

Chemicals Management for Electronics and Electricals USA 2019

16 -17 SEPTEMBER 2019 | BOSTON, USA



Get the latest information on chemical restrictions in electronics and electricals

This two-day conference from Chemical Watch offers the latest information and advice on chemical management and restrictions in electronics and electricals.

Day one starts with updates and developments from Europe, including the REACH Candidate List database, followed by other global developments including RoHS in the Middle East and China.

Day two looks at North America, with updates on regulations and standards, including Proposition 65. Throughout the day, our expert speakers will also touch on issues such as electronics waste in the USA and Canada, supply chain issues for manufacturers of complex components and IEC TC 111. The day finishes with a special panel discussion with industry experts.

Who should attend?

- Industrial and commercial system manufacturers
- Contract manufacturers
- Start-ups and established electrical and electronic product designers
- Anyone with environmental compliance responsibility in the electronics industry and its supply chain
- Components manufacturers
- Medical device manufacturers
- Those working in consumer electronics
- Regulators (both federal and state)
- Trade associations
- NGOs

Why attend?

Expert panel – Learn from regulators, industry leaders, NGOs and other stakeholders who are also closely involved in the global Electronics and Electricals industries.

Current thinking – Gain valuable insight into the current electronics regulations and standards in North America, South America, Europe, the Middle East and Asia.

Time efficiency – Bring yourself completely up-to-date with the complex and changeable landscape of chemicals management for electronics and electricals in North America, Europe and the rest of the world by attending the two-day conference.

Focus – Meet the experts and listen to the latest thinking across a wide range of jurisdictions.

Q&A panel sessions – Have your specific questions answered by making use of the multiple Q&A sessions. Remember - you can send in any questions you might have in writing in advance of the conference.

Networking – Meet your peers, including our expert speakers, in the informal, relaxed setting of the Hyatt Regency Boston Harbor hotel.





09.00 Registration

09.30 **Keynote address: Sustainable Development Goals and the impact on the electronics industry**

Session 1: Developments from Europe

10.00 **The ECHA REACH Candidate List database: An update (video presentation)**

- Background of the database
- Information duties for suppliers
- Project status

Bo Balduyck, Project Coordinator, ECHA, Finland

10.30 **Updates to the EU Restriction of Hazardous Substances Directive (RoHS)**

- RoHS additional substances
- Implementation of RoHS 2.1: The RoHS/REACH interface
- RoHS enforcement and RoHS 3

Steven Andrews, Formerly Deputy Head of Resources & Waste, DEFRA (UK Department for the Environment, Food & Rural Affairs), UK

11.00 Q&A

11.15 Refreshments

11.30 **Enforcement actions for RoHS, REACH and POPs (Persistent Organic Pollutants) across Europe**

Aidan Turnbull, Director, BOMcheck, UK

12.00 **REACH SVHC article analysis of electronic components**

- 05A background
- Position of the ECJ and ECHA
- Determining the articles and complex objects within simple electronic components
- How data exchange standards are adapting to support this level of data communication

Randy Flinders, Senior Manager, Product Support, GreenSoft Technology, USA

12.30 **EU circular economy Initiatives and electronics**

Hans Russinger, Senior Director Global EHS, Siemens AG Healthcare, Germany

13.00 Q&A

13.15 Lunch

Session 2: Other global developments

14.15 **Regulatory updates from Japan**

14.45 **UAE RoHS, a year later**

- Key updates on challenges companies have been facing since RoHS entered into force in the UAE
- Similarities to and differences from EU RoHS
- The parties involved in RoHS implementation, the dysfunctions, industry-associations involvement and all the obstacles industries face to comply with the new requirements
- Once the new GSO Technical Regulation Project on the RoHS in electrical and electronic equipment is adopted and in force for GCC countries, the GCC regulation will trump any local regulation
- Suggestions on how to prevent being tangled in this regulatory-encumbering scheme and how to secure products in the UAE market

Sanaa Chakibi, Project Director, Specialty Technical Consultants, USA

15.15 **Updates on China RoHS**

15.45 Q&A

16.00 Refreshments

16.15 **Regulatory updates from South Korea including K-REACH, K-BPR and the special act on safety management of children's products**

- K-REACH: Product notification for products (including electronics and electricals products) containing priority substances over 0.1% & 1 ton
- Framework Act on resources circulation: RoHS and recycling
- K-BPR: Parts and components with biocidal functions, or considered to be treated products (e.g. sterilisation filters in air conditioners)
- Special act on the safety of products for children (including electronics and electricals products)

