

Ad Hoc Announcement

ROFIN-SINAR REPORTS RESULTS FOR SECOND QUARTER FISCAL YEAR 2008

Plymouth, MI / Hamburg, Germany, April 30, 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 second fiscal quarter and six months ended March 31, 2008.

The Company reported solid second quarter results in terms of sales and order entry as well as gross profit. Net income was impacted by the first time consolidation of the Company's recent acquisition, which was closed at the end of January, and by the greater than anticipated weakening of the US-Dollar mainly against the Euro.

Net sales totaled \$136.6 million for the second quarter ended March 31, 2008, a 18%, or \$20.5 million increase over the comparable quarter of fiscal 2007. The impact of the weakening US-dollar, mainly against the Euro, resulted in an increase in net sales of \$15.5 million in the second quarter. Gross profit totaled \$60.7 million, or 44% of net sales, compared to \$49.2 million, or 42% of net sales, in the same period of fiscal year 2007. Net income amounted to \$10.8 million, or 8% of net sales, compared to \$13.1 million, or 11% of net sales, in the same period last year. Diluted earnings per share equaled \$0.35 for the quarter based upon 30.5 million weighted-average common shares outstanding, compared to diluted earnings per share of \$0.41 based upon 31.7 million weighted-average common shares outstanding for the same period last fiscal year. The second quarter net income was negatively impacted by \$0.6 million net loss contribution and \$2.7 million intangibles amortization from the recent acquisition. In addition, the revaluation of certain foreign currency balance sheet items at March 31, 2008, resulted in unrealized exchange losses of \$3.7 million.

SG&A increased by \$6.0 million to \$27.6 million, representing 20% of net sales. In addition, the amortization expense in the second quarter of fiscal year 2008 increased by \$2.7 million over the comparable period last year to \$3.7 million (3% of net sales) because of the recent acquisition. Also, net R&D expenses increased by \$3.1 million to \$10.2 million, representing 7% of net sales.

Compared to the second quarter in 2007, sales of laser products used for macro applications increased by 19% to \$59.6 million, accounting for 43% of total sales. Sales of lasers for marking and micro applications increased by 12% to \$62.4 million and represented 46% of total revenues. Sales for components increased 46% to \$14.6 million and represented 11% of total revenues.

For the six months ended March 31, 2008, net sales totaled \$271.3 million, an increase of \$43.5 million or 19% over the comparable period in 2007. Net income for the six month period ended March 31, 2008, totaled \$27.7 million, with diluted earnings per share of \$0.90 based upon the weighted average of 30.9 million common shares outstanding.

On a geographical basis, net sales in North America in the first six months showed an increase of 6% and totaled \$60.7 million (2007: \$57.1 million). In Europe, net sales increased by 17% to \$149.3 million (2007: \$127.2 million) and in Asia net sales increased by 41% to \$61.3 million (2007: \$43.6 million).

Order entry for the second quarter was \$143.9 million, this resulted in a record order backlog on March 31, 2008, of \$147.2 million mainly for laser products.

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