

Pair of Gold Series® at a Battery Component Manufacturer

Entek International Limited

Entek International limited, manufacture battery separators at their high-tech factory in Newcastle-upon-Tyne. They had two DCE Sintamatic dust collectors, each serving several manufacturing lines.

These dust collectors are critical to the manufacturing process as the plant runs 24 hours a day, 7 days a week, with only a two week planned shutdown in the summer for maintenance. The existing Sintamatic dust collectors had a very high pressure drop and carried over large quantities of dust. The filter elements were also extremely expensive and time consuming to replace.



Entek chose Camfil Farr Gold Series® dust collectors ahead of strong competition because of the high efficiency and low pressure drop of the HemiPleat® filter cartridges. This together with the extremely quick filter change of the Gold Series and the low cost of replacement filters, compared to the DCE Sintamatic units, made the Gold Series the obvious choice, with payback being as little as one year.

Another big advantage was that the new system allowed Entek to recover solvent that was present in the air stream. This was not possible with the old DCE Sintamatic units due to the high carryover of dust.

Camfil Farr APC designed, installed and commissioned two nearly identical systems, each of which included a GS08 Gold Series collector with HemiPleat® cartridges, a fully programmable compressed air cleaning system with compressed air saver and twin hoppers fitted with motorised rotary valves. A Camfil Farr HEPA system was fitted after the dust collectors as a back-up filter.

Both systems have been in operation for years and the customer is extremely happy with the performance of the Gold Series® collectors.

In addition to handling the installation, the Camfil Farr service team monitors and maintains the dust collection systems under their Aftercare programme.

Product Information

Product:	Gold Series® dust collector
Size:	Two GS08's
Air Volume:	8,500 m ³ /hr per system
Application:	Extraction of fine silica dust from manufacturing lines
Customer:	Entek International Limited, Newcastle-upon-Tyne
Installation date:	August 2006



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