



A SIKA COMPANY

Case Study

Sector: Manufacturing

Elimination of manual handling delivers product consistency improvements



SERVICE: Control & Automation

AES was commissioned to design and install the electrical element of a mechanical process which was designed to remove manual handling from the production process and enable Everbuild to benefit from economies of scale and eliminate human errors.

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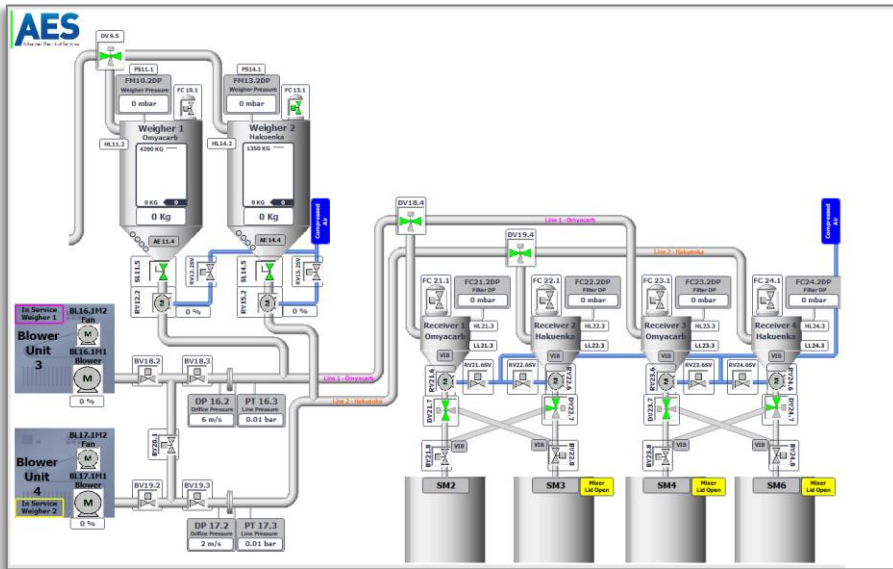
Before we automated this process involving powdered chalk we were experiencing product quality and consistency issues. AES have helped us completely automate this process with no manual handling intervention.

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CHALLENGES

Everbuild had a traditional manufacturing process which involved the manual weighing of chalk powder into mixers for a range of different products.

Due to the level of manual intervention involved in the process, Everbuild was finding that product quality and consistency was being affected due to human discrepancies in manual measuring.



AES was tasked with taking the pre-designed mechanical process of storing the chalk powder in a giant hopper and moving it using an air blower, and designing the control panel and the electrical process.

SOLUTION

It was designed in such a way that operators could choose the destination point and exact volumes required. AES build the control panel off-site and installed it on-site in tandem with the mechanical build. As well as better product quality and consistency the process delivered costs savings in being able to purchase bigger bulk orders chalk powder, reducing physical manpower required, human error eradication and a streamlined production workflow with no production delays.

ABOUT

A world-class manufacturer of sealants, adhesives, fillers and building chemicals for the construction and associated industries, Everbuild operates from a large UK base located at Cross Green Industrial Estate in Leeds, West Yorkshire. Owned by global company Sika AG, Everbuild has seen rapid expansion in recent years.



Empowering Performance

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