Halogen Flame Retardant Restrictions Policy

What are halogen Flame Retardants?

Halogen flame retardants are a class of chemicals that contain halogens, such as chlorine, bromine or fluorine, which are either added to or react with materials to effectively retard flames and provide flammability protection to material.

Why restrict halogen flame retardants?

Flame retardants are a group of chemicals whose primary function is to reduce or delay the combustion rate of flammable materials, thereby enhancing their fire resistance. Halogen flame retardants are used in a variety of products, including electronics, furniture, textiles, building materials, and automotive components. However, due to the persistence of halogens in the environment and potential harmful effects on human health and ecosystems, there are growing concerns about their long-term negative impact to health, including cancer, endocrine disruption, reproductive issues, and neurological disorders.

Is there a legal requirement to restrict Halogen flame retardants?

US Washington State legislation "Chapter 173-337 WAC – Safer Products Restrictions and Reporting" and EU Ecodesign Requirements for Electronic Displays, Regulation (EU) 2019/2021 restrict the use of halogen flame retardants in enclosures of electric and electronic products.

What is our policy?

The environmental implications of halogen flame retardant are proven and significant. Beyond meeting the requirement of legislations, we are taking a global approach to restrict and phase out the use of halogen flame retardants in enclosures and stands of products
While products are specifically required to meet flammability levels for safety compliance, the plastic enclosures must be replaced with halogen-free flame retardant resins — such as those using phosphorus-based, nitrogen-based, or other non-halogenated flame retardants.

Impact product	**Electric and electronic products**
Policy Requirements	**Not intentionally used halogen flame retardants** in **enclosures and stands**
Verification threshold	In the homogeneous material: -Total **bromine<1,000 ppm** -Total **chlorine <1,000 ppm** -Total **fluorine <1,000 ppm,** ***exempted when total fluorine >1,000 ppm and total phosphorus>5,000 ppm***

What areas of our business are impacted?

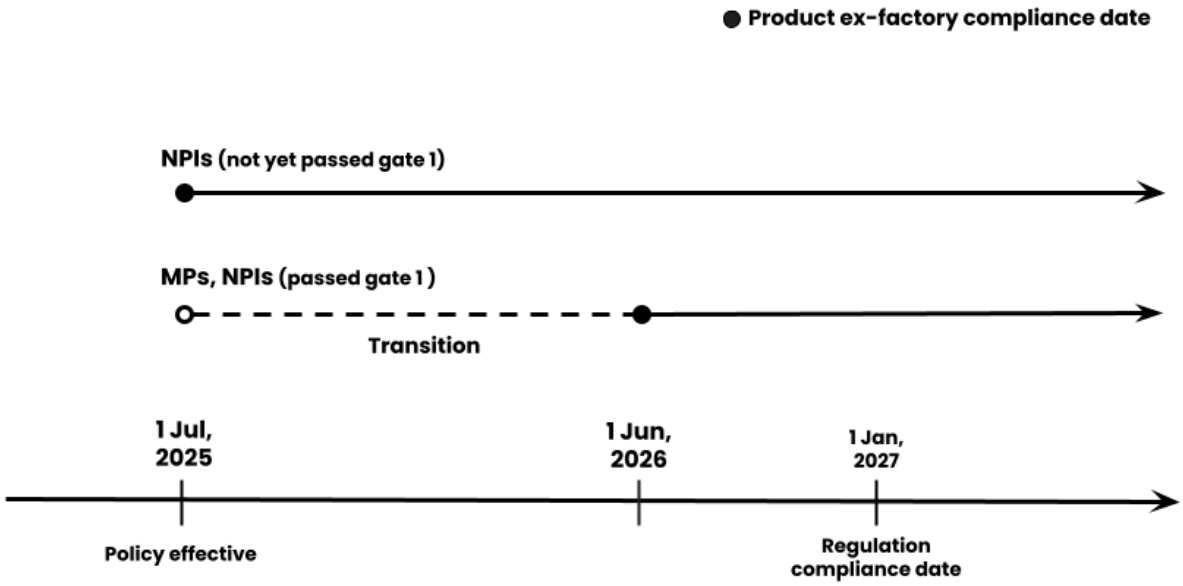
- This policy applies to electric and electronic products across MP and NPIs that are manufactured on or after policy effective date.
- This policy applies to spare parts that can be sold independently, such as power adapters and other accessories. Excluding components integrated within the device, such as battery

What are the timelines for compliance?

The following compliance dates are defined.

Compliance timeline

By June 1, 2026, all ex-factory products must complete the transition away from halogenated flame retardants and comply with this policy.



Product development phase	Compliance date(ex-factory date)
NPIs Not yet passed Gate 1	● Restrict the use of halogenated flame retardants in enclosures and stands by **1-Jul-2025**.
NPIs Passed Gate 1	● Maintain current plans for type of enclosures and stands containing halogen flame retardants where any change would impact on the NPI schedule. ● If halogen flame retardant is used in enclosures and stands, and cannot be avoided within launch schedule , transition away to halogen free plastic external enclosure by **01-Jun-2026.**
MP Products Products already in mass production	● Identify any products where halogen flame retardants are used in enclosures and stands, and develop an action plan to eliminate it and deliver compliance by **01-Jun-2026.**

For any questions or additional details regarding this policy, please contact sustainability@logitech.com.

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