



FARR GOLD SERIES® FOR NEW SMALL SCALE MANUFACTURING FACILITY

PRODUCT INFORMATION

Product:	Farr Gold Series® Camtain® dust collector
Size:	1 x GSC02, 1 x GSC02HV & HEPA Module
Air Volume:	2,200 m³/hr
Application:	Extraction from pharmaceutical production suites
Customer:	GlaxoSmithKline, United Kingdom
Installation date:	January 2011

CHALLENGE

GlaxoSmithKline is one of the world's leading research-based pharmaceutical and healthcare companies and is committed to improving the quality of human life by enabling people to do more, feel better and live longer.

Health and safety is a top priority of GlaxoSmithKline and they invest heavily in the best equipment to provide protection for their work force.

Following discussions between Camfil APC and engineers at GSK, it was decided to take a Farr Gold Series Camtain demonstration unit to their Ware Site in the UK. This gave engineers, maintenance personnel and production operators the opportunity to see the benefits of the Gold Series Camtain collector in person.



A Farr Gold Series Camtain dust collector installation.

SOLUTION

Previous experience with so called "Safe Change" dust collectors had left GSK sceptical, but once they saw the quality of the Farr Gold Series collector, along with the safe change features offered by the Camtain options, for filter removal and product offload, they decided that this was the dust collector they should be using.

Following this Camfil APC were approached by TSL Projects Limited, a main contractor working on behalf of GSK, to supply two Farr Gold Series Camtain Units for a new small scale manufacturing facility at GSK's Ware site.

The first unit was a standard Farr Gold Series Camtain collector with BIBO door option, dual valve offload

for product removal, Fike explosion suppression system and CamSafe HEPA after-filter.

This collector was linked to a series of ten production suites, of which any four could be in operation at one time.

A complex control system was supplied as part of the project to switch extraction between these suites, whilst maintaining a constant air volume within the system and reducing energy consumption.

The second unit was a High-Vacuum Farr Gold Series Camtain collector. This again was fitted with a BIBO door option, Dual valve offload, Fike explosion suppression system and a HEPA after-filter in a high-vacuum housing.

This collector is connected to the house vacuum system, providing a high-pressure vacuum cleaning facility within the new production suites and surrounding areas.

As a result of working with TSL Projects on the dust collectors, Camfil Farr in the UK also supplied a 6 module CamSafe housing, as part of the project. This is fitted with F7 pre-filters and H13 HEPA filters and is incorporated into the main ventilation system for the new facility.

All of the systems were installed and commissioned on time, with the new facility undergoing extensive trials prior to full scale production commencing in March 2011. 



The Camtain solution comprising BIBO for safe filter changes and continuous bin liner for safe waste product collection and disposal.