SURUGA Production Platform Co., Ltd. Green Procurement Guidelines Attachment

【Standards for evaluating the content of specific chemical substances】

The control limit corresponds to a concentration that is considered not to be exceeded if there is no intentional use of specific chemical substances selected from among prohibited substances, and it serves as a standard for management between our company and suppliers.
If the control limit is exceeded, our company will request the supplier to reduce the concentration below the control limit.

Substances to be evaluated	Target parts and materials		Control values	Analysis method
Cadmium	•Resins (including rubber and film) •Paints, inks, pigments, dyes		Less than 5ppm (no volatile components)	ICP emission analysis (ICP-AES, ICP-OES, ICP-MS, etc.) and atomic absorption spectrometry (AAS method)
	Lead-free solder	•Solder bar •Solder wire •Solder with rosin •Solder cream •Solder ball	Less than 5ppm (no volatile components)	
		•Solder joints on purchased circuit boards •Component solder		
Lead	•Resins (including rubber and film) •Paints, inks, pigments, dyes		Less than 100ppm (no volatile components)	
	Lead-free solder	•Solder bar •Solder wire •Solder with rosin •Solder cream •Solder ball	Less than 500 ppm	
		•Solder joints on purchased circuit boards •Component solder	Less than 1000 ppm	
	Metallic materials other than lead-free solder・ Glass (limited to lamps)		Less than 1000 ppm	
	Electroless Nickel Plating		Less than 800 ppm	
	Lead-free solder in a flow bath		Less than 800 ppm	
Hexavalent chromium	Chromate treatment material		Less than 100 ppm	UV-VIS method, diphenylcarbazide analysis method (spectrophotometer), Ion chromatography analysis method
PBB PBDE	•Resin (including rubber and film)		Less than 100 ppm	High-resolution gas chromatography-mass spectrometry (GC/MS)
Lead, mercury, cadmium, hexavalent chromium	Packaging materials Homogeneous materials that make up the packaging (e.g. resin, ink, paint)		Total of 4 heavy metals: less than 100 ppm	Mercury is analyzed using the same method as cadmium and lead. Other substances are analyzed using the same method as the substances assessed above.