WEST VIRGINIA CODE: §22A-2-37

§22A-2-37. Haulage roads and equipment; shelter holes; prohibited practices; signals; inspection.

(a) Use of haulage roads and equipment along with signals and inspection shall meet standards established by the U. S. Mine Safety and Health Administration. The roadbed, rails, joints, switches, frogs, and other elements of all haulage roads shall be constructed, installed, and maintained in a manner consistent with speed and type of haulage operations being conducted to ensure safe operation. Where transportation of personnel is exclusively by rail, track shall be maintained to within 1,500 feet of the nearest working face, except that when any section is fully developed and being prepared for retreating, then the track shall be maintained to within 1,500 feet of that retreat mining section if a rubber tired vehicle is readily available: Provided, That in any case where such track is maintained to within a distance of more than 500 feet and not more than 1,500 feet of the nearest working face, a self-propelled, rubber-tired vehicle capable of transporting an injured worker shall be readily available.

(b) Track switches, except room and entry development switches, shall be provided with properly installed throws, bridle bars and guard rails; switch throws and stands, where possible, shall be placed on the clearance side.

(c) Haulage roads on entries shall have a continuous, unobstructed clearance of at least 24 inches from the farthest projection of any moving equipment on the clearance side.

(d) On haulage roads where trolley lines are used, the clearance shall be on the side opposite the trolley lines.

(e) On the trolley wire or “tight” side, there shall be at least 12 inches of clearance from the farthest projection of any moving equipment.

(f) Warning lights or reflective signs or tapes shall be installed along haulage roads at locations of abrupt or sudden changes in the overhead clearance.

(g) The clearance space on all haulage roads shall be kept free of loose rock, coal, supplies, or other material: Provided, That not more than 24 inches need be kept free of such obstructions.

(h) Ample clearance shall be provided at all points where supplies are loaded or unloaded along haulage roads or conveyors which in no event shall be less than 24 inches.

(i) Shelter holes shall be provided along haulage entries. Such shelter holes shall be spaced not more than 105 feet apart, except when variances are authorized by the director with unanimous agreement of the Mine Safety and Technical Review Committee. Shelter holes

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shall be on the side of the entry opposite the trolley wire except that shelter holes may be on the trolley wire and feeder wire side if the trolley wire and feeder wire are guarded in a manner approved by the director. The MSHA-approved plan shall serve as the state-approved plan governing the use of shelters: Provided, That the MSHA-approved plan shall comply with all other provisions of state mining law as set forth in state code or code of state rules.

(j) Shelter holes shall be at least five feet in depth, not more than four feet in width and as high as the traveling space, unless the director with unanimous agreement of the Mine Safety and Technical Review Committee grants a waiver. Room necks and crosscuts may be used as shelter holes even though their width exceeds four feet.

(k) Shelter holes shall be kept clear of refuse and other obstructions.

(l) Shelter holes shall be provided at switch throws and manually operated permanent doors.

(m) No steam locomotive shall be used in mines where miners are actually employed in the extraction of coal, but this shall not prevent operation of a steam locomotive through any tunnel haulway or part of a mine that is not in actual operation and producing coal.

(n) Underground equipment powered by internal combustion engines using petroleum products, alcohol, or any other compound shall not be used in a coal mine, unless the equipment is diesel-powered equipment approved, operated and maintained as provided in §22A-2-1 et seq. of this code.

(o) Locomotives, personnel carriers, mine cars, supply cars, shuttle cars, and all other haulage equipment shall be maintained in a safe operating condition. Each locomotive, personnel carrier, barrier tractor, and other related equipment shall be equipped with a suitable lifting jack and handle. An audible warning device and headlights shall be provided on each locomotive and each shuttle car. All other mobile equipment, using the face areas of the mine, shall be provided with a conspicuous light or other approved device so as to reduce the possibility of collision.

