

Ad Hoc Announcement

RSTI: SALES AND ORDER BACKLOG AT RECORD NEW LEVELS

Plymouth, MI / Hamburg, Germany, August 6, 2008 – 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 results for its third fiscal quarter and nine months ended June 30, 2008.

Net sales totaled \$149.7 million for the third quarter ended June 30, 2008, a 23%, or \$28.3 million, increase over the comparable quarter of fiscal year 2007. The weakening of the US Dollar, particularly against the Euro, resulted in a net sales increase of \$10.9 million in the third quarter. Gross profit totaled \$62.9 million, compared to \$51.7 million in the same period of fiscal year 2007, and decreased from 43% to 42% of net sales. Net income amounted to \$16.1 million, or 11% of net sales, compared to \$14.3 million, or 12% of net sales, in the same period last year. Diluted earnings per share equaled \$0.54 for the quarter, based upon 29.9 million weighted-average common shares outstanding, compared to diluted earnings per share of \$0.45, based upon 31.9 million weighted-average common shares outstanding, for the same period last fiscal year.

SG&A expenses increased by \$5.2 million to \$27.3 million, representing 18% of net sales. In addition, the amortization expense in the third quarter of fiscal year 2008 increased by \$0.1 million over the comparable period last year to \$1.2 million (1% of net sales), as a result of the recent acquisition. Net R&D expenses increased by \$3.6 million to \$10.9 million, representing 7% of net sales.

Compared to the third quarter ended June 30, 2007, net sales of laser products used for macro applications increased by 15% to \$60.3 million, accounting for 40% of total sales. Net sales of lasers for marking and micro applications increased by 24% to \$71.3 million and represented 48% of total revenues. Sales of components increased by 56% to \$18.1 million and represented 12% of total revenues.

On a geographical basis, for the nine months ended June 30, 2008, net sales in North America increased by 23% over the comparable period last fiscal year and totaled \$100.5 million (2007: \$82.0 million). In Europe, net sales increased by 11% to \$220.2 million (2007: \$198.5 million) and in Asia, net sales increased by 46% to \$100.2 million (2007: \$68.6 million).

Order entry for the third quarter was \$151.8 million, which resulted in a record order backlog on June 30, 2008 of \$149.3 million, mainly for laser products.

As of June 30, 2008, the Company's share buyback program was complete and 2.8 million shares of common stock were repurchased for a total amount of approximately \$120.0 million.

The full text press release and further information including comprehensive financial data is available online at www.rofin.com – Investor Relations – Press Releases.