

# RESTRICTED SUBSTANCES TESTING FOR ELECTRICAL AND ELECTRONICS PRODUCTS



SGS Restricted Substances program helps manufacturers, retailers and suppliers to mitigate the risk of non compliance to Global and national restricted substances regulations. It is becoming even more important to have effective and sufficient testing mechanism in place to prove and make sure that the product meets all the necessary requirements. SGS is a reputed third party source to help clients monitor their supply chains and self-declare compliance with confidence.

# RESTRICTION OF HAZARDOUS SUBSTANCE ROHS

## GREEN TESTING SERVICES (WEEE/ ROHS)



On 13th February 2003 the councils of the EU and the European Parliament published WEEE and RoHS directives. Green Testing Services have been designed to meet the WEEE/ RoHS directive. The purpose is to control the disposal of Waste from Electrical and Electronic Equipment (WEEE) and restrict the use of hazardous substances in these products so as to protect human health and the environment.

## ROHS: RESTRICTION OF THE USE HAZARDOUS SUBSTANCE



Directive 2002/95/EC of the European Parliament and of the council of 27 January 2003 on the Restriction of the use of Certain Hazardous Substances in Electrical & Electronics Equipment. July 1, 2006 Ban 6 hazardous substances (Lead, Mercury, Cadmium, Hexavalent chromium, specified bromine-based flame retardants (PBB, PBDE).

## WEEE: WASTE ELECTRICAL & ELECTRONIC EQUIPMENT



Directive 2002/96/EC of the European Parliament & of the Council of 27 January 2003 on Waste Electrical & Electronic Equipment Range of Testing products.

### OTHER TESTING

- Phthalates ( DNOP, DEHP, BBP, DBP, DINP, DIDP )
- Halogen (Chlorine, Bromine, Iodine and Fluorine)
- SVHC - Substances of very High concern
- PVC/BFR ( Chlorine & Bromine )
- PFOS/PFOA
- PAH (Polycyclic Aromatic Hydrocarbon)
- Bisphenol A (BPA) testing

### RANGE OF TESTING PRODUCTS

- Plastic and its raw materials Metals Parts
- Packing materials Electronic parts Battery
- Glass and Ceramic products Other chemical materials and raw materials
- Other parts of Electrical and Electronic Products



All our laboratories are NABL accredited to ensure you highest quality of trust and peace of mind.

### STATE OF ART EQUIPMENTS IN LABORATORIES

- ICP-MS
- GCMS
- MS AAS
- UV-VIS
- Microwave Digester

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