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**FOR IMMEDIATE RELEASE**

## **NanoSteel® Wins Fourth R&D 100 Award for**

### **Hardmetal Alternative Wear Plate Technology: Super Hard Steel® Wear Plate**

PROVIDENCE, R.I. (Tuesday, August 18, 2009) – The NanoSteel® Company, a leader in nanostructured steel alloy surface technology solutions, announces that it has been awarded its fourth R&D 100 Award for the development of “Hardmetal Alternative Wear Plate Technology: NanoSteel Super Hard Steel® Wear Plate.”

NanoSteel wear plate is an iron-based steel overlay solution for use in extreme high-wear industrial service environments as an alternative to composite carbide overlay and monolithic quench and temper (Q&T) wear plate. NanoSteel wear plate features a unique ultra-fine, sub-micron microstructure that is up to a thousand times smaller than competing overlay and Q&T plate products. This microstructure provides exceptional resistance to abrasive wear, fine particle erosion and impact, and can extend component service life by up to 3x longer than competing products.

“It’s truly an honor for NanoSteel to have been selected as a 2009 award recipient by R&D magazine,” says Dave Paratore, president and CEO. “NanoSteel continues to experience notable success in obtaining wear resistance performance not thought to be achievable with iron-based steel alloy solutions. We believe we’ve achieved a new level of performance in material solutions that offer exceptional wear and impact resistance. These solutions have been shown to cost effectively extend service life for industries such as coal-fired power generation, mining, and oil & gas.”

NanoSteel wear plate was developed using the company’s platform technology in iron-based nanomaterials. It is an extension of NanoSteel’s thermal spray and weld overlay alloy solutions which have been recognized by three previous R&D 100 awards.

R&D 100 Awards are presented by *R&D Magazine* to industry, government and academia for recognizing the most innovative new products of the year. For more information, visit <http://www.rdmag.com/Awards/RD-100-Awards/R-D-100-Awards>.

The NanoSteel Company, Inc., headquartered in Providence, R.I., develops and markets a patented portfolio of Super Hard Steel iron-based nanostructured alloy solutions applied as thermal spray coatings and weld overlay for hardfacing and wear plate. NanoSteel solutions effectively solve or alleviate many operational challenges faced in critical industries today, including corrosion, erosion and wear in a wide range of complex service environments. For additional information, call toll free 1-877-293-NANO or visit [www.nanosteelco.com](http://www.nanosteelco.com).

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