

CASE STUDY

Aggregates

DUST EXTRACTION SYSTEM AND CEMENT ADDITIVES RESEARCH FACILITY

ISSUE

An independent LEV survey at this concrete additives plant had been carried out which condemned the existing dust extract system, and the filter was insufficient and being bypassed. Duct velocities were too low causing drop-out of dust, and capture was insufficient causing employee exposure to airborne dust. Action was urgently required to address these issues.

Exeon were asked to provide a solution with excess extraction capacity for a future production facility.

SOLUTION

Exeon installed the Scorpion™ bench merged with the existing bespoke connection to create an “all-round” downdraft and backdraft capture for that part of the process.

A Nellie™ arm was also installed, to capture the airborne dust on a sack tipping hopper. We installed two spare connections for future use.

All connections were served by a Rhino™ central Autosshake extractor unit, positioned outside for ease of access and maintenance.

PROJECT VALUE

£28,000

Ref: C145109

