

July 2019

Restriction of Hazardous Substances

RoHS 2 Directive Statement

Tata Steel in Europe is aware of the EU Directive 2011/65/EU (RoHS 2) on the Restriction of the use of certain hazardous substances in electrical and electronic equipment, and the importance of good communication about this in the supply chain. Tata Steel in Europe is also aware of the revision of RoHS 2 by Directive 2015/863 (commonly known as RoHS 3), which added four substances to Annex II of the Directive.

The RoHS 2 Directive states that a producer shall ensure that new electrical and electronic equipment placed on the market on or after 22nd July 2019* shall not contain the hazardous substances lead, mercury, hexavalent chromium, cadmium, certain brominated fire retardants, DEHP, BBP, DBP and DIBP. However, the European Commission recognises the impossibility of achieving total avoidance of the restricted substances, and has formally adopted rules allowing low concentrations of the substances, as follows:

- 0.1% by weight in homogeneous materials for lead;
- 0.1% by weight in homogeneous materials for hexavalent chromium;
- 0.1% by weight in homogeneous materials for mercury;
- 0.1% by weight in homogeneous materials for polybrominated biphenyls;
- 0.1% by weight in homogeneous materials for polybrominated diphenyl ethers;
- 0.01% by weight in homogeneous materials for cadmium;
- 0.1% by weight in homogeneous materials for Bis(2-ethylhexyl) phthalate (DEHP);
- 0.1% by weight in homogeneous materials for Butyl benzyl phthalate (BBP);
- 0.1% by weight in homogeneous materials for Dibutyl phthalate (DBP);
- 0.1% by weight in homogeneous materials for Diisobutyl phthalate (DIBP).

All steel grades produced by Tata Steel in Europe conform to the requirements of the RoHS 2 Directive, including the revision of Annex II by Directive 2015/863 (commonly known as RoHS 3).

The Waste Electrical and Electronic Equipment (WEEE) Directive 2012/29/EU is aimed at reducing the amount of waste electrical and electronic equipment destined for landfill through good design and recovery at end-of-life. Tata Steel products are widely recycled and therefore their use in the manufacture of electrical and electronic equipment meets the requirements of the WEEE Directive.

* For some applications the restrictions will apply from 22 July 2021.

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