



Gold Series® Dust Collector on dosage devices

MCP HEK

MCP HEK based in Lübeck, Germany, is a member of the MCP Group, who have additional facilities in Wellingborough (UK), Fairfield (USA) and Shenzhen (China). Their activities are based around the production of non-toxic Bismuth chemicals for use in many industries including pharmaceuticals and electronics.

MCP HEK had a fire in 2009, resulting in the destruction of their existing dust extraction plant. To keep production going MCP HEK looked for a company that could provide a quick delivery and maintain their high standards.

Camfil Farr APC in Germany was contacted to carry out a site survey and present a suitable solution.

The main problem was the explosive nature of the dust. The old system had not been equipped with any explosion protection and MCP HEK realised that the incident could have been far more serious if it had resulted in an explosion rather than a fire.

Camfil Farr APC recommended a Gold Series dust collector fitted with a vertical explosion plenum. In the event of another incident this would vent any explosion safely upwards and away from any personnel or buildings.

Finding a suitable location for the dust collector was difficult as the factory is built around a central courtyard, with high walls and windows. It was therefore decided to install the new dust collector outside the building. Due to the location of the factory in a residential area this meant that extra care was required to ensure noise from the system was kept to the minimum.

MCP HEK decided to use the Camfil Farr APC because of the good engineering work on site, the ease of maintenance on the Gold Series dust collector and the quick delivery.

The system was commissioned in December 2009 and following an initial trial period, some minor modifications were made to improve the performance. The system has been running successfully since that time.

Product Information

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| Product: | Gold Series® dust collector |
| Size: | GS04 with explosion vent |
| Air Volume: | 3.000 m ³ /h |
| Application: | Dosage of Bismuth-subsalicylate |
| Customer: | MCP HEK; Lübeck, Germany |
| Installation date: | December 2009 |



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