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CHEMDAQ, Inc. AWARDED PATENT FOR FILTER TO ADDRESS FALSE ALARMS WHEN MONITORING ETHYLENE OXIDE GAS

PITTSBURGH, PA, February 17, 2009 – ChemDAQ, Inc. announces the issuance of US Patent No. US 7,491,547 B1 – Filter for Gas Sensor. The patent application was originally filed in 2004.

The chemical filter addresses the long-standing problem of cross sensitivity in ethylene oxide gas sensors. Hospitals, medical device manufacturers, and contract sterilization companies that use ethylene oxide gas monitors in areas where ethylene oxide is used or stored for sterilizing medical instruments, frequently experience false alarms when electrochemical sensors in the monitors respond to other easily oxidized gases, such as alcohol and carbon monoxide, instead of ethylene oxide.

Dr. P. Richard Warburton, CTO and General Counsel, explains “the patented chemical filter contains an oxidizing agent that allows the target gas (ethylene oxide) to pass through to the sensor unimpeded, while removing these common interferents. The filter is intended for use with ambient air gas monitors, such as our Steri-Trac units which are employed to enhance workplace safety.”

ChemDAQ’s patented chemical filter technology can eliminate nuisance alarms in most cases where low levels of common interferences cause false alarms with other non-filtered sensors.

About ChemDAQ, Inc.

ChemDAQ, Inc. is a leading provider of gas monitoring solutions for the US healthcare and Life Sciences market with approximately 600 monitors installed. ChemDAQ’s Steri-Trac[®] system is designed to monitor the low-temperature sterilant gases widely used in Medical Device Manufacturers and Hospitals. Due to potentially severe health issues associated with exposure to all three low-temperature sterilants (ethylene oxide, hydrogen peroxide and ozone), the Occupational Safety and Health Administration (OSHA) has established Permissible Exposure Limits (PEL) that define the maximum levels that an employee can be exposed. ChemDAQ’s Data Acquisition Computer (DAQ) works in conjunction with Steri-Trac[®] area monitors to calculate gas concentrations based on these OSHA limits and provide staff with color coded “impending alerts” so that they can proactively address problems before they hit critical state.

For more information visit ChemDAQ’s website at www.chemdaq.com

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