

The Restriction of Hazardous Substances in Electrical and Electronic Equipment

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

Deuterium Lamps with timers:

HERAEUS Noblelight offers fully RoHS compliant timer!

Dear Ladies and Gentlemen,

Referring to your inquiry, 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.

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.

Most timers used today on the Deuterium lamp market contain mercury. Therefore, the timers by themselves or as an integrated part of the D2-lamp when it is wired to the lamp would not be RoHS-compliant.

Therefore, the Non-RoHS-conforming D2-lamp equipped with Hg-timer is allowed to be sold in the market 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).

HERAEUS NOBLELIGHT, as the first company to do so, has developed and launched its new fully RoHS compliant elapsed time indicator ETI 300 at the Analytica show in Munich 2008. This patented timer is a small and inexpensive, low power consumption device to measure the operating hours of Deuterium Lamps and other lamp types.

Equipped with ETI 300 all D2-lamps from HERAEUS NOBLELIGHT are fully RoHS-compliant now and not restricted to the use as a spare part anymore!



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