

PEDESTRIAN SAFETY

Every year about **70** people are **killed** in workplace transport related accidents. In addition there are more than **1000 major injuries** (that result in broken bones or amputations) and about **5000 injuries** that result in people being off work for more than three days.

Regrettably within Anglo Industrial Minerals two fatal accidents involving pedestrians being struck and killed by mobile plant have also occurred.



- An 18 year old worker employed by Copebras in Brazil was knocked down and run over by a reversing loading shovel. The worker suffered serious crushing injuries to his legs, pelvis and abdomen. He was taken to hospital for emergency surgery but regrettably died later in the day.
- At Laußig, Germany, a 21 year old lorry driver was struck by the bucket of a loading shovel (Volvo L180D). He was crushed against the tailgate of his vehicle and died instantly. The loading shovel was being driven in a forward direction with the bucket raised approximately 1 metre above the ground around a lorry parked by the weighbridge. The loading shovel driver was unaware of a second vehicle or the deceased. The driver was concentrating on manoeuvring the shovel past a concrete bollard used to protect a drain.

As a pedestrian how can you avoid being struck by vehicles?

Some of the measures you should take:

- where pedestrian walkways are provided – always use them
- never stand or walk behind a vehicle – the driver may not have seen you and could reverse without warning
- never walk across an area where pedestrians are not allowed
- if you need to speak to or contact a vehicle driver, never assume he or she is aware of your presence - make sure the driver has seen you and STOPPED the vehicle before you approach
- make sure you wear high visibility clothing – this is particularly important in poor weather conditions and darkness
- if you are concerned about the risk of collision with pedestrians, then report the circumstances to your manager straight away.

If you have to use a mobile phone always:

- make sure that you are in an area free of hazards, such as moving vehicles and machinery
- select a position of safety before making or answering a call or text message
- remain stationary in a position of safety for the duration of the call.

If you are the driver of a vehicle, then you can help avoid pedestrian collisions by taking the following actions.

- You must be trained and deemed competent to operate mobile plant (this is normally through EPIC). Never operate a vehicle if you have not been trained – you are breaking the law if you do and your manager is breaking the law if he or she knows you are operating the vehicle without having been trained.
- Observing speed limits and restrictions on vehicle movements. For example, if reversing in a particular area is prohibited - don't do it.
- Ensure you complete your daily safety check of the machine.
- Large quarry mobile plant must be fitted with mirrors, reverse warning (unless local environmental constraints require other measures), rear view camera, radar operated obstruction detection system (VMS - not yet fitted to all vehicles). If any of these are damaged, missing or not working it is essential that you report the defects and take action to rectify them. Local Manager's Rules may require that some defects will require the vehicle to be taken out of use until repaired.
- Mobile plant at concrete and mortar batching plants must also be fitted with mirrors and reverse warning, and for larger vehicles a rear view camera – report defects and take action to rectify.
- Keep all windows clean and make sure screen washers and wipers are working.
- Never reverse your vehicle around a blind corner where pedestrians may be present. If you need to complete a difficult manoeuvre where vision may be limited, obtain the assistance of a colleague to act as a banksman.
- Stop immediately if you lose sight of the banksman.
- As the operator of mobile plant at your workplace you may be able to identify where improvements can be made – raise these matters with your manager or supervisor, or at the Joint Consultative and Safety Committee meeting.



QUESTIONS – (there may be more than one correct answer)

		A	B	C
1	As a pedestrian – what safety measures should you take?	Always use the walkways	Wear high visibility clothing where required	Get to your place of work as quickly as possible
2	You have concerns about pedestrian routes, what should you do?	Tell a colleague	Ignore it, the SHE Dept will identify it	Tell your supervisor
3	Must you be trained to drive a vehicle?	No, only certain vehicles	Yes	Yes, but it is not a legal requirement
4	Who carries out daily vehicle safety checks?	Engineering Dept	Supervisor	Driver
5	If you need to complete a difficult manoeuvre, what should you do?	Complete it ASAP	Wait until you think the area is clear	Ask for assistance

Names of those who attended this Toolbox Talk

Name (Print)	Signature
Carried out by Name (Print):	Carried out by (Signature):
Unit:	Date: