



**FARR APC**  
*Air Pollution Control*

Case Study

## Forging Ahead With FARR

**Product:** Gold Series  
**Size:** GS-36 Designed for 24,000 CFM  
**Application:** Grinding, Butting, Polishing Carbon Steel  
**Customer:** Western Forge - Colorado Springs, CO  
**Representative:** Environmental Air Systems

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### Challenge

In November 1999, Western Forge decided to update their current dust collection system. Western Forge is a manufacturer of pliers, adjustable tools, wrenches and chisels for Craftsman Tools and Home Depot. Their operation runs 24 hours a day, 7 days a week.

They were considering replacing 221 bags in a Dixie baghouse with Farr Dura-Pleats, or removing the baghouse completely and installing a new Farr Gold Series unit. At the time, they had (1) Farr Tenkay 12D and (1) 20D installed and operating very successfully. Also installed were a few Dust-Hogs and (1) Torit unit operating at an unacceptable performance level.

### Solution

After reviewing their complete operation, it was decided the best option was to remove the existing Dixie baghouse along with the unsuccessful Dust-Hog and Torit units, replacing them with the new Farr Gold Series GS-36 (rated for 25,000 CFM at a 1.54:1 A/C ratio). In July of 2000, we changed out the 1" diameter valves to 1-1/2", increased the blowpipe opening to 3/4" and rewired Determinator to allow for off-line cleaning.

The GS unit continues to perform well and this customer is happy. Western Forge chose to continue with Farr due to the performance of the existing Farr Tenkay "D" units versus our competitor's failures. In November 2000, Western Forge showed their confidence in Farr by installing (1) GS24 on a similar steel grinding application.

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*For further information regarding this application, contact Farr reps Grant Bowry or Jeff Day of Environmental Air Systems at 303-752-2750.*

