

Haul Roads

- Speed
- Following Distance
- Weather
- Hazards / Conditions
 - Windrows
 - Debris
 - Mud / Potholes
 - Positive Pass
- Closures
- Road equipment
- Blast Blockers

Dynamic/ service brake usage

Truck should be BELOW proper operating speed here...



Don't wait to start dynamic retarding here...it will be too late!



*Get to the appropriate speed you want to go down the grade *prior to descending down!*

What Impacts your Dynamic Brake

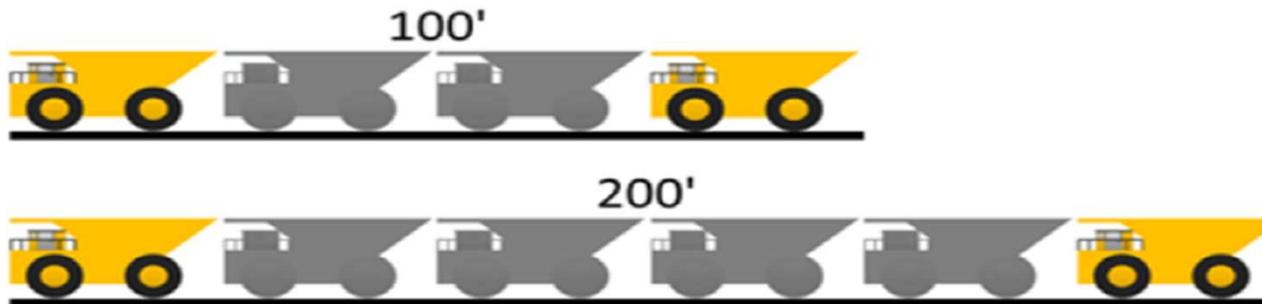
- Speed: the faster we go the harder it is to slow down.
- Payload: the heavier we are the harder it is to slow down.
- Individual truck dynamic performance: some trucks dynamics react and perform better than others (component near end of their life).
- Percentage % of grade descending: Speed + Payload and now add gravity and inertia to the mix.
- Road Conditions: Anything from weather & road conditions to broken down equipment, spillage hazards, positive single passes, etc.
- Driver reaction time: Not everyone has the same alertness and reactions.
- Others?

Following Distances

RioTinto

New Standard for ALL Vehicles

The “Haul Truck Length” Spacing Rule



- All vehicles must maintain a 200' following distance.
- The only exception to the 200' rule is if a truck is on a flat dump or flat shovel pit, in which case 100' is acceptable.

RioTinto

Positive Communication



Never pass a loader loading a haul truck on the side of the road (regardless of direction you are traveling) without:

1. Establishing positive communications with the haul truck being loaded.
2. Requesting and receiving permission from the haul truck to pass by.
* * * This can be verbal or visual communication * * *

Note: It is not required to call the loader in this situation. The haul truck will give permission to pass both the haul truck and the loader.

Cell Phone Use While Operating Vehicles or Equipment

Prohibited!

Includes: Bluetooth



RioTinto

Haul Roads

Closing Roads

- Use positive communication and follow all general haul truck rules including the Five Cardinal Rules.
- Drive defensively. Never assume others know your intentions.
- Roads may be closed due to unsafe conditions such as sliding or vision being impaired by fog.
- Use good judgment and close the road if necessary, by contacting Production Control and announcing over the Mine Operations/Upper Pit Operations Channel that the road is unsafe and what the condition is.
- The road may be opened again once the unsafe condition has been corrected.
- In the event that the closure is due to icy roads: reopening the road will be done by a supervisor or the graders working the road, not by a haul truck driver.

Fog

- Turn all light on including back up lights.
- Slow down; use extra caution and drive to the road conditions.
- If you can see the width of the road, proceed at a low rate of speed.
- If the fog becomes too thick to drive safely, pull the truck into the clear (if possible) or stop where you are.
- Close the road if necessary; see Section 8b closing roads.
- Notify Production Control and your fellow drivers by announcing over the radio of foggy conditions and the location of your truck.
- Stay alert for changing conditions and alert Production Control and other personnel when it is safe to continue driving.