

BEST PRACTICE

LOCATION: **ARTICLE YEAR:** 2009
ACTIVITY: Access & Egress & Working at Height **COMPANY:** Barr Quarries
SUB ACTIVITY: N/A **COMPANY LOCATION:** Tincornhill Quarry
BEST PRACTICE No: BP660 **COMPANY TEL:** 01290 700 700

TITLE  On Video

Raised crushing and screening platform

ARTICLE

The following issues were identified as areas of concern in the use of mobile crushing and aggregate screening equipment:

Plant can be buried by excess stockpile material.

Spillage of material can lead to slips, trips and falls.

Adverse weather conditions can lead to excess water and potential accidents.

During maintenance procedures, there is little demarcation between wheeled plant and pedestrians leading to an increased risk of collisions.

Barr proposed the use of precast panels to raise the aggregate processing plant onto a dryer, cleaner environment.

Handrails were added with controlled access points, segregating the process operational staff and the maintenance team from the wheeled plant and in addition, preventing slips, trips and falls. The raised island also reduces risks associated with adverse weather.

The crushing and screening plant can be tracked off the platform to allow mechanical cleaning of spillage, eliminating any risks associated with manual handling. The freestanding precast panels can also be moved as the quarry develops.

ARTICLE IMAGES

