

## Gravel Hauling

Hauling aggregate materials is one of our main duties and therefore offers some of the most opportunities for incidents.

### Pause for Safety

- Hazards**
- Striking or running over workers
  - Collisions or roll overs
  - Failing to stay on the road
  - Rock and gravel spray between converging vehicles on road
  - Material falling from vehicles onto roadway or workers
  - Wildlife on road
  - Operator fatigue
  - Slipping, tripping or falling when entering or exiting equipment
  - Tire failure
  - Adverse weather conditions

**PPE**



**Additional PPE**



- Controls**
- Training
  - Awareness
  - Discipline
  - Communication

### Strategies and Procedures

#### General tips

- Perform a pre-trip inspection before starting a job.
- Stay alert at all times.
- Know who has the right-of-way in the pit or the work site you are on.
- Know the hazards within your pit or job site.
- Safe driving saves lives.
- Report any observed unsafe road conditions to your supervisor and co-workers.
- Ensure you are properly trained and confident on the vehicle or equipment you are operating.
- Always use the 3 point mount and dismount rule with your vehicle or equipment.
- Always wear proper PPE.
- Seatbelt usage is mandatory when operating gravel trucks.



## Loading



If hauling to a road building site, ensure checker is present or a process is in place to record the hauling before loading

1. Ensure stockpile base is level prior to starting stockpile.



Stay a sufficient distance away from stockpile edge to prevent rolling over.

2. Always know your weight and ensure it is positioned correctly.
3. Approach the dumping area in a safe manner.
  - Watch for other workers and equipment which might be present.
  - Ensure there is clearance between your truck and the loader operator's area.
  - Look for overhead power lines and compensate your approach as necessary.

4. Load truck with loader.

- Place your truck so that the bucket of the loader does not swing over the cab.
- Your location must be known to the loader operator at all times.
  - You should stay in the cab or in a safe area in front of the cab.
- Observe loading activity with your mirrors.
  - Notify the loader operator if you see issues, especially on the blind side.

5. Perform a vehicle walk around inspection before proceeding.

- Dump off excess material if truck is overloaded.
- Ensure load is tarped when using public roads.

6. Proceed to delivery site.

- Use defensive driving and appropriate off-road driving skills.



Sharp turns with a rock truck can cause a roll over.



## Unloading

1. Ensure truck is level prior.
2. Take truck out of gear.
3. For tandem trucks, engage PTO.
  - (For rock truck, PTO is constant)
4. Apply footbrake.
5. Raise hoist.
  - Keep yourself and all personnel clear of the tailgate and sides of the box while in the elevated position.
  - (Box pin failure could lead to serious injuries.)
6. Trip tailgate to dump load.
7. Drive straight ahead a short distance to allow the remaining material to vacate.
  - Exercise caution when using hard braking to jostle material from the box on uneven ground. The higher center of gravity makes the truck prone to tipping.
8. Lower hoist.
9. If applicable, clean hitch after dumping.
10. Return to crusher discharge or stockpile site to be reloaded.

