



# **SAFETY COMPLIANCE & TRAINING LLC**

## **COMMERCIAL VEHICLE & BRAKE INSPECTOR TRAINING**

### **DAY 1: 9:00 AM – 5:00 PM**

(1) Federal and State Commercial Inspection Requirements

(2) Introduction to Vehicle Inspections

#### **Lunch**

(3) Interior Vehicle Inspection

(4) Vehicle Exterior Inspection

8:00 AM – 10:00 AM

10:00 AM – 12:00 PM

**12:00 PM – 1:00 PM**

1:00 PM – 3:00 PM

3:00 PM – 5:00 PM

### **DAY 2: 9:00 AM – 5:00 PM**

(5) Vehicle Inspection – Lamps | Reflectors | Reflective Sheeting

(6) Vehicle Inspection – Tires | Wheels | Rims | Hubs

#### **Lunch**

(7) Vehicle Inspection – Brake Systems

(8) Vehicle Inspection – Frames | Driveline & Driveshaft

(9) Vehicle Inspection – Engine | Steering System | Suspension System

8:00 AM – 11:00 AM

11:00 AM – 12:00 PM

**12:00 PM – 1:00 PM**

1:00 PM – 3:00 PM

3:00 PM – 4:00 PM

4:00 PM – 5:00 PM

### **DAY 3: 8:00 AM – 12:00 PM**

(10) Practical Training

8:00 AM – 12:00 PM



## **COURSE TOPICS**

**(1) Federal and State Commercial Inspection Requirements** – The participants will learn the differences between federal and state inspections and which vehicles they will be qualified to inspect. The participants will learn the required qualifications and duties for vehicle and brake inspectors.

**(2) Introduction to Vehicle Inspections** – The participants will learn about the different governing bodies for vehicle equipment inspection and standards including FMCSA, CVSA, and NHTSA. The participants will learn about the administrative policies covering inspections. The participants will learn about inspectors, inspection levels, and how violations affect companies and drivers. The participants will learn about the DataQ Program and Adjudicated Citation Policy.

**(3) Interior Vehicle Inspection** – The participants will learn about the following internal inspection items inside the cab: Unauthorized Passengers – Driver Seats – Seatbelts – Sleeper Berths – Heaters – TV Receivers – Emergency Equipment (Triangles & Fire Extinguishers) – Air Reservoir Gauges / Low Air Warning Devices – ABS – Radar Detectors

**(4) Exterior Vehicle Inspection** – The participants will learn about the following external components: Windshield Wiping / Washing System – Horn – Hood – Cab – DOT Vehicle Markings – Fuel Systems – Air Reservoirs – Coupling System (Fifth Wheel / Kingpin) – Exhaust Systems – Mud Flaps – Rear Impact Guards (Trailers).

**(5) Vehicle Inspection – Lamps, Reflectors and Reflective Sheeting** – The participants will learn about the required lamps, reflectors, and reflective sheeting requirements for all vehicle types.

**(6) Vehicle Inspection – Tires, Wheels, Rims, and Hubs** – The participants will learn about the inspection criteria for tires, wheels, rims, and hubs.

**(7) Vehicle Inspection – Brake System** – The participants will learn about the following brake component systems : Brake Adjustment Process including 20% Criterion – Emergency Brake (Tractor Protection / Breakaway Devices) – Brake Tubing and Hoses – Slack Adjusters – Brake Linings – Drums.

**(8) Vehicle Inspection – Frames / Driveline Components** – The participants will learn about the inspection criteria for frame systems, drivelines, and driveshaft components.

**(9) Vehicle Inspection – Engine Area Components** – The participants will learn about the following engine area components under the hood: Air Lines (Firewall) – Fuses – Engine – **Steering Systems** (Power Steering / Steering Column / Gear Box / Pitman Arm / Drag Link / Tie Rod) – Axle Positioning – **Suspension System** (Axles – Leaf Springs – Coil Springs – Torsion Bars – Adjustable Axles – Air Suspension Assembly).

**(10) Practical Inspection Training** – The participants will conduct hands-on practical inspection training on a truck and trailer.