

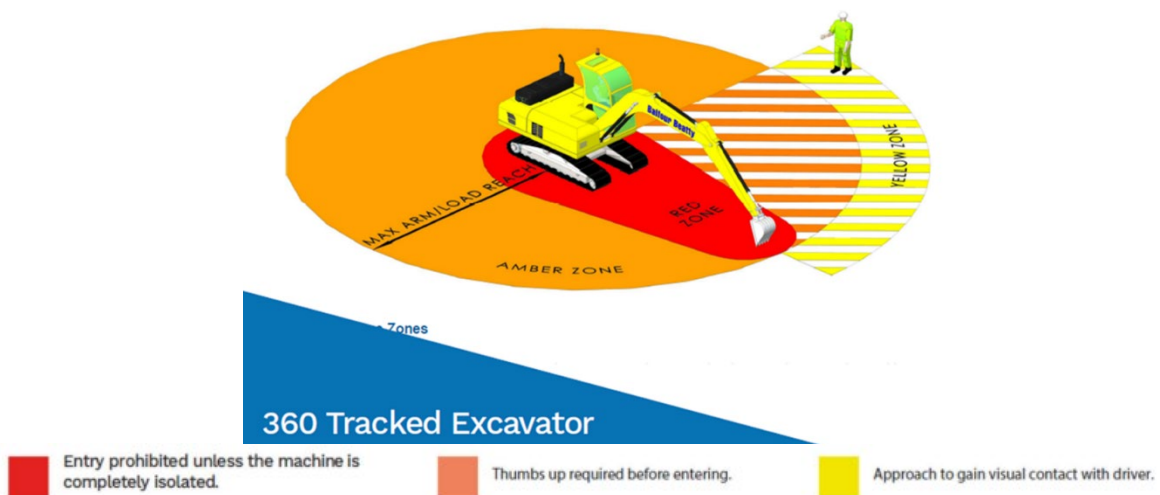
 <b>Persimmon</b>	Health, Safety & Environment Department	Issue Ref:	HS022
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Safety Alert			

<b>Topic:</b>	<b>Excavator exclusion zones – plant and worker interaction</b>
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Issued By:	Chris Evason	Issue Date:	27/07/2024
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Description
<p>During a recent visit from the HSE the Inspector noted an operation being performed whereby the plant operator and pedestrian workers involved in the task had not followed a safe system of work to prevent plant/worker interaction and the risks associated with this.</p> <p>This safety alert will identify the exclusion zones of an excavator and how pedestrian workers need to approach this type of task. In addition this task will identify the use of a signaler/ banksman to maintain control of the operation in assisting the plant operator.</p>

Action Required
<p><b><u>Plant exclusion zones</u></b></p>  <p><b>360 Tracked Excavator</b></p> <p><b>Yellow Zone</b></p> <p>The Signaler/ Banksman must remain within this zone to be able to direct the plant operator. All personnel approaching operating plant must do so from this zone to gain visual contact with the plant operator and authorisation from the Signaler/Banksman before entering Plant Interface Zones.</p>

## Amber Zone

Entry prohibited until positive visual contact is confirmed by the plant operator (e.g. thumbs up), authorisation from the Signaler/Banksman will only be given once the dipper arm / attachment is grounded, the machine is immobilised using the safety lever and the engine is switched off.

## Red Zone

Entry prohibited unless the machine is completely isolated, the engine is switched off and a specific safe system of work is in place that prevents the machine being operated either inadvertently or deliberately.

### **Site teams must ensure the following:**

- Groundworks contractors to have suitable RAMS to identify plant/worker interaction during tasks.
- Signaler/Banksman to be nominated for each plant operation where interaction with pedestrian workers is likely.
- Ensure the 'thumbs up' procedure for interaction between pedestrian workers and plant operators is promoted to all site operatives through induction and signage placed throughout the site.



### **Groundworker personnel must ensure the following:**

- Attend briefings regarding the tasks being performed.
- Adhere to the exclusion zones as indicated above.
- Give their full attention to the task being performed, mobile phone use, smoking, vaping, etc are not permitted during these tasks.