

FOR ISSUE TO: Generation Development/Wholesale/Transmission

SAFETY FAMILY IN ACTION

Where do I Stand?

Raising Awareness about striking distances of booms and pedestrian safety, Cark Wind Farm.



The construction site team engaged with the workforce to raise awareness about the hazards of striking distances and slewing range of plant, and to raise awareness about the dangers to pedestrians when in close proximity to operating machinery. Everyone on the site stood down to participate in this proactive event.

What happened?

- Everyone gathered and participated in a proactive toolbox talk.
- The hazards about lifting equipment, slewing booms and rigging was discussed by the team
- Team members contributed their stories and experiences about their experiences.
- A competition was held with the team to guess the reach of the excavator boom.
- Each person was asked to mark on the ground their best guess when the boom of an excavator is at full reach.



Photo: Guessing the maximum reach of an excavator at Cark Wind Farm

The awareness session was well received by everyone with healthy banter about the hazards and safe working ranges. All workers on site guessed correctly the range or greater than 2 metres outside maximum reach. Everyone judged correctly so they would be outside the line of fire!

Work in proximity to construction plant is a risk everyone should know about, and this awareness session facilitated a great level of interaction and discussion about factors which can cause an accident whilst working near excavators.



What action is required?

Everyone

- Get to understand the hazards of machinery which have an extended range when booms or operating arms are in use. This may include HIABs, excavators, tipping trucks, cranes, etc.
- Know the separation distances required.
- Reduce exposure to risk by understanding where blind spots may be.
- Ensure lines of communication are well understood and that pedestrians and plant operators signal one another effectively prior to any approach.

Supervisors

- Consider hosting regular short duration events to encourage appreciation about the risks of operating plant.
- Assign dedicated banks man when working in areas where line of sight is reduced or adjacent to busy, well trafficked areas.
- Ensure zones of separations are documented in RAMS.
- Consider implementing a policy of grounding excavator buckets as people or vehicles pass.

Managers

- Consider generating focused campaigns in accordance with the phase of works and associated hazards of plant & machinery.

Communication by (ü)	LSG		Notice board	X	Tool-box talk	X	Team brief	X
Communication complete by (ü)	1 week		2 weeks	X	1-month		2-months	

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