

The Restriction of Hazardous Substances in Electrical and Electronic Equipment

EU-Directive 2002/95/EC from January 17th, 2003 (RoHS)

Deuterium Lamps with timers

Dear Ladies and Gentlemen,

this is to inform you:

Deuterium lamps, to our knowledge, do not contain any substances which are banned for use in electrical and electronic equipment as defined by RoHS.

Therefore, the Deuterium lamp itself is RohS compliant.

However, Deuterium lamps with timers have to be considered separately:

The timer can either be treated as "homogenous compound" (part of the lamp) or it can be recognized by WEEE (EU-Directive 2002/96/EC) as an electronic product by itself (see Annex IB, category 2, "...equipment for the purpose of measuring, indicating or registering time").

In both cases, the timer is a product/component that must be included within the scope of RoHS.

The timers used today contain mercury. Therefore, the timer by itself or as an integrated part of the D2-lamp when it is wired to the lamp would not be RoHS-compliant.

Nevertheless, there currently is no other alternative timing mechanism available on the world-market for D2 lamps.

Therefore, the Non-RoHS-Conforming D2-lamp with timer is allowed to be sold in the market but only as a "spare part for the repair, or ongoing use, of an electrical and electronic equipment that has been put in the market before July 1, 2006" (see article 2, 3 from RoHS).

Please, only use these lamps as replacements for instruments belonging to that category!

Heraeus Noblelight is in the process of developing an alternative to the mercury timer which will replace the existing mercury timers in the near future.

The new timer is designed to be RoHS-compliant.

When available, D2-lamps equipped with this new timer will be fully RoHS-compliant and will not be restricted to the use only as a spare part anymore.



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