

Date: April 24, 2024

Re: Per- and Polyfluoroalkyl Substances (PFAS) Compliance Declaration

Lake Shore Cryotronics Inc is aware of Laws and Regulations to protect public health and the environment put forward by the EU, USA, and other regional marketplaces to impose restrictions, stringent control measures or ban entirely use of PFAS materials.

Per- and polyfluoroalkyl substances (PFAS) comprise a “Class” of organic alkyl (carbon based) substances in which the carbon-hydrogen groups on which all (Per-) or many (Poly-) of the hydrogen atoms have been replaced with fluorine. PFAS is the widest definition and class name for all chemicals containing CF₂ or CF₃ groups. This includes discrete small molecules, monomers, and short chain fluorochemicals used as part of a polymerization process.

Lake Shore Cryotronics Inc., PFAS compliance declaration certifies that Lake Shore Cryotronics Inc. overall does not use PFAS substances in the manufacture of its products. However, some components used for its wire insulation and heat shrink tubing assembly and associated products may include PFAS such as **Polytetrafluoroethylene (PTFE), commercially known as Teflon**, a synthetic fluoropolymer. This is generally in the form of molded rubber (elastomeric polymer), and other secondary sealing elements where PFAS is used in the resins to manufacture these certain parts. In this cross-linked rubber form, they are of larger molecular weight materials which are non-bioavailable and are Polymers of Low Concern (PLC).

Our goal is to minimize the environmental and human health risks from PFAS use without disrupting global electronic manufacturing. Lake Shore Cryotronics Inc. is committed to compliance with government regulations and industry standards for environmental health and protection and to striving to meet our customers' needs.

Sincerely,

Signature: 
Name: Frank Abange
Position: Corporate Compliance Manager