

Ultraseal presents at "Casting a Greener Future" conference

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Ann Arbor, MI ([rushPRnews](#))

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International, the global leader in vacuum impregnation, will explain how the process enhances the quality of cast metal parts at the "Casting a Greener Future" conference in Pune, India, on August 30th.

Vacuum impregnation with porosity sealants is a reliable and permanent solution to an eternal problem faced by diecasters the world over - porosity in cast metal parts which occurs as a natural phenomenon in the casting process.

Porosity - microscopic holes in a casting - can lead to a host of problems ranging from a poor surface finish to the complete failure of a part. Porosity is especially damaging if it leads to the creation of leak paths for components that are subject to pressure.

With parts that have to remain pressure-tight, such as automotive compressors, engine blocks, cylinder heads and transmission cases, vacuum impregnation is often carried out as a routine quality enhancement to avoid this problem.

One of the most influential figures in diecasting in India will present Ultraseal's paper entitled: "Impregnation - A Cost Effective and Greener Production Solution to the Problem of Porosity in Cast Components."

Mr N. Ganesan is a Director of Ultraseal's well-established joint venture in the country, Ultraseal India Pvt., as well as being a trustee of the Aluminium Casters' Association of India and since 2004, Editor of the association's journal, ALUCAST.

Around 120 delegates from casting manufacturers, raw material suppliers, equipment firms, chemicals suppliers, engineers, consultants and foundry chapters are expected at the event at the Hotel Sun-n-Sand in Pune, Maharashtra, India.



Component with Porosity

Stephen Hynes, Marketing Director of Ultraseal International, said: "We are delighted to be attending the 9th annual seminar "Casting a Greener Future 2013" to explain the benefits of the vacuum impregnation process for casting porosity.

"Diecasters can achieve a greener footprint and enhance the quality of their castings by using vacuum impregnation: far fewer parts will end up being rejected or scrapped, leading to less waste and increased competitiveness.

"Applying impregnation sealants will also improve the operational life of the components they produce, and drastically reduce service failures, thus enhancing their reputations with their customers as well."

Ultraseal International is the global leader in the design and manufacture of impregnation equipment and impregnation sealants. Headquartered in Coventry, UK, it has operations in India, China, the United States and Japan, as well as a worldwide network of 22 agents/distributors.

Ultraseal India Pvt. was established in 1986 by Devindra Nath, one of the pioneers of low pressure die casting in India, who had the foresight to see the advantages which vacuum impregnation offered to diecasters.

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