

CASE STUDY

Trouw

DUST EXTRACTION SYSTEM FOR FOOD PROCESSING PLANT

ISSUE

A Food processing plant was installing a new production line and needed dust extraction.

Design help was required on the extraction system as insufficient information had been provided by the production line installer.

There was not sufficient space to locate the dust extractor outside the building but the dust was explosive (ATEX), and the route to install the extractor was torturous.

SOLUTION

Exeon worked along with the customer on the design of the extractor at every stage, including viewing 3D models of the production line and assessing likely dust levels and proposing flow rates.

The Rhino dust extractor had to be installed with a Flameless Vent over the Explosion panel to ensure that if there was any explosion inside the unit, it would not cause any secondary explosions inside the factory.

The Extractor had to be broken down into parts and assembled in place in the factory.

PROJECT VALUE

£40,000

Ref: C146266

