

BEST PRACTICE

LOCATION: Asphalt/Coating plant **ARTICLE YEAR:** 2007
ACTIVITY: Manual handling and storage **COMPANY:** Aggregate Industries, Bardon Aggregates
SUB ACTIVITY: N/A **COMPANY LOCATION:** Topley Pike Quarry
BEST PRACTICE No: BP450 **COMPANY TEL:** 01298 22351

TITLE

 Award Winner  On Video

Bitumen ground pump suction delivery system

ARTICLE

There has been an improvement to the process of bitumen management and deliveries. Traffic modifications have allowed for better safety. The new one-way system eliminates the need for a vehicle to reverse towards a bitumen tank.

The tank location has also been considered to maximise safety. The key difference is that a ground pump is now used. This is not pressurised so the risks are greatly reduced.

The benefits of the system are:

- Bitumen is drawn from the delivery vehicle so the pipeline is not pressurised. This reduces the risk of a flexible delivery line failing and thus reduces the chance of bitumen spillage / spray
- The rate of bitumen delivery is controlled by the pump and not by the delivery driver as was the case previously
- The pump removes the reliance on a driver to act quickly if there is a problem
- There is less fumage
- The pump can shut down if there is a problem.

ARTICLE IMAGES

