

# FANTASTICS

A Quarterly Industrial Ventilation Newsletter

Second Quarter 2024



## TECHNICAL NEWS

While A.I. has numerous advantages, the high usage of electricity will substantially increase plant ventilation requirements.



A new chemical collection has been introduced to capture chemicals utilizing large CFM fans capable of capturing large quantities of CO<sub>2</sub>. Similar systems exist for capturing sulfur from SO<sub>2</sub>, in paper mills, nitrogen from styrene in FRP boat building plants, phosphates and sulfur in fertilizer phosphoric and sulfuric acid plants.



Additional EPA regulations are aimed at chemical Plants handling large quantities of benzene, ethylene dichloride, vinyl chloride, neoprene, ethylene oxide and chloroprene. These emissions reductions will affect over 200 chemical plants nationwide.



## DECARBONIZING PROJECTS

We have learned that Constellium, a manufacturer of aluminum products, will deploy a zero carbon aluminum casting plant. Also, Kraft Heinz will be upgrading, electrifying, and decarbonizing food product at 10 facilities nationwide.

Cleveland-Cliffs Steel Corp., the largest flat-rolled-steel producer in America, will be retiring a blast furnace and installing two electric furnaces.



## VSI NEWS

Since the beginning of 2024, we have completed the installation of seven (7) large industrial plants in Georgia and Florida. All of these projects significantly improved air quality. Subsequently, we have recommended these valuable customers contact their insurance companies to determine if their insurance premiums might be diminished due to their plant ventilation improvements.

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