


BEST PRACTICE

LOCATION:	Quarry	ARTICLE YEAR	2022
ACTIVITY:	Pedestrian and transport safety on-site	COMPANY:	Hanson UK
SUB ACTIVITY:	No Sub Activity Available	COMPANY LOCATION:	Ingleton Quarry
BEST PRACTICE No:	BP2174	COMPANY TEL:	0000
COUNTRY OF ORIGIN:			

TITLE	
Proximity warning system (Site Zone)	
<div data-bbox="217 405 1377 450">ARTICLE</div> <div data-bbox="217 450 1377 1146"><p data-bbox="217 472 539 501">Topic 4 - Highly Commended</p><p data-bbox="217 524 1377 622">In 2019 Ingleton quarry had its static plant demolished as it was uneconomical to maintain. The site then changed to a mobile crushing operation with two crushing trains (Primary and Secondary). Following a risk assessment of the new production process (going from static to mobile plant operation) it became apparent that the existing controls for pedestrians were inadequate.</p><p data-bbox="217 645 1377 694">The mobile crushing plant is based in the centre of a small stockyard. There is regular haulier movement in addition to the two loading shovels and an excavator at all times.</p><p data-bbox="217 716 1377 790">Crushers and screens were moved out of line regularly for maintenance and to make cleaning up spillage easier. All this meant it was impossible to install suitable pedestrian walkways for our fitters, technicians, and anyone else who may be required to enter the working area.</p><p data-bbox="217 813 1377 887">Site Zone's proximity warning solution is used to complement other existing health and safety controls and in ensures that our employees and contractors have a safe working environment, whilst operating around the crushing plant and stock yard area.</p><p data-bbox="217 909 1377 983">Site Zone creates a 5-metre exclusion zone around our machines. If a transponder tag, which is worn on all pedestrians' helmets, is detected in the zone then the tag will vibrate. In the cab of the machine a red LED 'tag present' light will flash, and an alarm will sound warning both operator and pedestrian of their close proximity.</p><p data-bbox="217 1005 1377 1055">Site Zone will work through walls and around corners. Anyone that comes onto site at Ingleton now receives a Site Zone training video as part of the site induction and are given their own Site Zone Tag.</p><p data-bbox="217 1077 1377 1126">Please see the additional pdf for more information about the system and includes some images, please also watch the video.</p></div>	
<div data-bbox="217 1146 1377 1191">ARTICLE IMAGES</div>	