

NEW SPECIFICATIONS FOR PAH (POLYCYCLIC AROMATIC HYDROCARBONS) BY THE GERMAN COMMITTEE ON PRODUCT SAFETY (AUSSCHUSS FÜR PRODUKTSICHERHEIT, AFPS) FOR GS CERTIFICATE HOLDERS (AFPS GS 2014:01)

The new specification was published by the Federal Institute for Occupational Safety and Health (Bundesanstalt für Arbeitsschutz und Arbeitsmedizin, BAuA) and was made available on the ZLS website in September 2014.

The new AfPS document will replace ZEK 01.4-08 by July 1st, 2015 with regard to GS Certification (doc. available in German only.)

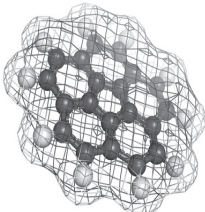
The analytical test conditions remain largely untouched, but the new requirements offer an entirely new set of specifications for PAHs.

Limits have been strengthened for products under Category 2 and 3.

There are 2 main changes:

Products under Category 2 and 3 are now differentiated into defined requirements for

- 1) Toys under the Toy Safety Directive 2009/48/EC (TSD)
- 2) Other products according to the General Product Safety Law (ProdSG).



	Category 1 Materials which are intended to be taken in the mouth, or materials in toys intended and with long-term skin contact (longer than 30 seconds)	Category 2 Materials that are not covered in category 1, with predictable skin contact longer than 30 seconds (long-term skin contact) or repeated short-term skin contact *		Category 3 Materials that do not fall into Category 1 or 2, with predictable skin contact up to 30 seconds (short-term skin contact)	
		Toys acc.To RL 2009/48/EG	Other products acc.To ProdSG	Toys acc.To RL 2009/48/EG	Other products acc.To ProdSG
Benzo[a]pyren mg/kg	< 0,2	< 0,2	< 0,5	< 0,5	< 1
Benzo[e]pyren mg/kg	< 0,2	< 0,2	< 0,5	< 0,5	< 1
Benzo[a]anthracen mg/kg	< 0,2	< 0,2	< 0,5	< 0,5	< 1
Benzo[b]fluoranthen mg/kg	< 0,2	< 0,2	< 0,5	< 0,5	< 1
Benzo[j]fluoranthen mg/kg	< 0,2	< 0,2	< 0,5	< 0,5	< 1
Benzo[k]fluoranthen mg/kg	< 0,2	< 0,2	< 0,5	< 0,5	< 1
Chrysen mg/kg	< 0,2	< 0,2	< 0,5	< 0,5	< 1
Dibenzo[a,h]anthracen mg/kg	< 0,2	< 0,2	< 0,5	< 0,5	< 1
Benzo[ghi]perylene mg/kg	< 0,2	< 0,2	< 0,5	< 0,5	< 1
Indeno[1,2,3-cd]pyren mg/kg	< 0,2	< 0,2	< 0,5	< 0,5	< 1
Acenaphthylen, Acenaphthen, Fluoren, Phenanthren, Pyren, Anthracen, Fluoranthen, mg/kg	< 1 Summe	< 5 Summe	< 10 Summe	< 20 Summe	< 50 Summe
Naphthalin mg/kg	< 1	< 2		< 10	
Summe 18 PAK	< 1	< 5	< 10	< 20	< 50

If any of your products components come into contact with human skin either as short-term repetitive or prolonged, you should be testing to verify PAH content. This new specification as well as the update to Annex XVII is a restriction and if your product is not compliant, it can't be placed on the market. TÜV Rheinland is committed to offering you the latest updates in REACH. Our experts can offer you up-to-date information and recommend relevant test. Please contact us today for more details.



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