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Document Title:	RoHS Compliance Statement		
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1.0 Scope

This document is a statement with regard to Eblana Photonics compliance to the European Parliament's Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS). This statement's scope extends to the following Eblana Photonics product types & configurations:-

Laser Diodes configured as Bare Die, Hermetic Packages & Optical Sub Assemblies

2.0 RoHS Directive

The RoHS directive comes into force on 1st July 2006 whereupon all EU member states shall be obliged to ensure that new electrical and electronic equipment put on the market does not contain the following materials:-

- Lead
- Mercury
- Cadmium
- Hexavalent chromium
- Polybrominated biphenyls (PBB)
- Polybrominated diphenyl ethers (PBDE)

For the purposes of the RoHS regulations, a maximum concentration value of up to 0.1% by weight in homogeneous materials for lead, mercury, hexavalent chromium, PBB and PBDE and of up to 0.01% by weight in homogenous materials for cadmium may be permitted [subject to ratification by the EU Environmental Council].


3.0 Exemptions

Article 4, Section 2 of the RoHS Directive exempts certain deployments of the restricted materials from the requirements of Section 4 of the Directive. Those exemptions of relevance to products manufactured by Eblana Photonics are listed as follows:-

- (i) Lead in glass of cathode ray tubes, electronic components and fluorescent tubes.
- (ii) Lead as an alloying element in steel containing up to 0.35% lead by weight, aluminium containing up to 0.4% lead by weight and as a copper alloy containing up to 4% lead by weight.
- (iii) Lead in high melting temperature type solders (i.e. tin-lead solder alloys containing more than 85% lead)
- (iv) Lead in solders for servers, storage and storage array systems (exemption granted until 2010)
- (v) Lead in solders for network infrastructure equipment for switching, signalling, transmission as well as network management for telecommunication
- (vi) lead in electronic ceramic parts (e.g. piezoelectronic devices)

4.0 Eblana Photonics Compliance

Based on current available information and with the exception of certain exempt material deployments outlined in Appendix A, senior management at Eblana Photonics can assert that its laser diode products as listed in section 1.0 of this document, do not contain any homogenous materials that exceed the allowable concentration values of those materials restricted under the European Parliament's Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

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Appendix A

Eblana Photonics products which contain exempt deployments of hazardous materials as defined under the European Parliament's Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS):-

Products

All Eblana Photonics products which incorporate hermetically sealed packages with glass windows or lenses (TO Cans, Coaxial Modules, Optical Sub Assemblies).

Material Items

Lead oxide (PbO) low temperature glass used to produce a hermetic seal between glass and metal components.

Hazardous Substances

Lead

Exemption

Under Article 4, Section 2 of the RoHS Directive, the following deployment of lead is exempt from the restrictions of the Directive:-

Lead in glass of cathode ray tubes, electronic components and fluorescent tubes