

EU Releases Test Methods for Phenol and Bisphenol A in Toys

On 18 December 2024, the European Committee for Standardization (CEN) published the following two new European harmonized standards (EN) relating to testing for the compliance of the Toy Safety Directive 2009/48/EC:

Reference	Title	This EN specifies requirements and test methods for
EN 71-18:2024	Safety of toys - Part 18: Phenol in aqueous (content) and polymeric (migration) toy materials	determining the concentration of phenol in aqueous toy materials and for migration of phenol from polymeric toy materials.
EN 71-19:2024	Safety of toys - Part 19: Migration of bisphenol A from toy materials	migration of bisphenol A from toy materials

Both ENs are applicable to toys intended for use by children under 36 months or other toys intended to be placed in the mouth.

Substantial Differences to EN 71-10:2005

Standards	Bottle containing the sample and water	Rate	At temperature	Duration
EN 71-18:2024, EN 71-19:2024	Placed upright on a horizontal shaker	Shaken at: (150 ± 10) cycles / min	(37 ± 2)°C (body temperature)	180 to 187 minutes
EN 71-10:2005	To be rotated	Rotated at: (60 ± 5) rpm	(20 ± 2)°C (room temperature)	60 ± 5 minutes

Therefore, applying the new standards will give different test results from using the existing EN 71-10:2005 "Safety of toys - Part 10: Organic chemical compounds - Sample preparation and extraction".

Citation in OJEU

No citation expected for Directive 2009/48/EC.

Effective Date

The effective date timelines are the same for both ENs.

Date of	When	As Latest Date by Which
Announcement (DOA)	31 March 2025	The EN has to be announced at national level
Publication (DOP)	30 June 2025	The EN has to be implemented at national level (by an identical national standard or by endorsement)
Withdrawal (DOW)	30 June 2025	National standards conflicting with the EN have to be withdrawn

References

https://standards.cencenelec.eu/dyn/www/f?p=CEN:110:0::::FSP_PROJECT,FSP_ORG_ID:64040,6036&cs=1BBDBF6AE063ACCA5EFB8BA002AD26AC

https://standards.cencenelec.eu/dyn/www/f?p=CEN:110:0::::FSP_PROJECT,FSP_ORG_ID:64041,6036&cs=1FD7DE12AEA81D1C56F1FBD6F26871F00

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