

Sec. 29-349-287. Bulk delivery and mixing vehicle of blasting agents

Regulations of the section shall apply to off-highway private operation as well as to all public highway transportation.

- (a) A bulk vehicle body shall be constructed of noncombustible materials.
- (b) Vehicles used to transport bulk pre-mixed blasting agents on public highway shall have closed bodies.
- (c) All moving parts of the mixing system shall be designed as to prevent a heat build up. Shafts or axles which contact the product shall have outboard bearing with 1-inch minimum clearance between the bearing and outside of the product container. Particular attention shall be given to the clearance on all moving parts.
- (d) A bulk delivery vehicle shall be strong enough to carry the load without difficulty and be in good mechanical condition.
- (e) The operator shall be trained in the safe operation of the vehicle together with its mixing, conveying and related equipment, and also be familiar with commodities being delivered and procedure used in emergency situations.
- (f) Caution shall be exercised in the movement of the vehicle in the blasting area to avoid driving the vehicle over or dragging hoses over firing lines, cap wires, or explosive materials. The employer shall provide a second person to guide his movements.
- (g) No intransit mixing of materials shall be performed.
- (h) No repairs to bulk delivery or mixing vehicles shall be made unless it has been completely washed down and all oxidizer material removed.
- (i) When electric power is supplied by a self-contained motor generator located on the vehicle the generator shall be at a point separate from where the blasting agent is discharged.
- (j) The location chosen for the blasting agent transfer from a support vehicle into the borehole loading vehicle shall be away from the blast hole site when the boreholes are loaded or in the process of being loaded.
- (k) A positive action parking brake will set the wheel brakes on at least one axle shall be provided on vehicles when equipped with air brakes and shall be used during bulk delivery operations. Wheel chocks shall supplement parking brakes.

(Effective December 24, 1987)