

Digital Thumbs Up

Melton Mowbray Distributor Road (MMDR)

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Case Study No:
CSMMDR02/Infra 005

Knowledge/Case Study Type:

Health, Safety and Wellbeing



Key Points:

- Easy to learn and use.
- Can be installed on all plant.

Description

People plant interface continues to be one of the biggest risks within the construction industry. The Melton Mowbray team decided to look at digital systems on plant as a way to manage this on site and to help maintain and improve the safety of all.

It was agreed to approach suppliers with a view to trialling their system and deciding which would best suit the needs of the scheme .

Action

The system agreed to trial was developed by Lynch Plant Hire. Lynch's have built upon the industry known safety procedure of 'Thumbs Up' and digitalised it.

MMDR arranged to trial the system on four pieces of plant.



Result

The use of the digital thumbs up system provided the machine operator with greater confidence that they are able to ensure they are working safely and efficiently.

When tested, it was clear that this digital thumbs up system can be seen and heard throughout the worksite, even when there were poor weather conditions and when the plant was being used in a noisy environment.

Transfer

The system is easy to learn, use and install onto any plant that is being used on site.

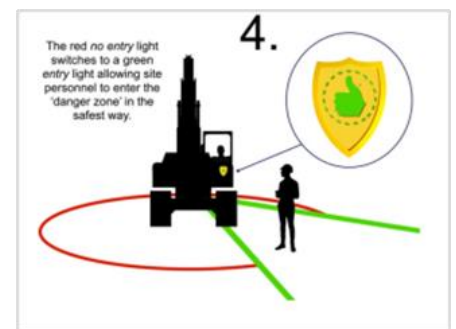
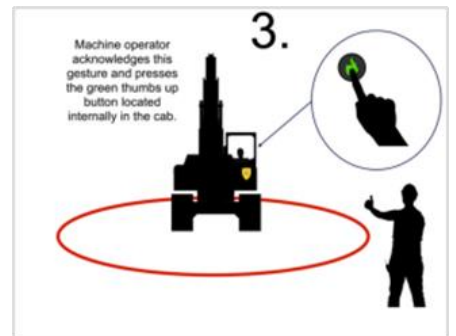
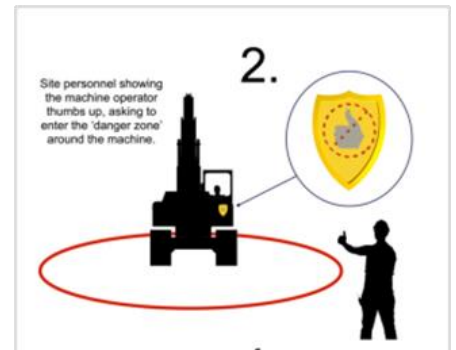
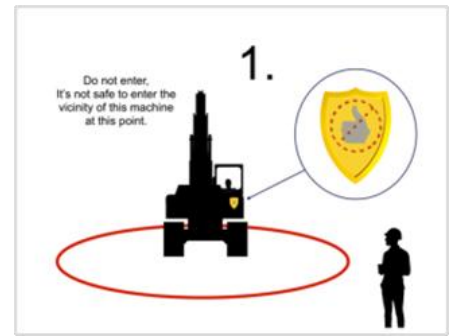
Key Benefits

The benefits of using the system are as follows:

- It alerts the plant operator to stop, when people are in danger zone
- It provides a full 360 degree view for the plant operator.
- High visibility even in poor weather conditions
- Loud high decibel audio warning alert
- Simple and easy to use for machine operators
- Clear and safe procedure for site users
- Easy and quick to install on any machine
- The system overrides the deadman lever, ensuring isolation.

Lee Robinson, plant operator for Galliford Try on MMDR said:

“Its so simple but so effective”
“It’s the best system I have used in years”



THE DIGITAL THUMBS UP PROCEDURE



When the machine is in operation, the shield sign mounted on the cab exterior will automatically display the red LED light, warning you not to approach

When you want to approach the machine, give a thumbs up gesture from a safe distance to the plant operator, asking permission to enter their work zone

When the operator sees you, they will bring the machine to a controlled stop and then press the in-cab button to activate the Digital Thumbs Up signal with its LED display

When the green LED Digital Thumbs Up sign is activated, the machine will be disabled and there will also be an audible instruction allowing you to safely approach the machine

