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FOR IMMEDIATE RELEASE

NanoSteel to Present Two Technical Papers at 2007 International Thermal Spray Conference and Exposition

PROVIDENCE, R.I. (Tuesday, November 21, 2006) – The NanoSteel Company, a leading producer of nano-structured steel alloy materials for industrial applications, announces the acceptance of two technical papers for presentation at the 2007 International Thermal Spray Conference and Exposition (ITSC) at the Beijing International Convention Center in Beijing, China, May 14-16. Both papers will be presented by Daniel J. Branagan Ph.D., NanoSteel's chief technical officer.

"The Development of Next Generation High Performance NanoScale Arc-Spray Coatings" was co-authored by Daniel J. Branagan Ph.D., Michael Breitsameter and Brian E. Meacham Ph.D. of The NanoSteel Company; Stephen A. Hackney Ph.D. of the Michigan Technological University and Richard Thorpe, Alan Yanski and Elaine Motyka of Praxair TAFE. This paper explores recent enhancements in arc spray coating technology using an advanced spray system with glass-forming wires, NanoSteel's SHS 9172 and SHS 9570 which are distributed exclusively by Praxair TAFE as 140MXC™ and 110MXC-V2.

"Breaking the Rc70 Barrier in PTA Hardfacing" was co-authored by Daniel J. Branagan Ph.D., William D. Kiilunen, M. Craig Marshall and Brian E. Meacham Ph.D. of The NanoSteel Company. This paper examines wear protection in PTA hardfacing and the utilization of a glass-forming, iron-based alloy with uniform < 73 Rockwell C macrohardness, NanoSteel's SHS 9290 PTA powder, as an alternative to alloys with high concentrations of tungsten-carbides (WC) particulates.

Abstracts for these two papers are available upon request from NanoSteel. The ITSC Technical Program schedule, including dates and times for paper presentations, will be released in early 2007.

The NanoSteel Company will also participate as an exhibitor at ITSC in booth three.

ITSC is an annual conference and exposition for thermal spray technologists, researchers, manufacturers and suppliers. For more information, visit www.asminternational.org/itsc07/index.htm.

The NanoSteel Company, Inc., headquartered in Providence, R.I., develops and markets a range of patented Super Hard Steel™ (SHS) nano-structured materials that can be applied with a variety of widely-available industrial processes, including thermal spraying, welding and laser cladding. NanoSteel's proprietary alloys cost-effectively solve or alleviate many of the problems that have a destructive or costly impact on industry today, including wear, erosion, high temperature oxidation and corrosion. For additional information about The NanoSteel Company and its SHS products and applications, visit NanoSteel's Web site at www.nanosteelco.com.

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