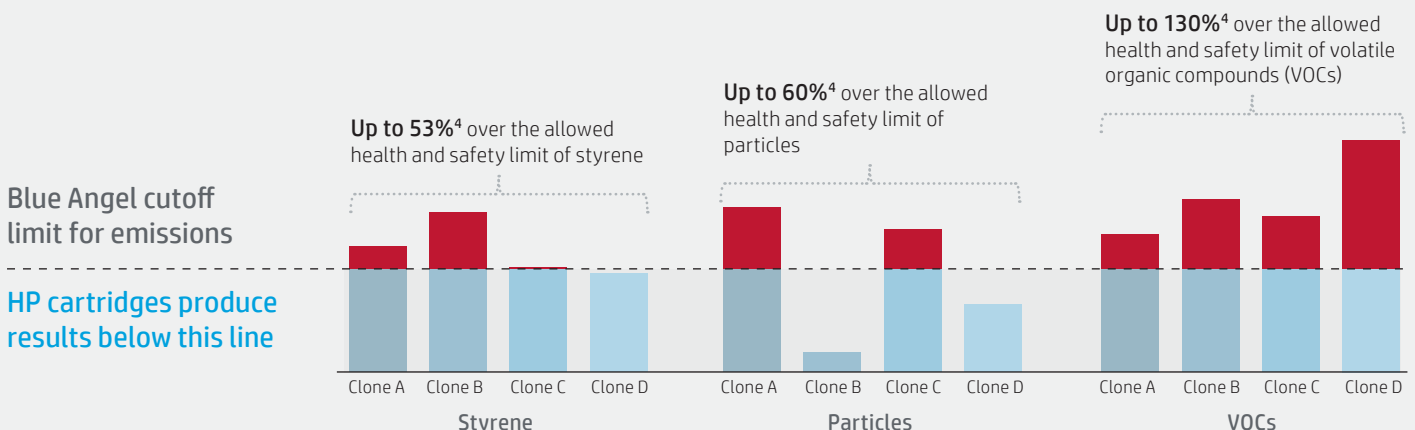
Easy cartridge recycling programme⁶

| | | | | |
|--------|---|---|---|---|
| HP | ✓ | ✓ | ✓ | ✓ |
| Clones | X | X | X | X |

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.⁴

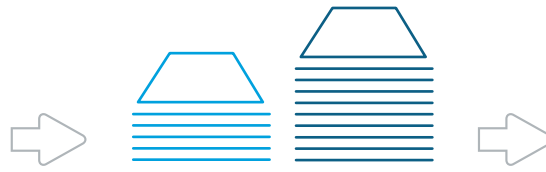
Clones fail Blue Angel/EPEAT standards with:⁴



Clones—bad for printers,⁷ bad for the environment

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



25% more pages
to get the same job done⁵



13x 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:



32% more
energy usage⁵



43% more
fossil fuels
consumed⁵



45% larger
carbon
footprint⁵



Partner with HP and help make a difference

Most clone cartridges end up in a landfill or incinerator. In fact, more than 90% of all the toner cartridges sold by clone manufacturers end up being thrown away because most do not have a recycling process in place.⁸ But HP makes it easy to recycle your used cartridges through the HP Planet Partners programme, 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.

¹ The Global 100 Index is a ranking of the world's most sustainable corporations. The list is compiled by Toronto-based media and investment advisory firm, Corporate Knights (CK). Each year, the latest iteration of the index is announced at the World Economic Forum in Davos, Switzerland.

² Based on HP internal research of manufacturer web sites, which showed no evidence of sustainability programmes.

³ 2018 Four Elements Consulting LCA study, commissioned by HP, compared Original HP 80A and 83A monochrome toner cartridges with a sample of NBC alternatives across eight environmental impact categories. For more information, visit hp.com/go/EMEA-LJLCA-NBC-2018. InfoTrends, 2018 Western Europe Supplies Recycling study, commissioned by HP. Findings are based on average results of interviews with 7 remanufacturers, 6 brokers. For details, see hp.com/go/EMEA-2018InfoTrends.

⁴ 2018 WKI Blue Angel Indoor Air Quality compliance study, commissioned by HP. The study tested 4 New Build Compatible toner cartridge brands sold as substitutes for HP LaserJet Pro MFP M425dn with cartridge 280A. The tests were carried out in compliance with "Prüfverfahren für die Bestimmung von Emissionen aus Hardcopygeräten" for purposes of Blue Angel labelling of office equipment in accordance with RAL-UZ 205. For more information, visit <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-19B1ENW>.

⁵ 2018 Four Elements Consulting LCA study, commissioned by HP, compared Original HP 80A and 83A monochrome toner cartridges with a sample of NBC alternatives across eight environmental impact categories. For more, visit hp.com/go/EMEA-LJLCA-NBC-2018.

⁶ Programme availability varies. For more information, visit hp.com/recycle.

⁷ Printing system consists of HP printer, paper, and toner cartridge.

⁸ Eurostat, 2016 data from report on Municipal waste statistics. For more information, visit http://ec.europa.eu/eurostat/statistics-explained/index.php/Municipal_waste_statistics.

