



Southern Shield

Good/ Best Practice feedback

Nature of works

Exclusion Zone warning systems

Date of good practice note

April 2018

Proximity Warning Systems- Exclusion zones



SiteZone EasyFit

Installed in typically less than 30 minutes the SiteZone EasyFit meets the requirements of the UK building and civil engineering market where most mobile plant is hired as required.



BucketZone

BucketZone allows for the creation of a separate detection zone around the working equipment of the machine. This can make the system more practical in certain applications. Useful for plant such as material handlers and loading shovels.



Zone Selector

Allows two preset ranges to be set on installation. The zone selection is via a supervisor key switch, allowing management controlled zone selection.



SiteZone Limiter

The SiteZone Limiter produces a "null zone" which "hides" SiteZone tag wearers from detection by SiteZone systems. This is useful when personnel are less vulnerable such as when they are travelling in vehicles or in areas segregated from moving plant.

Description of the good practice

SiteZone Proximity warning systems produce a detection zone around a vehicle, machine or even a restricted area. When the detection zone is breached by personnel wearing a SiteZone transponder (tag) the machine operator is alerted to their presence and can take the appropriate action. The main function of SiteZone is to warn the machine operator to the presence of the tag wearing personnel as he is the only person that can stop the machine.

To provide an additional tier of protection there are optional warnings for pedestrians and others.

What are the benefits?

- Reduce the risk of vehicle - personnel collisions
- Create a safer workplace
- Complement existing safe systems of work
- Improve personnel awareness and affect behavioural change

Supporting information

Site Zone Safety

<https://proximitywarning.com/product-services/sitezone-proximity-warning-system/>



SiteZone Transponders are designed to be an integral part of personnel's PPE. There is no need to recharge or replace batteries in the unit. SiteZone transponders are available in a range of options including a helmet mount vibrating version.

- Maintenance free tamper proof design
- High capacity battery – minimum two year expected operating life
- 10,000+ field units
- Range of wearable options.

