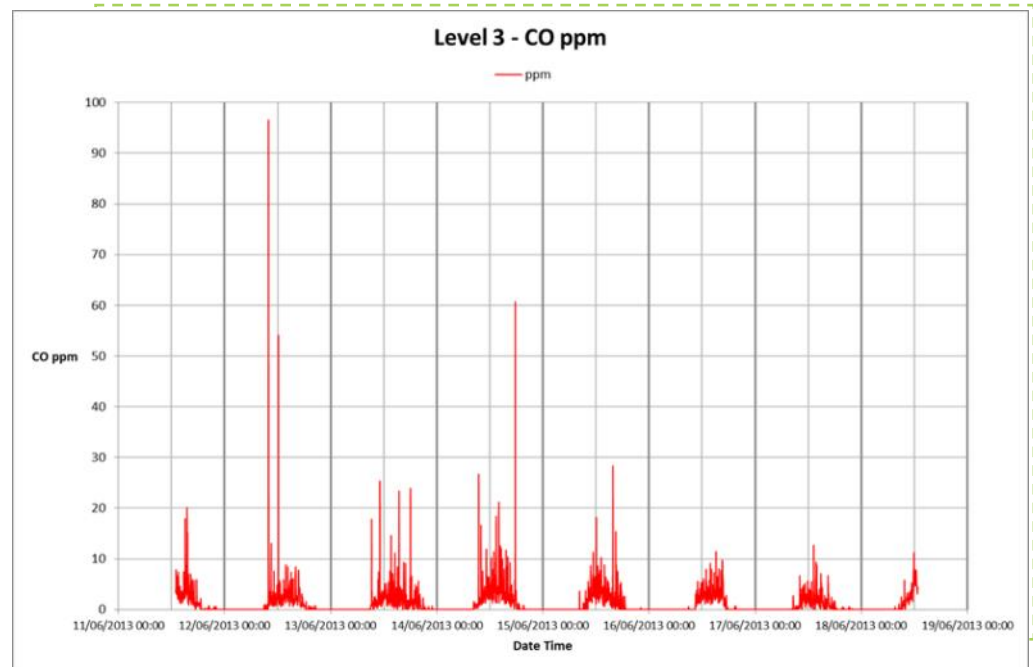
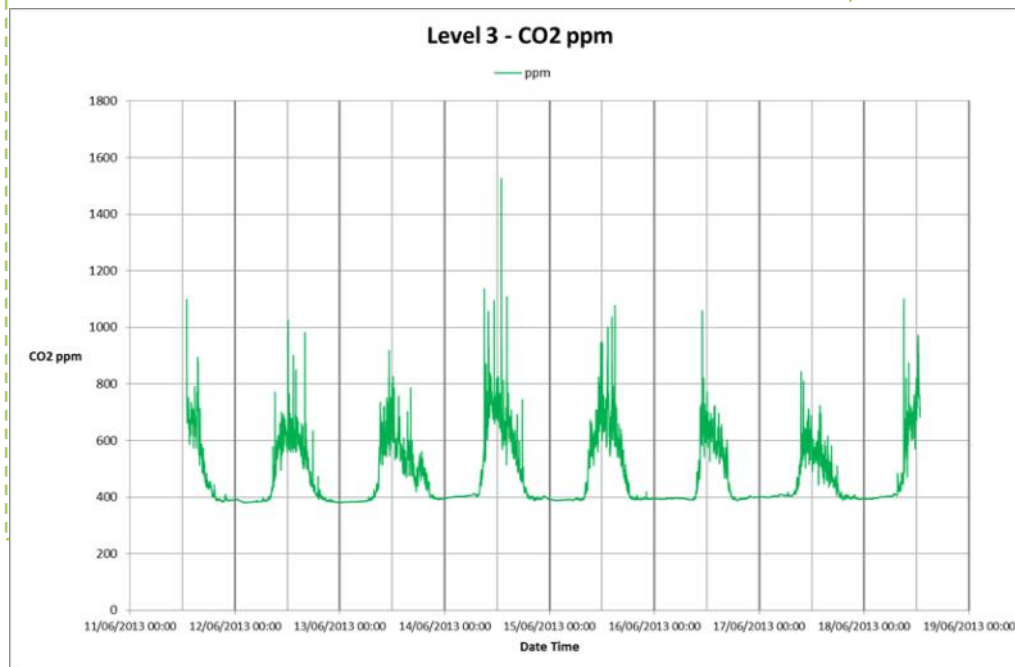


To Determine the Air Quality on 3 Floors of a Shopping Centre Multi-Storey Car Park

The Challenge

With stringent legislation governing the levels of CO and CO₂ gas present in car parks, BSRIA was commissioned to test a multi-storey car park at a town centre shopping centre to monitor the typical weekly levels and ensuring compliance with legislation.



Process

Three “Q-TRAK” Indoor Air Quality Meters were installed at levels 1, 3 and 5 of the car park. To overcome possible vandalism, the meters were installed in standard equipment boxes, mounted on the walls with only the sensor exposed. The boxes also supplied mains power to support the meters during the week long test. The stored data was downloaded and issued as a report with charts and tables as appropriate.

Results

The client was supplied with a comprehensive report containing both charts and tables of Maximum, Minimum and Average values of CO, CO₂, Temperature and Humidity. This enabled detailed analysis to demonstrate compliance with the regulations.