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Dear Valued Customer:

In the printed circuit board manufacturing process, the design components that will affect RoHS compliance are the laminate, final finish selection, solder mask and legend ink. The laminates used in Westak's manufacturing facilities do not contain any restricted substances and have been certified by our suppliers. The solder masks and legend inks are also RoHS compliant. While Westak offers a variety of lead-free final finishes, any surface finish containing lead (i.e. HASL, tin/lead, etc.) is not compliant to the RoHS directive.

Westak manufactures bare printed circuit boards to customer design specifications. This letter serves to certify that unless a design specifies the use of a final finish containing lead, PCBs manufactured by Westak do not contain any substances regulated under European Union Directive 2011/65/EU above the following homogeneous substance limits:

Substance	% Limit
Lead (Pb)	0.1 (1,000 PPM)
Cadmium (Cd)	0.01 (100 PPM)
Mercury (Hg)	0.1 (1,000 PPM)
Hexavalent Chromium (Cr6+ or CrVI)	0.1 (1,000 PPM)
Polybrominated Biphenyls (PBB's)	0.1 (1,000 PPM)
Polybrominated Diphenyl Ethers (PDBE's)	0.1 (1,000 PPM)

Should you specify a lead-containing surface finish, there may be an applicable exemption for such PCBs. However, Westak is unable to identify any such exemption, as the exemptions are based on end use of the PCB, and Westak does not control the end use of the PCB. Therefore, Westak must request customers to assign any applicable EU RoHS exemption to lead-containing PCBs.

On June 4, 2015, the European Commission published EU Directive 2015/863 amending Annex II to EU RoHS 2 Directive (2011/65/EU) by adding the following four restricted substances:

Substance	% Limit
Bis(2-ethylhexyl) Phthalate (DEHP)	0.1 (1,000 PPM)
Benzyl Butyl Phthalate (BBP)	0.1 (1,000 PPM)
Dibutyl Phthalate (DBP)	0.1 (1,000 PPM)
Diisobutyl Phthalate (DIBP)	0.1 (1,000 PPM)

These additional substance restrictions are scheduled to take effect in July 2019. Westak can confirm that PCBs manufactured in our facilities do not currently contain these phthalates.

Should you have any questions on this certification, please contact your WESTAK representative.

Sincerely,

Deborah Hall
Director of Business Services