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TO: Our Valued Customers

FROM: Chris DiRie – Group Manager, Contracts and Compliance SCM

DATE: 17-NOV-2023

SUBJECT: WEEE, RoHS, and REACH Bulletin

Crane Aerospace & Electronics, Inc. ("Crane") is fully aware of EU REACH Regulation (EC No 1907/2006) concerning the Registration, Evaluation, Authorization and Restriction of Chemicals that entered into force on June 1st, 2007. We have dedicated programs and resources to deal with legislative requirements and business continuity concerns related to EU REACH.

We recognize that our customers may require information about the use of regulated substances contained in our products to fulfill their obligations under this regulation. We are committed to assisting our customers in this matter, based on our knowledge and the cooperation of our supply chain. In response to requests for information regarding substances used in our products, the following outlines our Crane's commitment to WEEE, RoHS, and REACH.

Waste Electrical & Electronic Equipment (WEEE) – Crane aerospace and defense products are exempt from the requirements of the WEEE directive 2012/19/EU.

Restriction of Hazardous Substances (RoHS) – Crane aerospace and defense products are out of scope for RoHS (2011/65/EU), including its amendments.

REACH – We do not manufacture substances or produce articles within the EU. Therefore, Crane falls under the criteria defined by Article 33 of the regulation as being an "Article Supplier". REACH Article 33 requires suppliers to inform customers of articles containing Substances of Very High Concern (SVHC) above the reporting threshold of 0.1% weight/weight.

The most recent update to the Substances of Very High Concern (SVHC) Candidate List, in June 2023 added two substances to the list, bringing the total to 235 substances. The full list of SVHC can be found at the following location:
https://www.echa.europa.eu/web/guest/candidate-list-table

Based on our analysis to date and information provided to us, Crane A&E products do not contain SVHC above the reporting threshold, with the following exceptions:

> **Lead** (7439-92-1) – Circuit Card Assemblies may use lead-containing solder. Lead solder provides greater durability compared to available alternatives and helps mitigate against tin whisker growth.
>
> **Cadmium** (7440-43-9) – May be used as corrosion resistant plating, helping to reduce corrosion of flight-critical steel components.

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Strontium Chromate (7789-06-2) – Authorized uses include as an additive in paints, primers, and specialty coatings for aerospace parts, and for the maintenance of those parts.

Octamethyl Cyclotetrasiloxane (556-67-2) – May be contained RTV silicones.

Cyclohexane-1,2- dicarboxylic anhydride (85-42-7) – May be contained in marking inks.

Hexahydromethylphthalic anhydride (25550-51-0) – May be contained in encapsulants.

Our products do not contain substances *Restricted Under REACH*, in any prohibited use conditions. The list of restrictions can be found at the following location:
https://echa.europa.eu/substances-restricted-under-reach

Crane regularly monitors the website of the European Chemicals Agency (ECHA) for the addition of new substances to the Candidate List of SVHC to determine if they may be present in our products. If any of the substances added to the Candidate List are found to be above the reporting threshold in our products, an update to this bulletin will be provided.

Crane supports the goals of REACH and is committed to providing reasonable and appropriate support to our customers. Should additional assistance be required regarding this matter, please do not hesitate to contact us.

Thanks & Best Regards,

DocuSigned by:
Christopher DiRie
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