

BEST PRACTICE

LOCATION: Asphalt/Coating plant
ACTIVITY: Maintenance & Housekeeping
SUB ACTIVITY: N/A
BEST PRACTICE No: BP2043
COUNTRY OF ORIGIN:

ARTICLE YEAR: 2018
COMPANY: CEMEX UK
COMPANY LOCATION: Local Asphalt Sheffield
COMPANY TEL: 0000

TITLE

Trace heating for cold feed bins

ARTICLE

DESCRIPTION

At CEMEX's Local Asphalt Sheffield plant, the traditional, steel framed feed bins are filled from above using a loading shovel. The sloped sides of the bin then enable the aggregate to flow under gravity. However, in very cold weather conditions the material can freeze and stop flowing. To clear the blockage, staff would be required to work at height to access the bins and attempt to clear it using manual handling techniques and tools.

Staff and contract fitters were consulted on how to improve safety in this working area.

Working with Cross Electrical, (an Avetta vetted contractor) an insulated, cladded frame with thermostatically controlled trace heating was installed.

BENEFITS

- Risk of working at height reduced
- Risk of manual handling reduced
- Risk of slip, trip or fall reduced
- No production lost due to bin storage blockage in cold weather
- Employee involvement in finding solution

ARTICLE IMAGES

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