

## **RoHS and REACH COMPLIANCE**

Updated: August 24, 2018

SDP/SI is a global manufacturer/supplier of small mechanical components. A significant volume of our products are shipped to EU countries; therefore compliance to RoHS/REACH is a primary objective.

To the best of our knowledge, Stock Drive Products/Sterling Instrument (SDP/SI) product lines are RoHS and REACH (SVHC and Restricted Substances as defined in Article 67 and Annex XVII) compliant, unless explicitly stated otherwise.

### **What is RoHS?**

RoHS stands for Restriction of Hazardous Substances. In 2002 the European Union issued Directive 2002/95/EC, restricting the use of six (6) hazardous materials found in electrical and electronic equipment. As of July 1, 2006, all applicable products in the EU market must be RoHS compliant.

Published by the EU in 2011, Directive 2011/65/EU or RoHS 2, includes a CE-marking directive.

Directive 2015/863 (RoHS 3), published by the EU in 2015, adds four (4) additional restricted substances to the list of six.

### **Restricted Materials Mandated under RoHS**

The first six (6) applied to the original RoHS and the last four (4) were added under RoHS 3.

- Lead (Pb): < 1000 ppm
- Mercury (Hg): < 100 ppm
- Cadmium (Cd): < 100 ppm
- Hexavalent Chromium (Cr+6): < 1000 ppm
- Polybrominated Biphenyls (PBB): < 1000 ppm
- Polybrominated Diphenyl Ethers (PBDE): < 1000 ppm
- Bis (2-Ethylhexyl) phthalate (DEHP): < 1000 ppm
- Benzyl butyl phthalate (BBP): < 1000 ppm
- Dibutyl phthalate (DBP): < 1000 ppm
- Diisobutyl phthalate (DIBP): < 1000 ppm

### **What is REACH?**

REACH stands for Registration, Evaluation, Authorization and Restriction of Chemicals, and it was enacted by the European Union in June, 2007. There is a continuously updated list of SVHC (Substances of Very High Concern) whose concentrations should not exceed 0.1% weight by weight in final products. The list can be found here: <https://echa.europa.eu/candidate-list-table> There is an additional list of restricted substances as defined in Article 67 and Annex XVII (including all amendments); the restricted substances list can be found here: <https://echa.europa.eu/substances-restricted-under-reach>

### **Why is RoHS/REACH Compliance Important?**

The restricted materials/substances are hazardous to the environment and dangerous in terms of occupational exposure during manufacturing and recycling.

### **How does SDP/SI comply with the RoHS/REACH Regulations?**

- All of our purchase orders have clauses requiring our suppliers and subcontractors to only provide RoHS/REACH compliant materials/processes. If the materials/processes are not in compliance, the supplier must inform us. Certificates confirming compliance must be supplied at our request.
- All in-house manufacturing uses RoHS/REACH compliant materials/processes.

Regards,



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