

**Michigan Manure Haulers Certification and Performance Standards**  
**Checklist for Equipment Certification**  
**Silver 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.

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

(Duplicate requested information for each piece of equipment)

## **SILVER LEVEL OF PERFORMANCE**

### **General Requirements**

- Farm or firm has received the Bronze Level of Performance designation.

### **Liquid tankers**

- Discharge pipes have a tight sealing valve.
- Fill hole has a lid or other means of minimizing splash while in transport or spills in a rollover.
  - Butterfly lid
  - Valve/Sealed system
  - Other \_\_\_\_\_
- Equipment spreads a uniform spread pattern of a minimum of 8 feet wide, via splash plate, throughout the unloading process (from the time opening the valve to the closing of valve), at a set travel rate.

### **Drag hose systems**

- Each flow meter has been calibrated once in the last 24 months, using an approved method and variance is within manufacturer's specifications. Documentation is attached to this form. It includes date, operator name/firm, equipment serial number, and calibration information.
- Draglines are patrolled on a scheduled basis by a current Michigan Manure Hauler Certification Program Level 1 certified employee to check for leaks and problems.
- Draglines have valves at a regular frequency or hose pinchers are readily available.