



Does Your Business Pass RoHS Compliance?

RoHS is also known as lead free and stands for Restriction of Hazardous Substances. The RoHS 2002/95/EC directive restricts the use of six hazardous materials found in electrical and electronic products. All applicable products in the EU market after July 1st, 2006 must pass RoHS compliance and it is a directive that affects the entire electronics industry.

RoHS specifies maximum levels for the following six restricted materials:

- Cadmium (Cd): 100 ppm
- Mercury (Hg): 100 ppm
- Lead (Pb): 1000 ppm
- Polybrominated Biphenyls (PBB): 1000 ppm
- Polybrominated Diphenyl Ethers (PBDE): 1000 ppm
- Hexavalent Chromium (CrVI): 1000 ppm

WEEE stands for Waste from Electrical and Electronic Equipment. The WEEE Directive 2002/96/EC mandates the treatment, recovery and recycling of electric and electronic equipment as currently 90% ends up in landfills. All applicable products in the EU market after August 13, 2006 must pass WEEE compliance and carry the 'Wheelie Bin' sticker. This legislative initiative helps to solve the problem of huge amounts of toxic e-waste.

Services available from ITCL

The responsibility for RoHS/WEEE and Lead-Free may seem like a daunting task, but at ITCL we offer a simple solution. Using our handheld XRF Analyzer, we can screen in a matter of seconds for all six restricted RoHS elements and over a dozen more that include precious metals, common solder elements and flame retardants. In addition to this, the analyzer can also be used throughout the supply chain and by regulators.

Features & Benefits

Normally, getting results from RoHS testing labs takes several weeks and costs thousands of pounds for each sample analyzed. By using our XRF analyzer, you can realise the benefits immediately as results are shown instantly on screen. This ably demonstrates why the analyzer is the easiest, most cost efficient way of testing for RoHS elements.



Handheld XRF Analyzer

