

BEST PRACTICE

LOCATION: Asphalt/Coating plant
ACTIVITY: Maintenance & Housekeeping
SUB ACTIVITY: N/A
BEST PRACTICE No: BP2088
COUNTRY OF ORIGIN:

ARTICLE YEAR: 2021
COMPANY: FM Conway
COMPANY LOCATION: Heathrow Asphalt Plant
COMPANY TEL: 0000

TITLE

Asphalt drum hydro blasting

ARTICLE

Entry 21130 Finalist Fatal 1, 3, 4 and 5

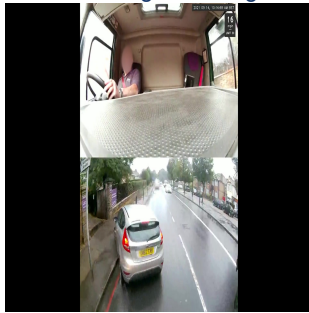
At FM Conway's asphalt plant at Heathrow, it was necessary to regularly remove the build-up of material sticking to the dryer finger lifters in the RAP drum. These fingers lift the material and drop it in front of the heat screen to allow the product to be heated and mixed correctly. Over time, the RAP drum clogged with old material blocking the finger lifters and cooled material stuck to the drum. This causes the plant to run less efficiently and results in more wear and tear on the components due to the increased weight of this material.

FM Conway developed a new system using pressure jets to achieve this.

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ARTICLE IMAGES

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Before

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After