PSCI

PHARMACEUTICAL SUPPLY CHAIN INITIATIVE

PSCI Supplier Conference, Shanghai

Your chance to hear case studies on how to improve sustainability in the pharmaceutical and healthcare supply chain

Junior Ball Room, 5F, Shanghai Marriot Hotel City Center | Shanghai, China | September 19 – 20, 2018
No. 555 Xi Zang Road (Middle), Huangpu District, Shanghai, China

Program Agenda

Our 2018 professional development conference in China will focus on best-practice sharing in the areas of Ethics, Labor, Health and Safety, Environment and Management Systems.

The two-day conference will be split into focused case study sessions given by PSCI members, suppliers and expert organizations. In these sessions we will share success stories and explore the challenges facing our industry, giving the opportunity to recognize the contributions that our partners are already making and to further develop expertise.

★ The presentation with a star sign will be delivered in Chinese.

CONFERENCE DAY 1 – **Wednesday, September 19, 2018**

Common Session – Room 1 & 2

08:30 – 09:00	Registration
09:00 – 09:05	Safety Briefing
09:05 – 09:25	PSCI Board Welcome and Opening Address **Birgit Skuballa,** PhD, Head of HSE Management Systems & Audits, Bayer; PSCI Chair
09:25 – 10:00 ★	Management Systems Introduction to good management systems that meet requirements of PSCI assessment, and the gaps we are seeing, plus actual examples of minimum, medium and best practices. **Ivy Shang**, Associate HSE Director, Eli Lily and Company
10:00 – 10:30 ★	Ethics and Integrity as a Competitive Advantage Introduction to why ethics and compliance is so important in the pharma industry in China, and how our suppliers' ethical and compliant practices are required for industry success. Takeda China
10:30 – 11:00	BREAK

Business Ethics and Labor Rights Session – Room 1

Target audience: Management ranging from top management to practitioners, legal and compliance professionals, human resources professionals

11:00 – 13:00	Compliance & Integrity Interactive Risk Workshop An interactive workshop to understand ethics/integrity basics and how to reduce risk. **Wendy De Cruz**, Director of Business Development, Red Flag Group **Beth Epstein**, General Manager, Red Flag Group **Marina Ma**, Associate, Professional Services, Red Flag Group
13:00 – 14:00	LUNCH
14:00 – 15:45 ★	Managing Forced Labor Risks in Subcontracted Workforces A workshop providing an overview of forced labor risk within subcontracted workforces and management and operational controls and systems that can be put in place to mitigate the risk. **Jack Chen**, Training Program Manager, Verite China
15:45 – 16:15	BREAK
16:15 – 17:00 ★	Managing Forced Labor Risks in Subcontracted Workforces A workshop providing an overview of forced labor risk within subcontracted workforces and management and operational controls and systems that can be put in place to mitigate the risk. **Jack Chen**, Training Program Manager, Verite China
17:00 – 17:30 ★	Internship in Pharmaceutical Industry A review of legal requirement on use of internship and what kind of penalty the factory may face in case of deviation. **Minnie Mai,** Senior Technical Manager, TUV Rheinland
17:30	End of Conference Day 1 – Room 1

PiE/AMR, Environment and Safety Session – Room 2

Target audience: Health, Safety & Environment Professionals, managers, plant engineers

11:00 – 12:00 ★	Manufacturing effluent PiE/AMR environmental risk assessment (ERA): A Review and Refinement options A review of ERA basics followed by a description of refinement steps to be taken when the initial assessment indicates a potential risk. In addition, the latest intelligence on regulatory approaches will be discussed. **Wenjun Wang,** Senior Manager, Environmental Engineering, Global EHS, Pfizer **Neil Parke**, Sr HS&E Consultant – Environmental Affairs; Eli Lilly and Company
12:00 – 12:30 ★	Controlling pharmaceuticals discharge through industrial effluent Developing a PiE/AMR risk control strategy by controlling pharmaceuticals discharge through industrial effluent. **Wenjia Xu**, Manager EHS&S for External Supply ASPAC, Johnson & Johnson
12:30 – 13:30	LUNCH
13:30 – 14:00	Setting Site Limits for API discharges to meet PNECs - Implementation at Bulk and Finishing Manufacture Participants will be shown how to meet PNEC values using case specific manufacturing site studies and see how to document that adequate controls are in place. **Neil Parke**, Sr HS&E Consultant – Environmental Affairs; Eli Lilly and Company
14:00 – 14:45 ★	GSK AMR Technical Update An introduction to GSK internal treatment technologies examples for inactivation of antibiotic residues, strategy for addressing AMR in the Supply Chain and technological progress within and outside of GSK. **Jason Jiang**, Lead Auditor - Asia Pacific, GSK
14:45 - 15:15 ★	Evolution of a holistic review process for supplier environmental performance Introduction to a fresh approach to environmental site review and examples of previously unidentified findings. **Wenjun Wang,** Senior Manager, Environmental Engineering, Global EHS, Pfizer
15:15 - 15:45 ★	Green Supply Chain Management in the Pharmaceutical Industry An introduction to how a supply chain management system built on IPE's consolidation of environmental data resources can help companies solve the capacity and resources bottleneck hampering environmental management. **Xin Xu**, Green Choice Outreach Officer, The Institute of Public and Environmental Affairs
15:45 - 16:15	BREAK
16:15 - 16:45 ★	Practice of process waste Gas treatment in Pharmaceutical Industry A review of practices of classification and collection of process waste gas, pretreatment process and RTO. **Changjie Chen**, EHS Deputy General Manager, Zhejiang Hisoar Chuannan Pharma Co., Ltd.
16:45 - 17:30 ★	Presentation on high risk safety topics A presentation on topics including confined spaces, hot work, lockout/tagout, working at heights etc. **Weiwei Ying**, Senior HSE Manager, Eli Lily and Company Suzhou site
17:30	End of Conference Day 1 – Room 2

