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RoHS Questionnaire Response

27th October 2015

Dear Ms Baron

Please find attached our response to you questionnaire. I hope that this will be helpful for you in preparing for the public consultation, which we look forward to contributing to very soon.

We would also like to take this opportunity to reiterate some of what we believe are the key points in this debate:

- Cadmium is RoHS restricted, cadmium-free alternative materials including Indium-based QDs are not.
- Cd-based QDs are effectively being introduced as a new technology, having failed to become established in the commercial market since Exemption 39 started in 2009. They are clearly not an essential technology for lighting or displays.
- Indium-based QDs are now well established in commercially available high colour gamut display products, with an overwhelming market share compared to Cd-based QD displays.
- Indium-based QD commercial lighting products are also increasing rapidly
- Commercially available Indium-based QD displays offer improved energy efficiency compared to available Cd-based QD displays according to suppliers' own EU energy ratings.
- Other cadmium-free alternative technologies are also available

In conclusion, we believe that there is no justification to exempt Cadmium-based QDs from RoHS restrictions for displays or lighting products under RoHS. Such an Exemption would be against the principles and purpose of ROHS, and would weaken the environmental and health protection of the European Community.

Best regards



Andrew Gooda
Supply Chain & Compliance Director