Junho Lee, Director, CIRS Group Korea Co., Ltd, South Korea

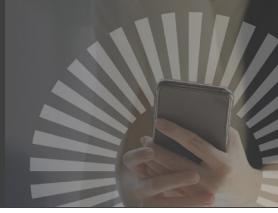
16.45 **Chemical management policies and regulations in LAR: trends and updates**

- Landscape of the region: How is it structured and organised.
- Existing regulations
- Globally Harmonised System (GHS) in the region
- Chemical control regulation schemes: What's coming

Nidia Mariana Calvo Méndez, Americas Regulatory Affairs & Compliance Program Manager TSCA Global Program Manager, HP, México

17.15 Q&A

17.30 **Close of day one / Cocktail reception**

**Session 3: Focus on North America****09.00 Keynote address: A framework for addressing chemical regulations and market-based sustainability initiatives in the high-tech manufacturing sector**

Sanjay Baliga, Founder and Senior Partner, Vichara Partners, USA

09.30 Drivers for conflict mineral and process chemical tracking

- Overview of RBA's resources and programming for supply chain chemical management
- Insight on industry drivers for conflict minerals due diligence and compliance
- Tools and platforms that help companies meet evolving expectations for responsible mineral supply chains

Dan Reid, Environmental Program Manager, Responsible Minerals Initiative, USA

10.00 Proposition 65 and electronics

- An introduction to Proposition 65
- Proposition 65's impact on B2B sales, distributors and retailers

Laura Duncan, Principal, Product Law Group, USA

10.30 e-Waste in the US and Canada

- USA e-waste regulations + state e-waste product scope overview
- Case studies of US state e-waste regulations, including New York Electronic Equipment Recycling and Reuse Act, Minnesota Electronics Recycling Act (115A.1310) and New Jersey Electronic Waste Management Act
- Canada e-waste regulations and provincial e-waste product scope overview
- Case studies of Canada provincial e-waste regulations, including Alberta, Ontario and Yukon
- Challenges for manufacturer compliance to USA and Canada e-waste regulations

Howard Stimpson, Operations Director, EC4P, UK

11.00 Q&A**11.15 Refreshments****11.30 US Consumer Product Safety Commission**

- The status of the organohalogen flame retardant ban in electronics enclosures
- The status of the National Academies determining whether they can treat OHFRs as a class and ban them all, rather than ban individual chemicals

12.00 Canada - The Prohibition of Certain Toxic Substances Regulations

Aury Hathout, Certified Environmental Auditor, Enviropass, Canada

12.30 IEC TC 111: The electronics industry standards body and the CEN/CENELEC Framework Standards

- Overview of IEC TC 111
- The CEN/CLC/JTC 10 standards: How they support the EU Ecodesign Directive-based implementation of the EU's circular economy vision and challenges faced
- The EU's circular economy vision: Working alongside international electronics standardisation bodies via ISO and IEC
- The roadmap for developing product-category-specific standards

Christophe Garnier, Global Environmental Standardization Manager, Schneider Electric, France

13.00 Q&A**13.15 Lunch****14.00 The end of plastics in electronics?**

- Certain plastic additives are being restricted or put on notice in key markets
 - Alternatives could be subject to similar restriction
 - Assessing the situation and staying ahead of business risk
- Michael Kirschner, President, Design Chain Associates, LLP, US and Lauren Heine, Senior Science Advisor, Northwest Green Chemistry, USA

14.30 European NGO perspective on the electronics industry and standardisation regarding the circular economy: a video presentation

- Feedback on EU and international processes: Ecodesign, recycling, and standardisation
 - NGO views on environmental aspects of electrical and electronic products
 - Considerations and priorities for the electronics industry
- Doreen Fedrigo, Senior Programme Manager, European Environmental Citizens' Organisation for Standardisation (ECOS)

15.00 Supply chain issues including manufacturers of complex components

TUESDAY

17

SEPTEMBER
2019

Day two

15.30 Q&A

15.45 Refreshments

16.00 **Industry panel: Supply chain management for the circular economy**

- A discussion of possible effects on supply chain, product designs and business models

Moderator: Michael Kirschner

17.00 Close of conference





Prices

Chemical Watch members – \$1535

Non-members – \$1635

Early-bird discount for non-members (valid until 15 July) – \$1435

Early-bird discount for members (valid until 15 July) – \$1335

Payment options:

- invoice payable by bank transfer, credit card or cheque made payable to Chemical Watch
- online using our secure order form
- payment must be made before the event starts



Three ways to register

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United States

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