

WELCOME



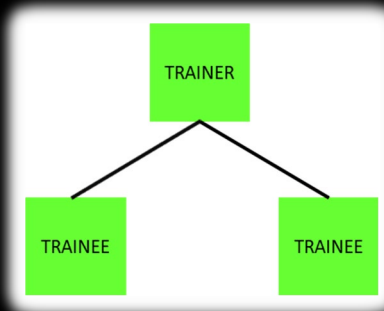
2024 Public Works
Operations & Fleet Maintenance Seminar



LEARNING OBJECTIVES

- **Perform pre- and post-trip inspections**
- **Identify vehicle defects**
- **Operate the vehicles primary and secondary controls**
- **Demonstrate driving/operating proficiency**
- **Practice safe operating procedures**
- **Best Practices in Snow & Ice Control**

TRAIN THE TRAINER EVENT



- **Trainer will be in truck with Trainee**
- **1 trainee in drivers seat – other trainee resetting the course**
- **Switch Trainees at STOP SIGN**
- **NOT A COMPETITION**
 - **LEAVE ROOM BEHIND THE DRIVER IN FRONT OF YOU**
- **TRAINER – time for you to inform trainees**
 - **of your municipalities rules** (blades grounded before exiting truck, etc.)
 - **of your trucks equipment** (def fluid, regens, controls, etc.)

PRE/POST-TRIP INSPECTIONS



SPOT

Snow Plow Operator Training



MICHIGAN CHAPTER
& DETROIT METRO BRANCH





Snow Plow Operator Training



Motor Carrier Officer Doug Dawdy
Commercial Vehicle Enforcement Division
Michigan State Police

DOT RULES

Chauffeurs Driver's License

- Vehicle is rated (GVWR) for 10,000 LBS or more.
AND
- Principle purpose of job is driving.

Flashing Lights

- ▣ Michigan Compiled Law 257.698 Flashing, oscillating, or rotating lights.
- ▣ Sec. 698.
- ▣ (f) ... This subdivision does not prohibit the operator of a vehicle utilized for snow or ice removal under section 682c that is equipped with flashing, rotating, or oscillating amber lights from activating the flashing, rotating, or oscillating amber lights when that vehicle is traveling between locations at which it is being utilized for snow or ice removal.
- ▣ **Translation:**
 - ▣ **Flashing lights can stay on between locations.**

DOT RULES

- Federal Motor Carrier Safety Administration Regulations.
- Michigan Traffic Laws.

How They Apply To You

BEST PRACTICES

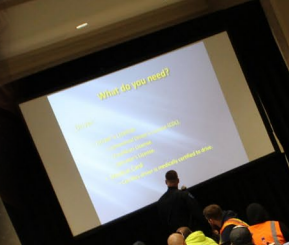


SPOT

Snow Plow Operator Training



FRONT PLOW COMPONENTS



ANTI-ICING

DE-BONDING

TIMING + MATERIALS + PROPER APPLICATION



Applying liquid chemicals to the road surfaces before a snow storm
prevents bonding of ice or hard pack to road
Best results are achieved with 35 – 50 gallons per ton
Ineffective if storm comes in as heavy rain or sleet
Choose the right liquid /blend for the forecast



Michigan Department of Environment, Great Lakes, and Energy

"EGLE"

Chloride and Sulfate Water Quality Values Implementation Plan 10/20/20

- Revised February 2021

"We've actually reduced by about half the salt spread rates on our trucks, from 400 pounds of salt per lane mile to 200 pounds of salt per lane mile," he said.
Craig Bryson, spokesman for the Road Commission for Oakland County,
Detroit Free Press April 2017.

MS4 permits currently include requirements to reduce the discharge of pollutants associated with cold weather operations, including salt application, salt storage, and strategic street sweeping to remove excess salt. Based on recent data, the current procedures developed and implemented by an MS4 permittee may not be sufficient to address the impacts of existing and future elevated chloride levels on aquatic life.

<https://www.michigan.gov/-/media/Project/Websites/egle/Documents/Programs/WRD/NPPES/chloride-sulfate-implementation-plan.pdf?rev=07c3a64eed2d49a6aee7130e9a1161634>



Direct Liquid Application for a dusting or light accumulation



Course Training



ENTER

DEFECT TRUCK

PARTNER DISPLAYS

CHANGE DRIVER POINT

Course Map

CAUTION TAPE = 1

SPINNER - 30 

CONE - 100 

TYPE III - 4 

BARREL - 90 

MAILBOX - 10 

STOP - 1 



DEFECT TRUCK



DEFECT TRUCK

- At least 10 defects to be found
- To be done individually – NOT AS A TEAM
- DO NOT START THE DEFECT TRUCK!
- Turn in your forms no later than 2:30pm
- 1 winner from Operations
- In the event of a tie :
 - we will put those names in a hat and draw a winner
- Winner to receive a gift card



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