



Certification of the Lack of Harmful Materials in Product

Yaskawa Electric Corporation
 Drives SBU, Inverter Factory

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This letter is to certify that we have complied with the RoHS Initiative established in Europe, and that the products listed below contain none of the harmful materials or chemicals restricted by the RoHS Initiative*.

*RoHS: Restriction of the use of certain Hazardous Substances in electrical and electronic equipment.

1. Products and Materials

	PRODUCT NAME	MODEL	SPECIFICATION
1	Inverter VSminiJ7	CIMR-J7x#xxx	".R" at the end of SPEC
2	Inverter VS-606V7	CIMR-V7x#xxx	".R" at the end of SPEC
3	Inverter Varispeed-F7	CIMR-F7#xxx Excluding the following 3 models CIMR-F7#4185 CIMR-F7#4220 CIMR-F7#4300	".R" at the end of SPEC
4	Inverter Varispeed-E7	CIMR-E7#xxx Excluding the following 3 models CIMR-E7#4185 CIMR-E7#4220 CIMR-E7#4300	".R" at the end of SPEC
5	Inverter Varispeed-L7	CIMR-L7#xxx	".R" at the end of SPEC

#A-Z unique code for each region and others

2. Chemicals and Material Excluded and their Threshold Values

Restricted Material		Threshold (Wtppm)	Major Items Excluded
Cd	cadmium	100	Cadmium found in electric switches used in devices that require reliability
Hg	mercury	1000	Mercury lamps, etc.
Pb	lead	1000	<ul style="list-style-type: none"> • Steel materials (items with 3,500ppm and under are exempt) • Aluminum materials (items with 4,000ppm and under are exempt) • Copper alloys (items with 4,000ppm and under are exempt) • High-melting point solder (containing over 85% lead, tin alloy solder) • Lead in electrical ceramic components (piezo electric elements) • Lead in bronze bearing shells and bushes
Cr6+	hexavalent chromium	1000	Absorption refrigerators using hexavalent chromium for anti-corrosion in the carbon steel cooling system
PBB	polybrominated biphenyl	1000	None
PBDE	polybrominated diphenyl ether	1000	Plastics containing Deca-BDE (flame retardant Decabromodiphenyl ether)