

BEST PRACTICE

LOCATION: Quarry
ACTIVITY: Pedestrian and transport safety on-site
SUB ACTIVITY: No Sub Activity Available
BEST PRACTICE No: BP2135
COUNTRY OF ORIGIN:

ARTICLE YEAR 2022
COMPANY: Hanson Aggregates Ltd
COMPANY LOCATION: Tytherington Quarry
COMPANY TEL: 0000

TITLE

Mobile plant parking area

ARTICLE

FINALIST

Hanson's Tytherington Quarry was producing 1.8 million tonnes per annum with a contract crushing, load and haul and production process. Demand had significantly increased to this level to meet the requirement for HS2. As a result of increased sales, the fleet of mobile plant operating at the quarry had expanded rapidly to include, 10 articulated dump trucks (ADTs), 5 front end loaders (FELs) and 5 excavators. As there was no dedicated parking area for mobile plant, the plant operators were parking their machines on traffic routes, in the stockyard and in the asphalt RAP area. Maintenance was carried out in a 'plant compound' area which was located next to a main haul road.

Several near hits were raised by the mobile plant operators and supervisors due to inadequate lighting and ground conditions of the areas where the mobile plant was being parked. There was also a significant near hit when a loading shovel reversed into a dumper that had been parked in the stock yard.

It was recognised that facilities for mobile plant and their operators should be improved and encompass the following

- Lighting for operator safety and pre-start inspections
- Good pedestrian access to and from the machines and the canteen
- Good pedestrian access around the machines
- Good ground conditions for access and egress and pre-start inspections to reduce hazard of slips trips and falls
- Improved maintenance working areas
- Separation between mobile plant in case of fires.

Please watch the video to see how this was achieved and see the pdf

ARTICLE IMAGES