

International Conference on Lead & Lead Batteries –Road Map for India

22 & 23 Oct 2018, New Delhi

Venue: India International Centre, (Gate No.1), Multipurpose Hall
Max Mueller Marg, New Delhi (Ph: 011-2461 9431)

Programme

Monday, 22 Oct 2018

08.30 – Registration / Kit Collection (*Kit Sponsor: Nile Ltd*)

Inaugural Session

10.00 Welcome: Mr.L.Pugazhenty
Exec. Director, ILZDA

10.10 Felicitations: 1) Mr.Brian Wilson
Consultant, Intl. Lead Assn

10.20 2) Engr Salam Al Sharif
Chairman, Sharif Metals Group
Chairman, BIR Ambassadors Committee &
Hony. Chairman,
Bureau of Middle East Recycling

10.30 Special Remarks: 1) Mr.Vipul Sabharwal
Mg. Director, Luminous Power Technologies

10.45 2) Mr.Arun Mittal
Director, Exide Industries Ltd

11.00 Inaugural Address: Mr.Paul White
Secretary General
International Lead Zinc Study Group, Lisbon

11.15 Vote of Thanks: Mr.G.Chandrashekar
The Hindu Business Line

National Anthem

11.25

Coffee / Tea

11.45 – **Key Note Session (Sponsor: M/s Waldies Compound Ltd)**
(Chairman: L.Pugazhenthay)

- **Transformative Innovations Drive Growth**
by Vipul Sabharwal, Mg. Director, Luminous Power Technologies
- **Lead-Facts & Forecasts 2019**
by Paul White, Secy Genl, ILZSG
- **Global Lead Market Outlook Amid Uncertain Conditions**
by G.Chandrasekhar, The Hindu Business Line
- **“BMR & Recycling of Used Lead Batteries in Middle East-An Update** by Engr Salam Al Sharif, Chairman,
Sharif Metals Group
- **Responsible Recycling of Used Lead Acid Batteries in India-Today & Tomorrow** by Brian Wilson, Consultant, ILA
- **Ensuring the Long Term Sustainability of LAB Manufacturing in India-The Technological Road Map**
by Doug Lambert, Wirtz, USA
Questions & Answers

13.30 – Lunch (Host: M/s Hindustan Zinc Ltd)

14.30 – **Technical Session-1 Recycling (Sponsors: M/s Gravita, Nile Ltd & Hunan CHMM Metallurgy Engineering Co., Ltd)**
(Chairman: R.K Garg)

- **Price Risk Management in Lead Using MCX Futures Contracts** by Rashmi Nihalani, MCX Commodities
- **Lead Toxicity & Climate Change**
by Dr.T.Venkatesh, NRCLPI
- **A System Solution for Used Lead Battery Recycling**
by Vincent Guo, CHMM, China
- **Challenges Facing Lead Acid Batteries**
by Dr.Yamini Gupt, University of Delhi
- **A New Method of Recovering Lead as Lead Oxide From Paste of Scrap Batteries Through Lead Citrate Route** by C.S.Ramanathan, Consultant

15.45
16.00

Coffee / Tea

- **Indian Secondary Lead Sector**
by Vijay Pareekh, Gravita India Ltd
- **Lead Acid Battery Recycling–Present Status & Precise Approach to Develop Eco–friendly Process**

- by Dr.Amol Naik, Verdeen Chemicals
- **Advanced Refractory Solution for Operational Excellence and Cost Optimization**
by Bhagirathi Singh, Calderys India Refractories Limited
Questions & Answers
- 17.30 – Day-1 Concludes
- 18.00 – One Man Orchestra: Issac Newton (Host: MCX)
- 20.00 – Dinner (*Host: M/s Exide Industries Ltd & Amara Raja Batteries Ltd*)

Tuesday, 23 Oct 2018

- 10.00 **Technical Session 2-Lead Batteries**
(Sponsor: Exide Industries Ltd & Amara Raja Batteries Ltd)
(Chairman: Dr.V.K Aggarwal)
- **Advanced Manufacturing Methods and Equipment**
by John Wirtz, Wirtz, USA
 - **Tubular Plate Manufacture-Increasing Electrical Performance and Life** by C.S Ramanathan
 - **Advanced Battery Technologies Manufacturing Opportunities in India**, Debi Prasad Dash, IESA
 - **High Energy Density Power Back-up Solutions for Home Inverter Application**
by Amlan Das, Luminous Power Technologies
- 11.20

Coffee / Tea

- 11.40 **Technical Session 3-Lead Batteries (Sponsor: Luminous)**
(Chairman: Amlan Das)
- **Making Solar Energy Convenient for Homes**
by Sachin Bhalla, Luminous Power Technologies
 - **Battery State of Health (SOH) Monitoring Using Fundamental Electrochemical Models**
by Naveen Kumar, Exide R&D
 - **Influence of Graphene Oxide as Conductive Network in NAM for Lead Acid Battery**
by Kosaraju Sreenivas, Amara Raja Batteries Ltd
 - **Next Generation Lead Acid Technology: An Indian Perspective**
by Dr.Sundar Mayavan, CECRI

	<ul style="list-style-type: none"> ➤ Emergence of Bipolar Lead Acid Battery by Dr.N.Sugumaran, Consultant
13.15	Lunch (Host: <i>M/s Luminous Power Technologies P.Ltd</i> <i>/Gravita India Ltd</i>)
14.00	<u>Technical Session 4-Lead Batteries (Sponsor: Hindustan Zinc Ltd)</u> (Chairman: <i>Dr.N.Sugumaran</i>)
	<ul style="list-style-type: none"> ➤ New Gas Recombination Vent Plug for Variety of Lead Acid Batteries by Dr.S.N Joshi, Consultant ➤ EV Policy & Growth of EVs in India-Hype or Myth? by Dr.V.K Agarwal, Supreme Batteries ➤ Batteries for Electric Vehicles - An Overview by P.K Sood, Regnant Energy Solutions ➤ Lead Industry, Specialty Chemicals of Lead by Waldies Compound Ltd ➤ Green Lead Recycling in India– Effective Steps & Measures by L.Pugazhenthly, ILZDA
15.45	Panel Discussion Session
16.45	Concluding Session / Wrap Up
17.00	Conference Concludes / High Tea
