



ROHS

RoHS is the acronym for Restriction of Hazardous Substances. RoHS, also known as Directive 2002/95/EC, originated in the European Union and restricts the use of specific hazardous materials found in electrical and electronic products. All applicable products in the EU market after July 1, 2006 must pass RoHS compliance.

What are the restricted materials mandated under RoHS?

The substances banned under RoHS are lead (Pb), mercury (Hg), cadmium (Cd), hexavalent chromium (CrVI), polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), and four different phthalates (DEHP, BBP, BBP, DIBP).

Kiveton Park Steels Limited (K.P.S.) has received several requests for information from their customers' with respect to this legislation and the contents of these substances.

The contents in KPS products are as follows:

- Cadmium
 - Less than .0005% (5ppm) by weight
- Hexavalent Chromium
 - Chromium in hexavalent form is not present in KPS products
- Mercury
 - Less than 00005% (.05ppm) by weight
- Lead
 - In steels with no specific addition, the lead content will not exceed .03% by weight
 - In steels where lead is added to give an improvement in machine-ability, the lead content is given in the lead certified cast analysis and never exceeds 0.35% by weight.
 - The ELVD ANNEX 11 provides for 'steel' (including galvanized) containing upto 0.35% lead by weight.

Precision BS1407 Silver Steel Manufacturers

