The advice provided in this pamphlet is basic safety and health information. Ensure you are familiar with your site procedures and, if uncertain, discuss this information with your supervisor and safety and health representative.

For further information, please contact an inspector at any of our regional offices listed below.

**North**
303 Sevenoaks Street CANNINGTON WA 6107
Postal address: 100 Plain Street EAST PERTH WA 6004
Telephone: +61 8 9358 8079
Email: north.inspectorate@dmp.wa.gov.au

**East**
Cnr Broadwood and Hunter Streets KALGOORLIE WA 6433
Postal address: Locked Bag 405 KALGOORLIE WA 6433
Telephone: +61 8 9021 9411
Email: east.inspectorate@dmp.wa.gov.au

**West**
303 Sevenoaks Street CANNINGTON WA 6107
Postal address: 100 Plain Street EAST PERTH WA 6004
Telephone: +61 8 9358 8079
Email: west.inspectorate@dmp.wa.gov.au

OR
66 Wittenoom Street COLLIE WA 6225
Postal address: PO Box 500 COLLIE WA 6225
Telephone: +61 8 9734 1222
Email: west.inspectorate@dmp.wa.gov.au


*Revised and reissued June 2011*

This publication is available on request in other formats for people with special needs.

NRS: 13 36 77

*For publication orders*
Telephone: +61 8 9358 8154
Email: RSDComms@dmp.wa.gov.au
THE HAZARDS
The use of hand-held remote controls to operate load–haul–dump (LHD) machines in confined areas underground potentially exposes machine operators and other personnel to hazards associated with crushing and being run over.

WHAT CAN HAPPEN
- The machine can crush the operator against the side wall
- The brakes may fail, and the operator could be run over if too close
- Other people could be run over if they enter the remote bogging area unannounced
- The machine can become jammed or stall in a drawpoint, making withdrawal very hazardous

SAFE WORK PRACTICES
- Before starting work, inspect the workplace for blasting fumes, dust, poor ground conditions, and trip and other hazards, and ensure the hazards are eliminated before commencing bogging
- If a remote cuddy is to be used, check that it is large enough, good footing is available, potentially hazardous items are removed and ventilation is good
- Never use suspect or faulty equipment. If you have any concerns, report them to the supervisor so they can be addressed
- Install barriers and signs that will prevent other people entering the remote bogging area
- Use a proximity detection and warning system to raise an alarm if someone passes the access point during bogging operations
- Operate from a position that will eliminate or minimise the risk of machine contact. Teleremote or fixed workstations are recommended
- Never manually drive the machine into or beyond the open brow
- Apply the brakes and stop the engine when changing between onboard (manual) and remote control
- Minimise mental and physical fatigue. Load material to a stockpile where possible to allow direct operation of the loader when filling trucks
- Pay particular attention when reversing down a gradient and keep out of the path of the bogger
- Shut down the bogger and switch off the transmitter before removing the controller support harness. Never leave the machine turned on and unattended

For further advice, refer to regulation 10.45 — Remote Controlled Equipment of the Mines Safety and Inspection Regulations 1995.

Remote bogging