

Fleet Maintenance Training Series

Preventive Maintenance Inspection Training



Course length – 2 days

Prerequisites – None

Typical class size – 4 to 6 individuals

Instructors – one

Course Summary

Preventive Maintenance Inspection training includes both lecture (theory) and practical (hands-on) training formats at your location. This 2 day Preventive Maintenance class is designed to give your technicians the training they need to identify problems in your shop before they become problems for you and your customers on the road. PM Inspections are a large part of a good Preventive Maintenance Program. The best way to perform a PMI is by utilizing a trained inspector that understands the need for inspections and the proper procedure to perform a quality inspection.

By performing quality Preventive Maintenance inspections you can ensure the operation of safe, road worthy vehicles and lower maintenance costs by reducing repairs between PM and vehicle breakdowns. Quality PMIs taught and demonstrated in this training will also have a positive impact on productivity and customer satisfaction. By providing this training to your inspectors you will standardize the way PMIs are performed and increase the quality of your inspection through proper inspection procedures.

Course Topics

PMI items that will be covered during the training:

- PMI Needs
- A formal PMI Policy
- The proper tools
- A properly equipped area to perform the inspection
- Safety in the work place
- PMI Philosophy
- PMI Work sheet
- Air Brake Basics
- Air System Basics
- Air System Identification
- Air Brake Inspection Items
- In-cab Inspection
- Circle Inspection
- Tire and Wheels Inspection
- Engine Compartment Inspection
- Chassis & Undercarriage Inspection

Course Deliverables

Training Goals:

1. Attendee will be made aware of PMI Philosophy and how it influences vehicle running cost and customer satisfaction
2. Attendee is familiarized with the PM inspection sheet and demonstrates their understanding
3. Review and discuss all PMI inspection items
4. Review and practice documenting follow-ups with clarity
5. Attendee will demonstrate their awareness to the overall vehicle condition and not limit inspection to only the inspection tasks
6. Attendee to demonstrate his/her understanding and ability to perform the more complex PMI inspection procedures
7. Attendee will demonstrate the proper use of specialty tools used during the PMI
8. Attendee will be made aware of proper safety precautions when performing a PMI

Client Responsibilities

In order for this training to be effective, the client will need to provide the following powered equipment, basic tools, and an appropriate shop and training environment:

Shop Needs:

- Clean and uncluttered area in the shop with adequate lighting to be utilized during the practical portion of the training.
- Three vehicles to be utilized during the training...

2 Tractors (w/air brakes)

1 straight truck (air or hydraulic brakes)

Tools:

- Access to basic hand tools
- Workbench located near the training vehicles
- Kriket gauges I and II
- Refractometers
- Tire square
- 6" scale
- Soap stone marker
- Coolant test strip kits
- Brake gauges
- Light cord testers and 7-hole socket cleaners
- Lube Dispensers
- Lifting Equipment (Jacks, Jack Stands)
- PMI Supplies (Filters, Light Bulbs etc...)
- Safety equipment for all participants
- Safety glasses
- Wheel chocks
- Creepers
- Flash lights
- Rags
- Necessary lubricants
- All necessary inspection forms and reminder stickers

Class Room:

Adequate classroom space free of distractions to include:

- Presentation projector (notify Fleet Group in advance if we need to provide the projector)
- Projector screen
- Dry erase board w/markers of various colors (flip chart if dry erase board is not available)
- Seating and table for all participants and trainer
- Catered lunch for each day
- The names of each participant at least 6 days prior to the training session