BEST PRACTICE

LOCATION:	**Readymix or mortar plant**	**ARTICLE YEAR**	**2022**
ACTIVITY:	**Pedestrian and transport safety on-site**	**COMPANY:**	**Tarmac**
SUB ACTIVITY:	**No Sub Activity Available**	**COMPANY LOCATION:**	**Yorkshire Concrete**
BEST PRACTICE No:	**BP2167**	**COMPANY TEL:**	**0000**
COUNTRY OF ORIGIN:			

TITLE

Daily brake testing and radar systems on concrete plants

ARTICLE

Topic 4 - Highly Commended

Daily brake testing occurs on site, but ensuring consistent results required an improvement to the process.

Concrete plants are recognised for their small footprint so having a similar procedure to the mineral extraction business was not possible.

Therefore, a review of the process was undertaken with site personnel including the shovel telematics to agree a suitable speed limit.

The design that was agreed upon is a sign which is 1.4m in length. The shovel approaches in 2nd gear at 15kmph and applies the brakes at the start of the sign, with a requirement for the Shovel to come to a safe Standstill within the 1.4 metre signage area.

A safe operating procedure was written to support the process.

Additionally, the shovels are fitted with radar systems, and these also require testing daily. Again, a review was undertaken and a 4 metre sign in correlation with the 3 detection ranges set within the parameters stipulated by the Sensor Vision Intelligent Warning System.

Independent inspections of both systems are undertaken regularly, however this procedure enables any potential deterioration of the system to be highlighted.

Please view the additional pdf for more information.

ARTICLE IMAGES