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References:

- **EU Directive 2011/65/EU on the Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)**
- **Commission Delegated Directive (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU**
- **Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)**

Management of Restricted Substances in Vaisala

Vaisala is actively monitoring global laws and regulations restricting use of certain hazardous substances. We work with our suppliers to collect part level material data in order to monitor and evaluate compliance of our products frequently.

Vaisala products which are affected by the RoHS directive belong to Category 9b, "Industrial monitoring and control instruments". These products became subject to the RoHS directive beginning from 22 July 2017. The maximum permitted concentrations in non-exempt products are 0.1% or 1000 ppm (except for cadmium, which is limited to 0.01% or 100 ppm) by weight. The restrictions are on each homogeneous material in the product.

The Commission Delegated Directive (EU) 2015/863 added 4 phthalates to the list of restricted substances (annex II of the RoHS directive). The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

The European Chemicals Agency manages the REACH regulation, adding to the candidate list of substances of very high concern (SVHC) twice a year. Article 33 of REACH requires a supplier of articles containing a listed candidate SVHC in a concentration above 0,1% weight by weight to provide the recipient with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum the name of that substance.

REACH requires any producer or importer of articles to send a notification to ECHA if all their articles supplied during a year contain more than one tonne of a Candidate List substance. Only articles where the content exceeds 0.1% w/w have to be considered. The duty applies from six months after a substance has been listed. However, no notification to ECHA is needed 1) if the use of the substance in the article is covered by a REACH registration for the substance (Art 7.6), or 2) if the supplier can exclude exposure to humans or the environment during normal or reasonably foreseeable use and disposal (Art 7.3).

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