

Smoke Ventilation for Rolls Royce – Derby Site



When Rolls Royce wanted to protect their newly re-roofed manufacturing Shop number 4 at their Nightingale Road works in Derby they came to Celsius to fully design, install, tube, wire and commission the system.

The system consisted of 20 no. Celsius large natural louvred vents, smoke curtains to compartment the building,

pneumatic controls, rain sensors to allow the vent to be used for a day to day ventilation and a compressor set.



We later interlinked the fire alarm system into our control system as well as the site building management system (BMS) to enable Rolls Royce to have full automatic control over the system to use it for the day to day cooling of the area.



We have since installed four more systems for Rolls Royce at three other sites in the UK for both smoke ventilation and also day to day ventilation.

Nick Smith the project manager for Rolls Royce on the Nightingale Road site said

“Celsius completed the installation on time and within the original quoted price. The system works well and conditions are now far better in the area. Although the system was originally installed for smoke vent cover, the staff in the area use them all the time in the summer to keep cool.