

CASE STUDY

THERMAL SPRAY & GRINDING



FLEET OF FARR GOLD SERIES SHIFTS SHOPS INTO TURBO

PRODUCT

Product	Farr Gold Series Fume and Dust Collector
Model	GS6 (12), GS36, GS48, GS60
Application	Thermal Spray, Grinding
Customer	Sulzer — La Porte, Texas
Date of Installation	2005 – 2009

CHALLENGE

Sulzer is a leading independent service provider for all brands of rotating equipment such as turbines, pumps, compressors, generators, and motors. At the Texas location, explains Joe Drury, division superintendent at Sulzer, “Rotating equipment is removed from site, disassembled, inspected, repaired, coated, assembled, and installed at customer site. The repair and coating processes can require dust collection.”

Sulzer knew that compliance with environmental, health, and safety regulations was not only important, but also necessary. In 2005, they began installing Farr Gold Series units as the location expanded. Sulzer replaced several aging dust collectors with Farr Gold Series units due to performance gains and reduced maintenance. Drury mentioned, “Other unit designs led to leaks at filter seals during service.”



▲ A GS36, GS48, and GS60 on thermal spray.



▲ A GS48 and GS60 installed outside at Sulzer.

SOLUTION

From 2005 to 2009 Sulzer installed a total of 15 Farr Gold Series units of varying models — from GS6 up to GS60. The units have proven themselves by improving their work environment. The GS36, GS48, and GS60 were installed on their thermal spray applications; the 12 GS6 units are installed on metal grinding applications.

“We installed the Farr Gold Series collectors in the coating shop, where we do grit blasting, HVOF, and air plasma coatings, and in our component repair shop, where we do welding, blending, and grinding on gas turbine components,” Drury described. “The main improvements we’ve seen are increased filter life, increased suction and decreased collector maintenance also improvements to suction,” he added.

**MAINTENANCE IS MODERATE TO NONE.
REMOVING AND CLEANING FILTERS IS
MUCH EASIER THAN COMPETITOR UNITS.**

Drury cited the modular design and construction of the Farr Gold Series units as its best features. “Maintenance is moderate to none. Removing and cleaning filters is much easier than competitor units,” he continued. The units have alleviated the problems Sulzer faced; no more leaks, easier maintenance, and longer filter life. ➤

For more information about this application, contact Air Pollution Control at 281-332-7935.

For more information about Sulzer, visit their website at www.sulzer.com.