

Barton's 3500 Automatic Tank Gauging Management System Provides Real-Time Product Status with Level Accuracy to 0.04" (1mm) and Corrected Volume of 0.05%

System has 3rd party certification for leak detection to EPA requirements on underground storage tanks



City of Industry, CA (March 17, 2003) -- Barton Systems' advanced 3500 ATG (Automatic Tank Gauging) system is a scalable inventory management solution for bulk liquid inventory control, custody transfer, tank farm operation, and reconciliation applications. Operators can view product status and movement in real-time for all networked tanks (up to 2000 tanks). Inventory data includes level, volume, corrected volume, mass, density, temperature, and optional water bottoms at any tank in the network through the control unit's local display and keypad. Applications for the ATG system include process plants, chemical and petrochemical production plants, airport tank farms, refineries, distribution tank farms, oil-fired power plants, water tanks, beverage/spirits facilities, and independent tank terminals.

This high-accuracy system combines the unique "pneumo-hydrostatic" measurement method with Barton's proprietary integrated dual-pressure transducer resulting in level accuracy to 0.04" (1mm) and corrected volumes to 0.05%. In addition to viewing tank measurement data, the system can monitor alarm status, start/stop transfer operation, perform leak/theft detection, and remotely configure any tank control

unit (TCU). Each TCU, which can monitor up to four tanks, is linked together by the ATG communications network which allows monitoring, reporting and setup from a central computer station.

The ATG system includes a 3rd party certification for leak detection on underground storage tanks up to 75,000 gallons in size to an accuracy of 0.1 gallon-per-hour in accordance with EPA requirements.

Highlighting the capabilities and cost efficiencies of the ATG system is a 9-minute movie CD offered FREE via Barton's website: **www.barton-instruments.com**. In addition to the CD-ROM, complete system specifications are available in a colorful brochure which also can be requested on Barton's website.

For more information, e-mail: **info@barton-instruments.com**.

Company Profile:

Barton Instrument Systems is a Southern California-based manufacturer of instruments and measurement information systems for the global process and bulk goods distribution industries. With over 70 years experience, Barton's product offering includes direct measurement devices for flow, level and pressure applications as well as fully integrated measurement system solutions. Barton products and systems are sold through a network of wholly-owned distributors and independent representatives around the world.