(p) No persons other than those necessary to operate a trip or car shall ride on any loaded car or on the outside of any car. Where pusher locomotives are not used, the locomotive operator shall have an assistant to assist him or her in his or her duties.

(q) The pushing of trips, except for switching purposes, is prohibited on main haulage roads: Provided, That nothing herein shall prohibit the use of a pusher locomotive to assist the locomotive pulling a trip. Motormen and trip riders shall use care in handling locomotives and cars. It shall be their duty to see that there is a conspicuous light on the front and rear of each trip or train of cars when in motion: Provided, however, That trip lights need not be used on cars being shifted to and from loading machines, or on cars being handled at loading heads during gathering operations at working faces. No person, other than the motorman and brakeman, should ride on a locomotive unless authorized by the mine foreman, and then

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only when safe riding facilities are provided. An empty car or cars shall be used to provide a safe distance between the locomotive and the material car when rail, pipe, or long timbers are being hauled. A safe clearance shall be maintained between the end car or trips placed on side tracks and moving traffic. On haulage roads the clearance point shall be marked with an approved device.

(r) No motorman, trip rider, or brakeman shall get on or off cars, trips, or locomotives while they are in motion, except that a trip rider or brakeman may get on or off the rear end of a slowly moving trip or the stirrup of a slowly moving locomotive to throw a switch, align a derail, or open or close a door.

(s) Flying or running switches and riding on the front bumper of a car or locomotive are prohibited. Back poling shall be prohibited except with precaution to the nearest turning point (not over 80 feet), or when going up extremely steep grades and then only at slow speed. The operator of a shuttle car shall face in the direction of travel except during the loading operation when he or she shall face the loading machine.

(t) (1) A system of signals, methods, or devices shall be used to provide protection for trips, locomotives, and other equipment coming out onto tracks used by other equipment.

(2) In any coal mine where more than 350 tons of coal are produced on any shift in each 24-hour period, a dispatcher shall be on duty when there are movements of track equipment underground, including time when there is no production of coal. Such traffic shall move only at the direction of the dispatcher.

(3) The dispatcher's only duty shall be to direct traffic: Provided, That the dispatcher's duties may also include those of the responsible person required by §22A-2-42 of this code: Provided, however, That the dispatcher may perform other duties which do not interfere with his or her dispatching responsibilities and do not require him or her to leave the dispatcher's station except as approved by the Mine Safety and Technical Review Committee.

(4) Any dispatcher's station shall be on the surface.

(5) All self-propelled track equipment shall be equipped with two-way communications.

(u) Motormen shall inspect locomotives, and report any mechanical defects found to the proper supervisor before a locomotive is put in operation.

(v) A locomotive following another trip shall maintain a distance of at least 300 feet from the rear end of the trip ahead, unless such locomotive is coupled to the trip ahead.

(w) Positive stop blocks or derails shall be installed on all tracks near the top and at landings of shafts, slopes, and surface inclines. Positive-acting stop blocks or derails shall be used where necessary to protect persons from danger of runaway haulage equipment.

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(x) Shuttle cars shall not be altered by the addition of sideboards so as to inhibit the view of the operator: Provided, That the addition of or use of sideboards on shuttle cars shall be permitted if the shuttle car is equipped with cameras: Provided, however, That shuttle cars with sideboards as manufactured by an equipment manufacturer shall be permitted to be used without the use of cameras if permitted by the director.

(y) Mining equipment shall not be parked within 15 feet of a check curtain or fly curtain.

(z) All self-propelled track haulage equipment shall be equipped with an emergency stop switch, self-centering valves, or other devices designed to de-energize the traction motor circuit in the event of an emergency. All track-mounted trolley equipment shall be equipped with trolley pole swing limiters or other means approved by the Mine Safety and Technical Review Committee to restrict movement of the trolley pole when it is disengaged from the trolley wire. Battery powered mobile equipment shall have the operating controls clearly marked to distinguish the forward and reverse positions.

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