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Sep 27, 2019

RoHS, RoHS 2 & RoHS 3 Compliance Status Update - Rev. 12

All Domtech Inc. cable products manufactured since May 1, 2008 are compliant with current RoHS, RoHS 2 and RoHS 3 restricted substances and limits requirements.

RoHS

The original RoHS is an EU Directive (2002/95/EC) pertaining to the Restriction of Hazardous Substances in Electrical and Electronic Equipment (EEE). It was adopted by the EU in February 2003 and brought into force 1st of July 2006.

This directive was brought into force in order to limit the component concentration of six hazardous substances found in EEE as they are harmful to the environment, mainly through the pollution of landfills.

RoHS Directive covers a wide range of products, including not only integrated electrical and electronic products but also individual parts, raw materials and packing cases.

This directive is very closely related to the WEEE directive, Waste from Electrical and Electronic Equipment (2002/96/EC) except RoHS regulates hazardous substances in EEE while WEEE regulates the disposal of the same equipment.

RoHS 2/RoHS 3

RoHS 2 is an updated / recast version of RoHS. In RoHS 3 the list has been further expanded to cover a total of ten restricted substances, as can be viewed in the table below.

RoHS Restricted Substances and Limits

• Lead	(Pb):	<1000 ppm
• Mercury	(Hg):	<1000 ppm
• Cadmium	(Cd):	<100 ppm
• Hexavalent Chromium	(Cr VI):	<1000 ppm
• Polybrominated Biphenyls	(PBB):	<1000 ppm
• Polybrominated Diphenyl Ethers	(PBDE):	<1000 ppm
• Bis(2-ethylhexyl) phthalate	(DEHP):	<1000 ppm
• Butyl benzyl phthalate	(BBP):	<1000 ppm
• Dibutyl phthalate	(DBP):	<1000 ppm
• Diisobutyl phthalate	(DIBP):	<1000 ppm

RoHS does not require any specific product labeling, however many manufacturers have adopted their own compliance marks. Examples of the visual indicators in use today include explicit "RoHS compliant" labels, green leaves, check marks, and "PB-Free" markings. Chinese RoHS labels use a lower case "e" within a circle with arrows, which can also designate compliance.

The RoHS 2 directive attempts to address this issue of non-defined/non-approved/non harmonized compliance marks and reduce confusion by mandating the use of the CE mark and by introducing an additional enforcement agency, Trading Standards.

Also, RoHS 2 will work closely with REACH.