

TSI SidePak AM510 Monitor Helps the EPA Study Particulate Levels at Chicago's Union Station

A recent study performed by the U.S. EPA at Chicago's Union Station this past summer outfitted scientists with the SidePak™ Personal Aerosol Monitor AM510.

SHOREVIEW, MINNESOTA, USA, November 10, 2015 /EINPresswire.com/ -- A recent study performed by the U.S. Environmental Protection Agency (EPA) this past summer outfitted scientists with the SidePak™ Personal Aerosol Monitor AM510 to collect and compare ambient air samples in various locations within Chicago's Union Station. The study was initiated in response to concerns about air quality on Union Station's train platforms.

The study, taking place over a three week period between the hours of 6 a.m. and 6 p.m, revealed elevated fine particulate matter (PM2.5) in the air on the train platforms. The highest concentrations were found during rush hour periods, the higher average concentrations were on the south platform than on the north and short-term localized peak concentrations were identified near locomotives.

With this study, the EPA, working with Metra, Amtrak and various impacting building ventilation representatives, is determining if there is a need to optimize existing ventilation systems, add additional systems or change operational procedures to reduce particulate emissions. The EPA recognizes fine particulate pollution (PM2.5) is a major contributor to serious health problems, including respiratory disease, cardiovascular disease, aggravation of asthma and lung cancer.

Learn more about TSI's [SidePak AM510 Monitor](#)
Read the EPA's full report "[Union Station Air Monitoring Study](#)"
Read the EPA's brochure "[Particle Pollution and Your Health](#)"

About TSI Incorporated

TSI Incorporated serves a global market by investigating, identifying and solving measurement problems. As an industry leader in the design and production of precision instruments, TSI partners with research institutions and customers around the world to set the standard for measurements relating to aerosol science, air flow, health and safety, indoor air quality and biohazard detection. With headquarters based in the U.S. and field offices throughout Europe and Asia, TSI has established a worldwide presence in the markets we serve. Every day, our dedicated employees turn research into reality.



TSI SidePak Personal Aerosol Monitor AM510

Molly Doran
TSI Inc
6514904071
email us here

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