



**FARR APC**  
*Air Pollution Control*

Case Study

## Gold Series Paves Way for Brick Maker

**Product:** Gold Series  
**Size:** GS10 Designed for 6,700 CFM  
**Application:** Brick Coating Dust  
**Customer:** Hanson Brick - Monroe, NC  
**Representative:** Dominion-Carolina Sales, Inc.

### Challenge

Hanson Brick is one of North America's largest brick manufacturers. In 2001, Hanson (then Boren Brick) built a new facility at their Monroe, NC operation to increase production. A dust collector was needed for their coating extrusion lines.

### Solution

If there is a dust collecting opportunity in North or South Carolina, Farr rep Dale Grimsley of Dominion-Carolina knows about it. Dale visited the Hanson plant and evaluated the new production lines. Wet bricks are first cut to shape with a wire process. They are then strewn out and immediately coated with a magnesium colorant while on vibratory feeders. This is where the cloud of dust is generated. The bricks are then moved into the kilns.

Based on his experience and the length of the coating lines, Dale sized up a Gold Series model GS10. This would handle 6,700 CFM at an air-to-cloth ratio of 1.5 to 1 using standard PTS450 Gold Cone filter cartridges. He recognized that this was primarily a "house-keeping" application to keep the production area clear so dust loading would be light. The collected dust would be reclaimed and reused in the process on a future run.

Hanson Brick purchased the Gold Series system and installed it in October 2001. They are pleased with the performance of their GS unit, which has not needed filter changeout for three years now.

*For further information regarding this application, contact Farr rep Dale Grimsley of Dominion-Carolina Sales, Inc. at 336-882-1132.*

