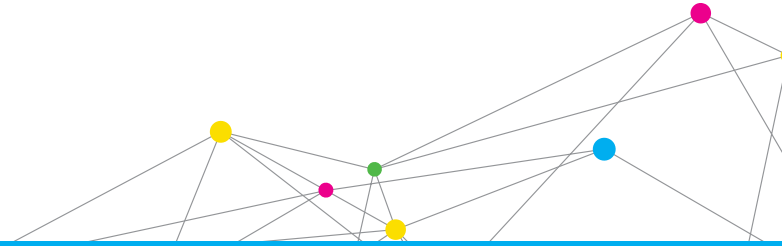


MEET AN INDUSTRIAL HYGIENIST WHO NEEDS REAL-TIME AEROSOL MONITORING IN FLAMMABLE AND EXPLOSIVE ENVIRONMENTS

Exposure Monitoring Case Study



I work at a refinery. It's a big, spread-out place with a lot of oil and gas being moved around and stored in pipes and vessels. Because leaks can happen, everything we use in the field must be intrinsically safe. Real-time monitoring instruments are a must for us because we can't wait five days for lab results to determine if someone needs a respirator...or should have been wearing a respirator.

“I was thrilled to get my hands on the new TSI SidePak™ AM520i Personal Aerosol Monitor. I've wanted to monitor dust and aerosol levels in real-time, but until now, nothing intrinsically safe was available.”

Now I'm collecting real-time aerosol data along with the gas and vapor data we always collect. Right from the start, our SidePak AM520i Monitor has provided some very interesting data. We discovered high aerosol concentration peaks when and where we didn't expect it. We're taking a closer look at this to learn more. I just shake my head in disbelief thinking that these high aerosol concentration peaks have probably been occurring for years, but until we got the intrinsically safe AM520i, we never knew.



UNDERSTANDING, ACCELERATED

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DO YOU NEED AN INTRINSICALLY SAFE AEROSOL MONITOR?

Potentially flammable atmospheres come in all shapes and sizes. Flammable vapors can be a cause for concern in the following instances:

- + Leaking pipes
- + Flammable gasses present from purges and blow-outs
- + Small spills and drips from various processes

As an industrial hygienist or safety professional, your company is counting on you to measure and monitor for safety and health risks present in the workplace. The last thing you need is an instrument that you can't use everywhere you need to monitor.

THE SIDEPAK AM520i PERSONAL AEROSOL MONITOR CAN HELP

The new TSI SidePak™ AM520i Personal Aerosol Monitor has intrinsic safety ratings for some of the toughest conditions out there. Now real-time aerosol monitoring doesn't have to stop at the fence line.

The AM520i is rated for use in atmospheres known to contain flammable gases and vapors, flammable fibers and flammable dust. See TSI Application Note EXPMN-016 for more details about the AM520i intrinsic safety rating and EXPMN-017 for a basic explanation of what intrinsic safety means.



SIDEPAK AM520i PERSONAL AEROSOL MONITOR INTRINSIC SAFETY RATING:

IECEX: EX ia IIC T4 Ga

CSA/UL: Div I, Class I, A, B, C, D

Div I, Class II, E, F, G

Div I, Class III

ATEX:  ia IIC T4 Ga



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