



in action

FOCUS ON CORPORATE RESPONSIBILITY

Use of Thermal Oxidation Technology at Wisconsin Food Plant Reduces VOC's

Technology upgrade improves performance of system

Fort Atkinson, WI, October 28, 2010 – In 1995, On-Cor Frozen Foods commissioned the installation of a catalytic oxidizer at its Redi Serve facility in Wisconsin. The system was recently upgraded to a regenerative thermal oxidizer (RTO) with advanced technology and future capacity built within.

The catalytic oxidizer installed in 1995 reduced emission of volatile organic compounds (VOC's) by 90% and other particulates by 79% over untreated exhaust. This was well within existing and current EPA minimum requirements of 85% destructive efficiency for VOC's monitored daily.

The newest regenerative thermal oxidizer unit has increased the destructive efficiency to 98% of VOC's and 80% of other particulates, while reducing natural gas consumption by 66%. In addition, the CO₂ emissions of the RTO system are the lowest by far of similar oxidation technologies.

A future add-on to the system is supplemental fuel injection. This will provide for an additional 30% reduction in natural gas usage to operate the unit. This upgrade is anticipated to be possible within the next two years.

The efforts of On-Cor Redi Serve in the State of Wisconsin have been verbally recognized as the practical "Gold Standard" for this type of emission management.



A new regenerative thermal oxidizer (RTO) installation at On-Cor's Wisconsin facility

About OSI

For over 50 years, the OSI Group, LLC has been a global leader in supplying value added protein items and other food products to leading foodservice and retail brands. They are a privately held corporation with more than 40 facilities in 17 countries. Their global headquarters is located outside of Chicago in Aurora, Illinois, USA.

A World of Food Solutions

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