



16525 East Laser Drive Phone 480-837-5200  
Fountain Hills, AZ 85268 Fax 480-837-5300

11/02/18

**Subject: Certificate of Cooperation with REACH**

Dear Customer,

Technologic Systems Inc. is aware of the European Union Directive 1907/2006 on the Registration Evaluation Authorization and Restriction of Chemicals (REACH) and subsequent revisions, and is making an effort to ensure there are not any Substances of Very High Concern (SVHC) used in our products.

Under the structure of the REACH regulation, our company is a manufacturer of "ARTICLES" only, where "articles" are defined as "an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition". We do not manufacture "substances" or preparations and our articles do not involve the "intentional release of substances".

Technologic Systems affirms that the listed part number(s) below and all customized derivatives of these part numbers, are "articles" comprised solely of other "articles" which have shown compliance with the European Union Directive 1907/2006 on the Registration Evaluation Authorization and Restriction of Chemicals (REACH)

TS-5620 (PC/104 Peripheral - Battery Backed Real Time Clock)

As of the date of this document none of the articles used in creating the printed circuit board assembly of the above product(s) are believed to contain Substances of Very High Concern (SVHC) listed by the European Chemicals Agency (ECHA) in concentrations equal to or above 0.1% w/w, with exception of Lead, which may be contained in some products.

With regard to the requirement of Article 67 of REACH defined as "A substance on its own, in a preparation or in an article, for which Annex XVII contains a restriction shall not be manufactured, placed on the market or used unless it complies with the conditions of that restriction." We declare that none of the restricted substances is known to be present in the above articles in quantities totaling in a concentration equal or above 0.1%, with exception of Lead, which may be contained in some products. With the exception of the Real Time Clock (RTC) device which contains a battery. The battery contains the SVHC 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)(CAS Number 110-71-4) used as a solvent for electrolyte inside the lithium batteries. The SVHC does not present an exposure risk. 0.0224g of this SVHC is contained in the RTC (2.8% of the RTC by weight). Also with exception of Lead, which may be contained in some products.

Lead, which was added to the REACH Annex XIV as a Substance of Very High Concern(SVHC) on June 27th, 2018, may be contained in some of the "articles" used to make Technologic Systems products. In such cases the lead is RoHS exempted with 7a (lead in high melting temperature type die attach solders) or 7c (lead in glass or ceramic).



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Technologic Systems can provide detailed information with regards to the presence of substances in our articles within 45 days of a written request, if the requestor signs a BOM Sharing Agreement restricting the use of shared information to proving compliance to environmental standards.

As REACH Regulation is updated frequently, for the major changes afterwards, such as the addition of SVHC substances into Annex XIV, the addition of restricted substances in Annex XVII, Technologic Systems will evaluate the further revise in time and update this declaration to reflect these changes.

A handwritten signature in black ink, appearing to read "Robert L. Miller".

Robert L. Miller

President