 <p>DUTCH BROTHERS HEALTH, SAFETY & ENVIRONMENTAL PROGRAM</p>	Section: Pit and Plant Traffic Safety		
	PREPARED BY: HEALTH AND SAFETY TEAM	DATE OF ORIGIN: 02/02/2023	REVISION # 1
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PIT AND PLANT TRAFFIC SAFETY

PURPOSE

To ensure all employees understand vehicle and pedestrian traffic policies in the pit and at the plant.

SCOPE

Pit Traffic, Roadways, and Traveled Areas

- Roads must be regularly maintained to be free of washouts and major potholes.
- Roads must be maintained to minimize hazards from slipping or skidding of vehicles.
- Roadways must enable vehicles to pass each other safely and;
- Roads must avoid steep grades wherever practical

Illumination

The plant building and employee parking areas will have outdoor artificial lighting to provide illumination in the early morning or evening hours.

Traffic Management Regulations

An employer at a mine shall, in consultation with the joint health and safety committee or health and safety representative, develop and maintain a written traffic management program.

The program shall include measures and procedures to,


- a) prevent collisions, of motor vehicles, that may endanger the health and safety of workers by addressing hazards relating to reduced or impeded visibility of motor vehicle operators; and
- b) protect the health and safety of workers and pedestrians who may be endangered by the movement of a motor vehicle.
- c) A copy of the program shall be provided to the joint health and safety committee or health and safety representative and shall be kept readily available at the mine site.
- d) The program shall be reviewed at least annually.
- e) The Traffic Management Program, including the Risk Assessment Checklist, Traffic Plan and Site Map will be posted in the plant office.

Pit Traffic Safety

- All vehicles must adhere to the posted speed limits and warning signs.
- Vertical drops, road edges, cliffs or accesses to deep water must be protected by berms of half the height of the largest tires in operation in the pit.
- Right of way is given to loaded vehicles and larger equipment when working or traveling in a pit. This is because of equipment blind spots and loaded vehicles require greater distances to stop than unloaded vehicles.
- Dust control measures shall be taken on roadways as necessary.

Pedestrians, Visitors and the General Public

- All visitors, customers must report to the plant office when they arrive.
- Parking is designated for light vehicles on the north side of the plant.
- Pedestrians must be aware of truck traffic when walking around the plant and near roadways.
- Proper PPE must be used in designated areas.

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- Visitors must be escorted by a DBRMX employee while in the pit or visiting the plant property.
- The speed limit on plant property is 20 KM/H.
- Please follow the designated haul and traffic routes. A map will be posted in the plant office.
- Signs will be posted to warn of restricted areas.

Plant Entrance Gate Procedure

The last driver leaving the plant yard at the end of the day is required to lock up the plant and entrance gate. A board will be posted in the plant office that shows the drivers working that shift, and whether or not they have finished and left for the day. Driver's must check the board and, if they are the last one to leave, they must turn off the lights, secure the building, close the four overhead garage doors on the plant and lock the entrance gate.

Dump Truck Operation

Dump trucks and dump trailers can and have tipped over when their boxes were lifted. The result can be serious injury or death to the driver and/or nearby workers. Serious vehicle and property damage can also occur.

Factors that can cause the truck or box to tip over:

- slightly sloping or uneven ground level
- material that gets stuck in the box causing an imbalance
- large portion of loads caught in tailgates
- soft ground under tires
- mechanical defects

PROCEDURES

DBRMX will typically receive aggregate materials from suppliers delivering to the plant.

All trucks delivering material should follow these procedures:

Unloading:

- When material is dumped from a vehicle, the dump point shall include features (i.e. berms, barriers) to prevent the vehicle from going over the bank or edge.
- When dumping on top of a fill dump or stockpile, ensure the unloaded material will not become a hazard for any workers, vehicles that may be located at the bottom of the slope.
- When reversing, truck drivers must be mindful of any pedestrians or other traffic. Use a signaler if necessary.
- Drivers must always visually inspect the area above them for overhead wires or other hazards.
- Trucks must be level enough to dump safely. While raising the box, maintain a good centre of gravity. If you suspect the box is off centre, immediately lower the box and re-position the truck.
- Stay in the cab during dumping and keep your seatbelt on. You're less likely to be injured in a rollover. If the truck starts to tip **DON'T TRY TO JUMP OUT**.
- Always try to lower the box as soon as the load has been dumped. This lowers the centre of gravity.
- Check the box periodically to ensure all loads are emptying properly. Clean out as needed.
- Check box when dumping sticky material like clay. It may stick to one side of the raised box or it may stick in the upper portion, creating a top-heavy or unbalanced load.



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- Be aware of frozen loads that may become stuck in the box.
- Report all mechanical issues. Stability can be affected by poor suspension, uneven tire pressure, and worn or inadequate lifting systems.
- Ensure that the tailgate locks work properly.
- Ground workers should always wear high-visibility clothing or safety vests. Make eye contact with the driver when approaching.
- Never stand, work or use machinery beside a truck or trailer when it is dumping. Be visible and stay out of the danger zone.

REQUIREMENTS

Ontario Legislation

- Mining Regs. 854, Sections 18, 90-92, 105.1, 116, 118