

PRESS RELEASE:

June 10, 2005...Metals India, a commercial heat treatment company in Haryana, India, awarded Ipsen International USA with an order to manufacture an Abar-Ipsen® H3636® horizontal vacuum furnace with the latest Ipsen patented technologies AvaC™ (acetylene vacuum carburizing) and AvaC-N™ (vacuum carbonitriding) capabilities.

Metals India is one of the largest fully equipped heat treatment plants in India processing approximately 800 tons of materials a month. Proven commitments to innovation and continuous upgrading of heat treatment technologies have earned them certification as an ISO 9001:2000 Quality Supplier. Their two facilities are equipped with state-of-the-art testing equipment and technical staff to provide customers with a broad range of experience in process development for numerous materials and parts.

AvaC technology produces, at the part surface, twice the carbon availability as compared to traditional carburizing agents, resulting in excellent carbon transfer into the part. Its advanced convection assisted heating design with patented Ipsen® flapper nozzles provide excellent temperature uniformity, while its HPGQ (high pressure gas quench) system achieves optimal cooling performance levels that improve hardening qualities and reduce cycle time. As a superior furnace design with proven performance and reliable results, the TurboTreater is great addition to Metal India's capabilities.

Current expertise offered by Metals India include Gas Nitriding, Nitrocarburizing, Annealing, Normalizing, Isothermal Annealing, Stress Relieving, Nitriding, Carburizing, Carbonitriding, Nitrocarburizing, Neutral Hardening, Solution Annealing, Hardening & Tempering, Aluminium Ageing, Heat treatment of Die & Hot Die steel and Heat treatment in INERT Atmosphere.

Metals India has grown in strength and brand for twenty-six years as a commercial heat treatment company throughout India supporting Automotive, Off-Road, Tool & Die, Gears, Industrial, and many others.



Abar-Ipsen®
TurboTreater
horizontal vacuum
furnace (above)

Abar-Ipsen®
patented Flapper
nozzles (left)

Ipsen International, Inc. is the largest global manufacturer of thermal processing technologies with manufacturing facilities in United States, Germany, India and China. Product offerings include atmosphere batch equipment and systems, vacuum batch equipment and systems, automation, controls and sensors, and aftermarket support services.

For further information, the news media or customers should contact:

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