
Morenci Passing Procedure Addendum– Updated July 2025

Green Light Passing Option

Passing Policy – Overview: Passing mobile equipment at some point during our day is essential to mining operations. FCX-23 [“Interaction with Heavy Mobile Equipment – Surface”](#) P.12 Section 3.5 defines the current passing procedures. The purpose of the passing procedure in the FCX-23 policy is to ensure communication is established between operators to prevent unsafe interaction between equipment scenarios such as (but not limited to); collision with oncoming equipment and collision with equipment turning in front of you as you try to pass them.



What is changing?

Morenci is introducing a new procedure for passing equipment using a green light on the back of the equipment without the need for radio communication.

Why is this change being made to the passing procedure in Morenci?

- To expedite communication between equipment operators where passing is required. The new procedure will free up two-way radio channel availability as well as reduce equipment bunching in areas of elevated accident potential, such as blind curves and over crests.
- To provide a positive communication method using a visual cue to prevent misinterpretation of equipment numbers on the two-way radio.

Who will the change impact?

The new procedure will affect EVERYBODY that enters the Morenci Mine. Communication of this change will be delivered through flyers, tailgate meetings, email distribution groups, and various digital platforms (VNet, info4you, others).

When does this change take effect?

- The go-live date to have the new passing procedure in place is 08/01/2025.
- This procedure is being implemented first on motor graders followed by additional support equipment.
- The green lights will not be installed on haul trucks, water trucks, or lowboys at this time and the no passing policy is still in effect for those units.

How does the new passing procedure work?

Green Light Passing Procedure 08/01/2025:

Summary – You would pass support equipment the same way with the new procedure as you would in the old procedure. The only difference is that the green light is being added as an option to establish communication to allow permission to pass.

If you are ever in doubt about the new passing procedure or if the equipment you intend to pass is not equipped with a green light, call to verify permission to pass on the two-way radio as we do today.

See scenarios below for instruction.

Scenario 1.

- A light vehicle is approaching a motor grader with the intent of passing.
- The motor grader operator sees the approaching vehicle behind them in the mirror. The motor grader operator evaluates the situation and has determined that it is safe for the light vehicle to pass. The motor grader operator presses the green light activation switch for a few seconds or until the light vehicle begins to pass.
- The light vehicle operator sees the green light and evaluates again that it is still safe and proceeds to pass the motor grader.

Scenario 2.

- A light vehicle is approaching a road compactor with the intent of passing.
- The road compactor operator does not see the approaching vehicle behind them as they operate.
- The light vehicle operator reverts to the two-way radio passing procedure by positively identifying their truck number followed by requesting to pass the road compactor equipment number.
- The road compactor operator evaluates the situation and has determined that it is safe for the light vehicle to pass. The road compactor operator presses the green light activation switch for a few seconds or until the light vehicle begins to pass.
- The light vehicle operator sees the green light and evaluates again that it is still safe and proceeds to pass the road compactor.

Scenario 3.

- A rubber tire dozer is approaching an auxiliary loader with the intent of passing.
- The auxiliary loader operator sees the approaching rubber tire dozer behind them in the mirror. The auxiliary loader operator evaluates the situation and has determined that it is safe for the rubber tire dozer to pass. The auxiliary loader operator presses the green light activation switch for a few seconds or until the rubber tire dozer begins to pass.
- The rubber tire dozer operator sees the green light and evaluates again that it is still safe and proceeds to pass the water truck.

Scenario 4.

- A service truck is approaching a rubber tire dozer with the intent of passing.
- The rubber tire dozer operator sees the approaching service truck behind them in the mirror. The rubber tire dozer operator is aware that their green light is not working and waits to hear the request to pass on the two-way radio.
- The service truck operator reverts to the two-way radio passing procedure by positively identifying their truck number followed by requesting to pass the rubber tire dozer equipment number.
- The rubber tire dozer operator hears the request on the two-way radio. The rubber tire dozer operator evaluates the situation and has determined that it is safe for the service truck to pass. The rubber tire dozer operator ensures their blue light is switched off. The rubber tire dozer operator announces their rubber tire dozer number giving permission for the service truck number to pass.
- The service truck operator evaluates again that it is still safe and acknowledges the message on the two-way radio by announcing their service truck number is passing the rubber tire dozer number.

For more information or questions please reach out to the Mine Technical Training Department.