

**Seminar: "Future Of Emission Regulations "**  
**Venue: Japanese Hostel, Gurgaon**  
**Monday, 23rd Feb'15**  
**14:30 hrs to 19:00hrs**

**KEYNOTE SPEAKERS**



**Mr. Les Hill**  
Global Product Planning  
Horiba, Ltd

Les Hill has worked in automotive emissions measurement for more than thirty eight years. Originally trained as an analytical chemist, his introduction to exhaust emissions measurement was at Triumph Cars in Coventry, U.K. In 1982 he joined HORIBA Instruments Limited and was fortunate to work in many emissions testing facilities on a wide variety of projects that allowed him to increase his knowledge and experience in all aspects of exhaust emission measurement. In recent years, he has been responsible for product planning activities within HORIBA.



**Mr Arun Aatkari**  
Sr. Manager, Horiba India

**INVITATION**

SAE India (Northern section) & Horiba are pleased to invite you to participate in the Seminar on **"Future Of Emission Regulations"** to be held on 23rd Feb, 2015, at Japanese Hostel, Gurgaon. The seminar is targeted towards Emission and Future Regulations along with related solutions from Horiba. The seminar targets the R&D persons, Engineers, students and faculty interested in emission measurement and testing, fuel economy improvement and related areas.

**Free Registration !!**  
**Limited Seats**  
**(On First Come First Serve Basis)**

Last Date for registration: 19th-Feb-2015  
\*For SAE membership and registration  
Please contact: Mr. Anup Kacker: Executive Director SAENIS  
Email: sae.nis@gmail.com  
Ph. No: +91 (124) 4370163, +91 98731 88382

**AGENDA**

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|--------------|--|
| 02:30 - 2:45 | Registration   |
| 2:45 - 3:00  | Welcome Note   SAE-NIS<br><i>By: P Panda, VP Powertrain Development, Maruti Suzuki India</i>                                       |
| 3:00 - 3:15  | Welcome Address   Introduction<br><i>By: Mr Prakash Abhyankar</i>  |
| 3:15- 4:30   | Focus on the Latest Trends in Emission Measurement for LDV Vehicles<br><i>By: Mr. Les Hill, Global Product Manager, Horiba Ltd</i> |
| 4:30 - 4:45  | Tea Break  |
| 4:45 - 5:15  | Horiba Product - Solution<br><i>By: Mr Arun Aatkari, Senior Manager, Horiba India</i>  |
| 5:15 - 6:30  | A Talk on WLTP and RDE - New Emission Trends in European Nations<br><i>By: Mr. Les Hill, Global Product Manager, Horiba Ltd</i>    |
| 7:00: 7:10   | Vote of Thanks   |
| 7:15 Onwards | Cocktail Party followed by Networking Dinner   |

**Venue Details:**  
**Japanese Hostel**  
**Japanese Hostel Road, Industrial Development Area,**  
**Sector 16 Gurgaon, Haryana 122007**



## About Horiba

Horiba is the market leader in making of analyzers and measuring instruments. Since its inception in Japan in 1953 the HORIBA Group of worldwide companies has been providing an extensive array of instruments and systems for applications ranging from automotive R&D, process and environmental monitoring, in-vitro medical diagnostics, semiconductor manufacturing and metrology, to a broad range of scientific R&D and QC measurements.

HORIBA develops and manufactures products and systems for testing of all types of engines: heavy-duty to small utility, on road systems to non-road, marine to locomotive, automotive to aeronautic. Horiba's extensive product line includes analyzers, analytical systems, dilution/ sampling systems, dynamometers and automation systems to assist engineers to evaluate exhaust gas and particulate emissions, engine performance, fuel economy, fuel cell reformer efficiency and other parameters of engine and vehicle.

Horiba's customers are in the fields of Regulatory Certification Agencies, Research Laboratories, Vehicle Manufacturers, Engine Manufacturers, Petro-chemical Industry, After-treatment Manufacturers and Tier 1 & 2 Component Manufacturers

Horiba's major customers are Maruti Suzuki Ltd, Hero Honda, TVS Motors, Nissan Renault, IOCL R&D, Honda Motorcycles and Scooter, India Yamaha, ICAT, Tata Motors, Bosch, Delphi, Eicher etc. Horiba also has full-fledged service departments ready to provide maintenance, training and product support advice, therefore enabling it to guarantee that its customers are fully supported and achieving maximum operational usage. Horiba now has full-fledged workshop in Pune for local production catering to the Mechatronics product line.

With the oath of providing world class test lab facility Horiba is continuously striving towards excellence.

## ABOUT SAE INDIA

SAEINDIA, a non-profit body has been in the forefront to identify and transmit relevant technologies to the society in general, and stakeholders, in particular. It is affiliated to the parent body SAE International which is head quartered in USA with a glorious record of more than 100 years of service to the mobility community.

SAE International has more than 121,000 members – engineers, business executives, educators & students from more than 97 countries – who share information & exchange ideas for advancing the engineering of mobility systems. SAE is a premier resource for standards development, events, technical information & expertise useful in designing building, maintaining & operating self-propelled vehicles for use in land, sea or air.

## ABOUT SAEINDIA NORTHERN SECTION

SAEINDIA Northern Section, a section of SAEINDIA, is a premier society that serves the Mobility Engineering fraternity towards the design, manufacture and service of self propelled vehicles & systems that move in air, space and on land. The society has more than 7200 members comprising of stalwarts of the industry and affiliates from the student community. SAEINDIA Northern Section covers Rajasthan, UP, Uttaranchal, Uttarakhand, Delhi-NCR, Haryana, Punjab, HP, J&K. The body has been involved in conducting seminars, workshops, conferences, student & professional events for its members.