

Heerhugowaard, 01-01-2019

**Directive 2011/65/EC,  
Amended with Directive (EU) 2015/863  
Restriction of Hazardous Substances (RoHS II) with 4 phthalate substances  
Declaration of Compliance**

The European Union Directive 2011/65/EC, Restriction of Hazardous Substances (RoHS-II) legislation restricts the use of certain substances in electrical and electronic equipment (EEE). This directive applies to all electrical and electronic products and their components currently placed on the European market except for stated exemption categories. On June 4, 2015, the EU Commission published new Directive (EU) 2015/863 which adds 4 phthalate substances to the list of 6 already in RoHS II. These phthalates will be restricted from use starting July 22, 2019 from most EEE.

FCD-Tech parts that have been identified as RoHS compliant do not exceed the maximum concentration values tolerated by weight to homogeneous materials for following designated substances:

- Cadmium 0.01%
- Hexavalent Chromium 0.1%
- Lead 0.1% Mercury 0.1%
- Polybrominated Biphenyls (PBBs) 0.1%
- Polybrominated diphenyl ethers (PBDE) 0.1%
- Bis(2-ethylhexyl) phthalate (DEHP) 0.1%
- Butyl benzyl phthalate (BBP) 0.1%
- Dibutyl phthalate (DBP) 0.1%
- Diisobutyl phthalate (DIBP) 0.1%

Product	Product Type
Quartz Crystals	Thru-Hole type, SMD type
Oscillators	XO, VCXO, TCXO, OCXO, VCO, RF & Microwave Oscillators
Filters	Quartz Filters, SAW Filters, Ceramic Filters
Piezoelectric Sensors	Quartz Crystal Microbalance (QCM); Temperature, Force, Pressure Sensors

FCD-Tech B.V.

Signed by:  
Jan Hiemstra

