WEB-BASED FUMIGATION MONITORING FOR QUARANTINE FUMIGATIONS PART 5

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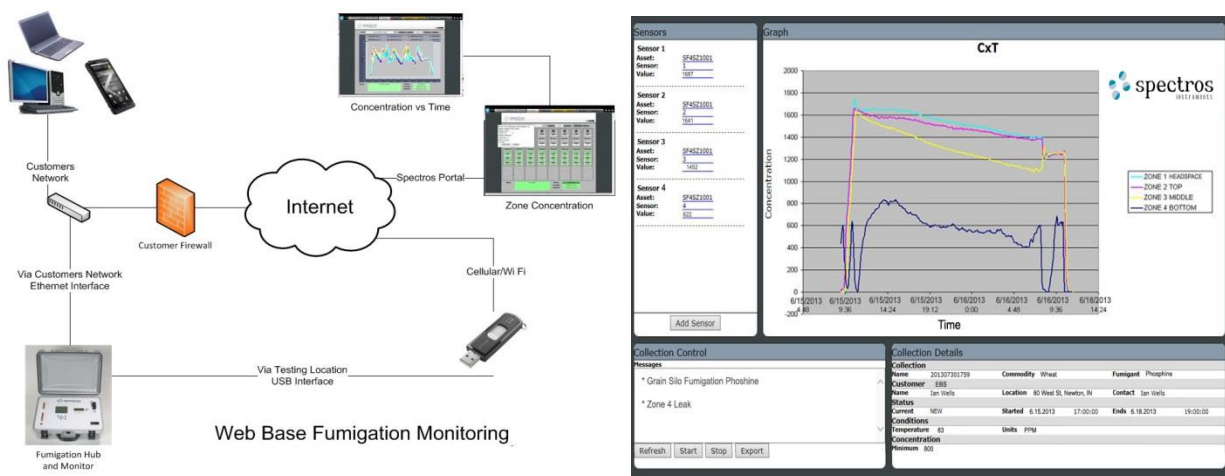Ian Wells, Director of Quality Control; Steven Ottmar, Manufacturing Supervisor

Figure 1 CH_3Br, SO_2F_2, PH_3, C_2N_2 MONITOR, REPORT, TRANSMIT, NOTIFY, VALIDATE

Abstract

This paper updates **The Spectros Instruments' Infrared Monitoring System** for the collection of fumigation data at-line and in remote locations. Internet connections include ethernet, cellular modem and satellite options. The Spectros Instruments Fumigation Platform displays fumigation data locally (pc, print, plot) while real-time reports and alerts are generated for display on the internet via any secure web browser. Real-time monitor diagnosis and fumigation validation is possible with the Report Monitor Control and Reporting System. Standard features allow a fumigator to be contacted cell phone. Real-time fumigation gas levels are displayed and optional validated compliance reports are available for certification of fumigation.

Data will be presented with special attention paid to Spectros' Fumigation Monitors Infrared Technologies' stability to changes in temperature; barometric pressure, relative humidity, interference gases and other challenges. These features will be compared and contrasted with other commonly used fumigation monitoring technologies.