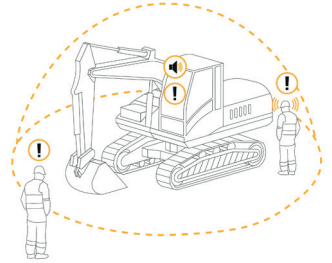**Site Zone**

Operator Guide

What is SiteZone?

SiteZone is a proximity warning system designed to alert a vehicle operator if a pedestrian wearing a SiteZone tag approaches too close to their vehicle.

How do you work with SiteZone?

The SiteZone system **must** always be plugged in and operating.

This will activate the exclusion zone around the machine (pre-set to a specified distance up to 10m.)

Before Machine Start Up

- Only one tag, your tag, must be present
- Check there are no other tags, including other drivers, in the zone of your machine

Start Up

- When system is powered, the **ON LED** will light up and **NEW TAG LED** will flash
- Press the **RED acknowledge button** on the display unit to complete self-test sequence
- **NEW TAG LED** will now be off, and the external alarm beacon will flash to show the system is active
- If you cannot acknowledge your tag, and the system continues in alarm mode, then there may be another tag in the zone, or the system is faulty.
- The system is now activated

❶ Tag detected

❷ Tag Present
stays lit until 3 seconds after all tags have left the zone

❸ Low battery
tag identified has a low battery

❹ New Tag detected
pulses in line with number of tags detected

❺ On
system is powered

❻ Acknowledge
for authorised approaches only

When a tag is detected (zone breach)

- **! LED & NEW TAG LED** will flash
- **TAG PRESENT LED** will light up
- External alarm will sound
- You should put the machine into a safe state.
- When the pedestrian leaves the zone the alarm will stop and the display unit LEDs will turn off after 3 seconds

When multiple tags are detected (multiple zone breaches)

- The **! LED** and **NEW TAG LED** on display will pulse in line with the number of tags in the zone

- The external alarm will continue to sound until all pedestrians have left the zone

- Do not press the **red button** if safety protocols have not been followed

To authorise an approach in line with existing safe systems of work (without SmartBubble installed)

- If the correct site protocol has been followed (often thumbs up), put the machine into a safe state.

- As the pedestrian enters the zone, the alarm will sound.

- Press the **RED acknowledge button**

- The **TAG PRESENT LED** remains lit, but the alarm stops

- You will need to repeat this process for each pedestrian that you authorise into the zone

- Only when the pedestrian has left the zone for more than 3 seconds, will the **TAG PRESENT LED** disappear

- Only restart work when it is safe to do so

To authorise an approach in line with existing safe systems of work (SmartBubble installed)

- If the correct site protocol has been followed (often thumbs up), put the machine into a safe state.

- With the safety engaged the detection zone is reduced so the pedestrian can approach the machine without the alarm sounding.

- Do not disengage the safety until the pedestrian has left the zone

- If the alarm sounds when you disengage the safety, there is a pedestrian/tag in the zone

- Stop immediately until all people/tags have left the zone

Low Battery LED

- If this lights up then the detected tag has a low battery and should be replaced

Power Off

- Before leaving the vehicle, ensure your vehicle is turned off

Fault Modes

The SiteZone PWS **must not be used** in any of these states and should be reported immediately:

- **CAN Failure -** The **! LED** will flash and the display buzzer will sound in bursts of 5 pulses.

- **No Driver / Machine Tag Detected -** The **! LED** and **New Tag LED** will flash and the display buzzer will sound in bursts of 10 pulses.

- **Antenna Failure / Disconnect -** The **! LED** and **New Tag LED** will flash and the display buzzer will sound in bursts of 12 pulses.