



Huyglas[®] from Air Purator Corp.

Case History: Kiln Industry - Lime, Cement And Clay Products

INTRODUCTION: **Huyglas[®]** is ideally suitable for a wide variety of kiln applications, including lime, cement, clay, kaolin and brick manufacturing. **Huyglas[®]** is efficient, durable, able to operate at 550° F continuously with excursions to 600° F. It is less prone to the installation damage seen with membrane products. **Huyglas[®]** has been used in for over 20 years in kiln applications.

PROBLEM: A lime kiln located in the southeastern United States previously utilized a wet scrubber to control kiln emissions. The wet scrubber could not meet new particulate standards, so a new pulse jet baghouse was installed utilizing **Huyglas[®]** media. The company added a second baghouse 4 years later, also utilizing **Huyglas[®]**. The system currently filters approximately 80,000 cfm with an air-to-cloth ratio of 3.7:1 using 1,400 **Huyglas[®]** bags.

SOLUTION: **Huyglas[®]** was chosen over other materials for the following reasons:

- Longer bag life/good durability
- Ability to operate at temperatures of 550° F and to handle excursions to 600° F
- Lower pressure drop compared to other media
- Excellent filtration efficiency

For more information on specific applications of **Huyglas[®]**, please contact APC.