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## Pickering Group RoHS EU 2015/ 863 Statement

RoHS 3 (EU 2015/863) Directive was adopted by the EU legislature and came into full force on 22 of July 2019 with a special provision for medical devices until 2021.

RoHS 2011/65/EU with amendment EU 2015/863 was adopted by the EU legislature and came into full force on 22 of July 2019 with a special provision for medical devices until 2021.

Details can be found on the European Chemicals Agency website: <https://echa.europa.eu/legislation-profile/-/legislationprofile/EU-ROHS> and on the UK Government website <https://www.gov.uk/guidance/rohs-compliance-and-guidance>.

The scope of the RoHS Directive does not include all EEE; for example, but not limited to, the following:

- Any application outside of the EU when placed on the market.
- Large-scale stationary industrial tools - permanently installed industrial systems too large or complex to move as a single unit.
- Large-scale fixed installations - building & integrated systems such as HVAC, lifts, or industrial plant machinery.
- Equipment for military use or national security
- Space equipment - satellites and related systems.
- Expanding existing capacity which was in place before the relevant RoHS exemption came into force
- Service replacements / spares for capacity that was placed on the market before July 1<sup>st</sup>, 2006.
- For capacity that was placed on the market after July 2006, the service replacements / spares need to comply to the relevant restrictions / exemptions that were in force at that time.

The main aims of RoHS are to:

- Eliminate the risks posed to human health and the environment through the management of electronic and electrical waste.
- Restrict the use of certain hazardous substances in EEE that can be substituted with safer alternatives.

Pickering Group sells on the understanding that the customer will exercise appropriate due diligence to ensure its products are placed on the market within the scope of the EU RoHS Directive.

All products fall under Category 9: Monitoring and Control Equipment.

Pickering Group actively evaluates its supply chain and will update its declaration to reflect any changes required for continued compliance. Only RoHS-compliant materials are purchased from approved suppliers who take steps to ensure the supply chain is compliant.

At the point of sale, to the best of our knowledge, Pickering Group products do not contain any of the restricted substances in concentrations exceeding the maximum concentration values (MCVs) listed below.

- Cadmium (0.01%)
- Lead (0.1%)
- Mercury (0.1%)
- Hexavalent chromium (0.1%)
- Polybrominated biphenyls (0.1%)
- Polybrominated diphenyl ethers (0.1%)
- Bis(2-ethylhexyl) phthalate (0.1%)
- Benzyl butyl phthalate (0.1%)
- Dibutyl phthalate (0.1%)
- Diisobutyl phthalate (0.1%)

## POTENTIAL RoHS EXEMPTIONS

We reserve the right to use the following exemptions from Annex III.

- **#6(a)** Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight
- **#6(a)-I** Lead as an alloying element in steel for machining purposes containing up to 0.35 % lead by weight.
- **#6(b)** Lead as an alloying element in aluminium containing up to 0.4 % lead by weight.
- **#6(b)-II** Lead as an alloying element in aluminium for machining purposes with a lead content up to 0,4 % by weight.
- **#6(c)** Copper alloy containing up to 4% lead by weight.
- **#7(a)** Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead).
- **#7(a)-I** Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead). For internal interconnections for attaching die, or other components along with a die in semiconductor assembly with steady state or transient/impulse currents of 0,1 A or greater or blocking voltages beyond 10 V, or die edge sizes larger than 0,3 mm × 0,3 mm.
- **#7(c)-I** Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (piezoelectronic devices) or in a glass or ceramic matrix compound.
- **#7(c)-V** Electrical and electronic components containing lead in a glass or glass matrix compound that fulfils any of the following functions: (1) for protection and electrical insulation in glass beads of high-voltage diodes and glass layers for wafers; (2) for hermetic sealing between ceramic, metal and/or glass parts; (3) for bonding purposes in a process parameter window for < 500 °C combined with a viscosity of 1 013,3 dPas ('glass-transition temperature'); (4) for use as a resistive material such as ink, with a resistivity range from 1 ohm/square to 100 megohm/square, excluding trimmer potentiometers; (5) for use in chemically modified glass surfaces for microchannel plates (MCPs), channel electron multipliers (CEMs) and resistive glass products (RGPs).
- **#8(b)** Cadmium and its compounds in electrical contacts.
- **#34** Lead in cermet-based trimmer potentiometer elements.

**Note:** The exemptions listed herein may not apply to all products. Applicability is determined by product type, material usage, and regulatory scope. Specific exemption details are available upon request.

Pickering Group can provide a RoHS declaration upon request for specific part numbers.

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