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## **PRESS RELEASE FOR IMMEDIATE PUBLICATION**

### **AVTRON ETHERNET UPGRADE COMMISSIONED ON TATA TINPLATE TANDEM COLD MILL**

**Independence, OH – December 13, 2005** – Avtron's Industrial Automation Division and its Indian System Integration Partner, National Radio and Electronics Company (NELCO), have recently commissioned an Ethernet Control Network at Tata Tinsplate (T.C.I.L.) Company in Jamshedpur, India. The upgrade to the drive and automation communications system on the 5-stand, 4-high Tandem Cold Mill was completed during a two-day shutdown in November 2005. The Ethernet Communications at T.C.I.L. provided accelerated data transfer rates with the Level 1 Automation System. This resulted in more precise Automatic Gauge Control (AGC) for the mill due to faster control loop update times and higher gains in the AGC Regulator.

Avtron and NELCO upgraded the mill's original General Electric drive and automation system in the mid-1990s. This upgrade included 14 Avtron ADDvantage-32™ Digital Drives for the Payoff Reel, Mill Stands and Tension Reel. The original upgrade used Avtron's IEEE 802.4 Local Area Network for high-speed communication with the automation system.

Since that time, Avtron has developed fiber-optic, 100 Mbaud Ethernet Communications for its drives to allow faster data transmission rates coupled with fiber-optic noise immunity. This network was first installed in India in 2005 on the Hot Shearing Line at the T.C.I.L. sister mill in Jamshedpur, Tata Iron and Steel Works. In 2006, T.C.I.L. plans to install an Avtron Performance View Process Diagnostic System for the mill and will also upgrade the Two-Stand Temper Mill with an Ethernet/Performance View system.

#### **About Avtron Manufacturing Inc.**

Avtron Manufacturing delivers drive systems, automation solutions and diagnostic software designed to help users reduce costs, increase efficiency and enhance profitability. With drive system solutions and services catering to virtually every heavy industry segment, Avtron Manufacturing provides a diverse array of capabilities including ac and dc drives, encoders, and high speed data acquisition and diagnostic software. Headquartered in Independence Ohio, Avtron Manufacturing, Inc. provides solutions for the global market.

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