

GREEN FOUNDRY CASE STUDIES

AIR EMISSIONS

Baghouse Leak Detection



Description

The metalcasting facility installed a state-of-the-art probe system to proactively monitor and detect small leaks in the baghouse system. The passive induction particulate leak detection systems improved the quality of facility emissions beyond regulatory requirements. The probes are reliable and effective in reducing total particulate emissions from dust collection systems.

Environmental Benefits

- Improved efficiency of baghouse air filtration systems.
- Reduction in air pollution.

Other Benefits

- Simplified regulatory permitting due to reduced pollution burden
- Maintained the foundry's role as an industry leader in pollution control technologies and practices
- Improved relations with surrounding neighbors by upgrading the quality of facility emissions beyond regulatory requirements.

Applicability

- This project is applicable to all facilities equipped with baghouses.

