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## RoHS II Compliance



Future Design Controls products listed below are in compliance with the ROHS requirements effective July 1, 2006.

**Panel Mount DIN Controls:**

- Series 90, 100, 200, 300, P, L, C and B41 & B42
- Analog Controls 401, 402, 404, 405, 805, 901, 902 and 905

**DIN Rail and Surface Mount Controls:**

- Series 7L and Series 8

**Board Level Temperature Controls:**

- Series 121, 122, B41 and B42

**Recorders:**

- CR06 Strip Chart Recorder
- VR Series Paperless Recorder (models VR06 & VR18)
- PR Series Paperless Recorder (models PR10, PR20 & PR30)

**Color Touch Screen PC:**

- FDC-200 Series of products (models FDC-2010, -2107i, -2110i)
- nCompass Touch Screen displays, models FDC-450, FDC-730, FDC-750, FDC-1050, FDC-1060 and FDC-1550.

**FDC IO Modules**

- All FDC-IO modules

**FDC Gateway Products**

- Model PC-E Gateway Converter (serial Modbus to Ethernet converter)
- Model PC-W Gateway Converter (Wireless Transmitter: Serial & Ethernet)
- Model SN10A Gateway Converter (RS232 to RS485 converter)

**Orion-M iSeries, nCompass-LC / nCompass-CM, Kiln Control System and other color touch screen control systems**

- All components provided in the above referenced products

**Miscellaneous Products**

- Third party products offered by Future Design Controls such as Gateway converters, power supplies, PLC's, etc. have all been validated to be RoHS compliant.

### What is RoHS?

**RoHS**, also known as Lead-Free, stands for *Restriction of Hazardous Substances*. RoHS II Directive 2011/65/EU restricts the use of six hazardous materials found in electrical and electronic products. All applicable products in the EU market after **July 1, 2006** must pass RoHS compliance. RoHS impacts the entire electronics industry.

*The six hazardous materials are: Cadmium (Cd), mercury (Hg), hexavalent chromium (Cr (VI)), polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs), as well as lead (Pb). Products sold in the EU after July 2006 must contain less than a maximum concentration value of 0.1% by weight in homogeneous materials for lead, mercury, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE).*

**Links:**

Directive 2011/55/EU of the European Parliament and of the Council of 8 June 2011:

<http://www.ce-mark.com/Rohs%20final.pdf>

RoHS & WEEE -- Information Guide to RoHS Compliance

<http://www.rohsguide.com/?qg=us&kw=rohs%20compliance&gclid=COHSuqHXrYYCFQ63WAodUyfRIw>