

Michigan Manure Haulers Certification and Performance Standards
Checklist for Equipment Certification
Gold Level of Performance

Current as of August 7, 2020

This is information you will need to have and the standards you will need to meet for your inspection. Several areas require additional documentation (for example, calibration of tankers, flow meters, etc.). For flow meters, attach a copy of the form provided by the firm doing the calibration. For tankers, a written record of the required information is sufficient. Forms should be submitted once every calendar year.

Equipment Operated

- Liquid tankers (includes, but not limited to: tractor pulled, straight trucks, semis)
 - Method of manure application
 - Top dress
 - Deep injection
 - Shallow injection
 - Incorporation (rolling tines or coulters)
 - Description _____
 - Equipment serial number/VIN/other ID _____

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 - Top dress
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- Draglines (includes, but not limited to hose, hard hose and pipe systems, irrigators)
 - Description _____
 - Equipment serial number/VIN/other ID _____
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- Equipment serial number/VIN/other ID _____

(Duplicate requested information for each piece of equipment)

GOLD LEVEL OF PERFORMANCE

General Requirements

- Farm or firm has received the Silver Level of Performance designation.
- All liquid application in the field is metered with a flow meter.
- Accurate as-applied maps are provided to the farmer for every field.

Liquid tankers

- Fill Ports
 - Top loaded fill ports have a mechanical lid; a slide lid, an air locking/ hydraulically locking lid, or other mechanical means of containing the load.
 - Bottom loading tankers use a cap to seal the loading pipe during transport.
- Spread patterns
 - A uniform spread pattern is achieved across the entire field, via splash plate or mechanically operated splash pan, throughout the unloading process, at a set travel rate. Attach description of how the spread pattern is achieved.
 - A uniform spreading pattern is achieved across the entire field with a combination of driver training and spreading technique. Attach explanation of training and technique.
- All truck tankers/trucks are able to pass a MDOT inspection.

Drag hose systems

- Each flow meter has been calibrated once in the last 12 months, using an approved method and variance is within manufacturer's specifications. Documentation is attached to this form, and includes date, operator name, equipment serial number, and calibration information.
- Draglines are patrolled at least once every 30 minutes to check for leaks and problems by an employee who is currently certified as having completed Level 1 of the Michigan Manure Hauler Certification Program.