CONFERENCE DAY 2 – **Thursday, September 20, 2018**

08:30 – 09:00	Registration

Process Safety Management Session

Target audience: Managers and site leaders responsible for these subject areas

09:00 – 09:30	Fire Protection Review of the passive fire protection (fire walls, fire doors), fire detection (available systems and what to look for), automatic extinguishing systems (traps, key issues) and the water supply (minimum requirements). **Daniel Rehm**, HSE Consultant EEM-EMEA&API; Elanco Animal Health Inc
09:30 – 10:00 ★	Chemical Process Safety: Which parameters are important to perform a chemical reaction in a safe way Identification of chemical hazardous reactions; information used to evaluate the risks of the reactions and mitigation of these risks during operation. **Li Liu**, ISEE, Boehringer Ingelheim China **Dr. Stefan Gries**, Corp. EHS&S, Boehringer Ingelheim Corporate Center, Germany
10:00 - 10:30 ★	Our need for knowledge: Safety Lab Why PSI data is essential in fire and explosion prevention and how it's handled at our plant - a practical example. **Cathy Wang**, QEHS Director, Ninhua Group
10:30 - 11:00	BREAK
11:00 - 11:30 ★	Determination of process safety critical equipment to include in a Mechanical Integrity program A description of a recommended process to identify process critical equipment to be included in a Mechanical Integrity program. **Jiang Lu**, Manager EHS&S for External Supply ASPAC, Johnson & Johnson **Albert Ekin**, CSP Sr. Principal Process Safety Management, Johnson & Johnson
11:30 - 12:00 ★	The utility of dry vacuum pump in solvent recovery Presentation on how by using the working characteristics of dry vacuum pumps, the solvent recovery rate is increased, the exposure of solvents to the environment is reduced, energy consumption is reduced, and wastewater discharge is eliminated. **Hongxin Liu**, Deputy General Manager, Shenyang Dongrui Fine Chemical Co., Ltd.
12:00 - 12:30 ★	Explosion risk assessment: ATEX Directives What is the purpose of an ATEX zoning. Definition of hazardous zones. How ventilation and inertion modify the zoning. Compliance of electrical equipment. **Mark Wei**, HSE manager, Sanofi
12:30 - 13:30	LUNCH
13:30 - 14:15 ★	Inerting - Key Considerations in Design and Validation A description of the critical elements for an effective inerting system; proper design, testing, and ongoing verification. **Zhang Yi**, Manager EHS&S for External Supply ASPAC, Johnson & Johnson **Albert Ekin**, Sr. Principal Process Safety Management, Johnson & Johnson

Industrial Hygiene Session

Target audience: Managers and site leaders responsible for these subject areas

14:15 - 14:45	Potent Compound Program Management - Common Challenges and Containment Examples An introduction to elements of a Potent Compound Management Program and examples of ineffective controls for select unit operations, plus options for improvement(s) and identify example controls for select unit operations, and improvements that can be realized. **Angelo Chinni**, Managing Industrial Hygiene Consultant, SafeBridge, a subsidiary of Trinity Consultants **Chao Wang**, Trinity Consultants
14:45 - 15:15 ★	Containment Level of Typical Industrial Hygiene Engineering Controls An introduction to Containment level of typical engineering controls (rigid/flexible containment profile) based on validation data and corresponding assessment flow and best practice of engineering control. **Junbo Zhao**, EHS director, Porton Pharma Solutions Ltd.
15:15 - 15:45 ★	IH Risk Assessment in Pharmaceutical Industry An introduction to IH qualitative and quantitative risk assessment approaches and best practice sharing in pharmaceutical industry. **Dan Wang**, EHS Senior Manager, Syntheall Pharmaceutical, Wuxi Apptec
15:45 - 16:15	BREAK
16:15 - 16:45 ★	IH Case study - Reactor Charging & API Kilo Pilot Plant An introduction to solving reactor charging challenges, solving containment in kilo pilot plants, and how to get IH monitoring for APIs. **William Zhu**, Senior IH Consultant, IH/OH Services Manager; Golder Associates Consulting Limited
16:45 - 17:15 ★	Respiratory Protection Selection and Cartridge Service Life Case Studies An introduction to respiratory protection options and selection, cartridge selection and service life calculation by working through case studies. **Kelvin Jiang**, Sr Product Engineer - Technical Services, 3M China
17:15 - 17:30	Closing Comments **Ingrid Vande Velde,** Sr. Manager EHS&S for External Supply EMEA - ASPAC, Johnson & Johnson; PSCI Capability Committee Co-Chair
17:30	Conference adjourns