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**ROFIN-SINAR AGREES TO ACQUIRE NUFERN, A LEADING
SUPPLIER IN FIBERS AND FIBER LASER TECHNOLOGY**

Plymouth, MI / Hamburg, Germany – December 20, 2007 – ROFIN-SINAR Technologies Inc. (NASDAQ: RSTI), one of the world's leading developers and manufacturers of high-performance laser beam sources and laser-based solutions, today announced that it had signed a definitive agreement for the acquisition of Nufern as a wholly-owned subsidiary of RSTI, in a cash transaction. The transaction is expected to be closed in the first quarter of 2008. Further terms of the acquisition have not been disclosed.

Founded in 2000, Nufern (www.nufern.com) is the world's largest independent manufacturer of specialty fibers and fiber laser modules serving a wide range of industries. The company's product lines comprise standard fibers and custom fiber solutions, including amplifiers, fiber laser modules for use in material processing and in the telecommunications, military and defense industries. In June 2007, Nufern launched its first industrial CW fiber laser with an output power of 200 Watts. Based in East Granby, Connecticut, Nufern has approximately 70 employees and markets its products globally to a large OEM-customer base through its own sales network, distributors and the internet.

Nufern will continue to operate as a stand-alone company and will provide its products to its existing customers including other laser manufacturers.

"This is a very important acquisition for Rofin-Sinar, not only because we are adding new products to our portfolio but also because we are further strengthening our technology base and enhancing the vertical integration needed to economically manufacture fiber lasers," said Günther Braun, CEO and President of RSTI. "We are confident that the talents and skills of Nufern will contribute to the future success of our Group."

"The entire Nufern team approaches this milestone transaction with excitement and energy. Nufern is proud to team with Rofin, a market leading industrial laser manufacturer, with a strong worldwide presence. This transaction facilitates the maturing of our technologies and will propel and support Nufern in becoming a significant leader in the global fiber laser market," commented Martin Seifert, President of Nufern.

With operational headquarters in Plymouth, Michigan, and Hamburg, Germany, ROFIN-SINAR Technologies Inc. designs, develops, engineers and manufactures laser sources and laser-based system solutions for a wide range of applications. With production facilities in the US, Germany, UK, Sweden, Finland, Singapore and Japan, ROFIN-SINAR is one of the world's leading designers and manufacturers of industrial lasers and currently has more than 28,000 laser units installed worldwide and serves more than 3,000 customers. ROFIN-SINAR's shares trade on the NASDAQ Global Select Market under the symbol RSTI and are listed in Germany in the "Prime Standard Segment" of the Frankfurt Stock Exchange under ISIN US7750431022. Additional information is available on ROFIN-SINAR's home page: <http://www.rofin.com>.