Federal Railroad Administration, DOT

§ 218.105 Additional operational requirements for hand-operated main track switches.

(a) Each railroad shall adopt and comply with an operating rule which complies with the requirements of this section. When any person, including, but not limited to, each railroad, railroad officer, supervisor, and employee violates any requirement of an operating rule which complies with the requirements of this section, that person shall be considered to have violated the requirements of this section.

(b) Designating switch position. The normal position of a hand-operated main track switch shall be designated by the railroad in writing and the switch shall be lined and locked in that position when not in use except when:

(1) The train dispatcher directs otherwise with respect to the position of a hand-operated main track switch and the necessary protection is provided; or

(2) The hand-operated switch is left in the charge of a crewmember of another train, a switchtender, or a roadway worker in charge.

(c) Additional job briefing requirements for hand-operated main track switches.

(1) Before a train or a train crew leaves the location where any hand-operated main track switch was operated, all crewmembers shall have verbal communication to confirm the position of the switch.

(2) In the case of exclusive track occupancy authority established under § 214.321, foul time under § 214.323, or train coordination under § 214.325, when a roadway worker qualified to operate hand-operated main track switches is granted permission by the roadway worker in charge to occupy or otherwise use the limits of the exclusive track occupancy, such employee receiving permission to occupy the working limits shall report the position of any such switches operated upon expiration of the authority limits to the roadway worker in charge or to a designated intermediary employee who shall convey the switch position to the roadway worker in charge.

(d) Releasing authority limits. In nonsignaled territory, before an employee releases the limits of a main track authority and a hand-operated switch is used to clear the main track, and, prior to departing the switch’s location, the following conditions are required:

(1) The employee releasing the limits, after conducting a job briefing in accordance with this subpart, shall report to the train dispatcher that the hand-operated main track switch has been restored to its normal position and locked, unless the train dispatcher directs that the hand-operated main track switch be left lined and locked in the reverse position and the necessary protection is provided;

(2) If the report of the switch position is correct, the train dispatcher shall repeat the reported switch position information to the employee releasing the switch.

route and that no equipment is fouling the switches:

(5) Visually determine that the points fit properly and the target, if so equipped, corresponds with the switch’s position;

(6) After operating a switch and before making movements in either direction over the switch, ensure that the switch is secured from unintentional movement of the switch points;

(7) Ensure that a switch is not operated while rolling and on-track maintenance-of-way equipment is fouling the switch, or standing or moving over the switch; and

(8) After operating a switch, ensure that when not in use, each switch is locked, hooked, or latched, if so equipped.

(c) Rolling and on-track maintenance-of-way equipment shall not foul a track until all hand-operated switches connected with the movement are properly lined, or in the case of hand-operated switches designed and permitted to be trailed through, until the intended route is seen to be clear or the train has been granted movement authority. When a conflicting movement is approaching a hand-operated switch, the track shall not be fouled or the switch operated.

(d) When rolling and on-track maintenance-of-way equipment has entered a track, the hand-operated switch to that track shall not be lined away from the track until the equipment has passed the clearance point of the track.
limits and ask whether that is correct; and
(3) The employee releasing the limits shall then confirm to the train dispatcher that this information is correct.

§ 218.107 Additional operational requirements for hand-operated crossover switches.

(a) Each railroad shall adopt and comply with an operating rule which complies with the requirements of this section. When any person including, but not limited to, each railroad, railroad officer, supervisor, and employee violates any requirement of an operating rule which complies with the requirements of this section, that person shall be considered to have violated the requirements of this section.

(b) Hand-operated crossover switches, generally. Both hand-operated switches of a crossover shall be properly lined before rolling and on-track maintenance-of-way equipment begins a crossover movement. A crossover movement shall be completed before either hand-operated crossover switch is restored to normal position.

(c) Correspondence of hand-operated crossover switches. Hand-operated crossover switches shall be left in corresponding position except when:
(1) Used to provide blue signal protection under § 218.27 of this part; or
(2) Used for inaccessible track protection under § 214.327 of this chapter; or
(3) Performing maintenance, testing or inspection of crossover switches in traffic control system (TCS) territory; or
(4) One crew is using both tracks connected by the crossover during continuous switching operations.

§ 218.109 Hand-operated fixed derails.

(a)(1) Each railroad shall adopt and comply with an operating rule which complies with the requirements of this section. When any person including, but not limited to, each railroad, railroad officer, supervisor, and employee violates any requirement of an operating rule which complies with the requirements of this section, that person shall be considered to have violated the requirements of this section.

(b) Each railroad shall specify minimum requirements necessary for an adequate job briefing.

(b) General. (1) The normal position of fixed derails is in the derailing position except as provided in part 218, subpart B of this chapter, or the railroad’s operating rules or special instructions.

(2) Fixed derails shall be kept in the derailing position whether or not any rolling and on-track maintenance-of-way equipment is on the tracks they protect, except as provided in paragraph (b)(1) of this section or when changed to permit movement.

(3) Movement must not be made over a fixed derail in the derailing position.

(c) Employees operating or verifying the position of a fixed derail shall:
(1) Conduct job briefings, before work is begun, each time a work plan is changed, and at completion of the work;
(2) Be qualified on the railroad’s operating rules relating to the operation of the derail;
(3) Be individually responsible for the position of the derail in use;
(4) Determine that the target, if so equipped, corresponds with the derail’s position;
(5) Determine that the derail is secured by:
(i) Placing the throw lever in the latch stand, if so equipped;
(ii) Placing the lock or hook in the hasp, if so equipped; and
(iii) Testing such latches, locks or hooks; and
(6) Ensure that when not in use, derails are locked, hooked, or latched in the normal position if so equipped.