

ELECTRIC SCHOOL BUS SAFETY INSPECTION FORM

Bus: _____ Mileage: _____ Capacity: _____
 Date: _____ Chassis/Body: _____ Model Year: _____
 School District: _____

Status Codes: \checkmark = item is OK; X = item needs repair or as noted; O = out of service; N/A = Not Applicable			
Status Code	INSPECTION ITEMS	COMMENTS (Note Specific Deficiencies)	Tech. Initials
A. INSIDE BUS			
1.	Emergency Equipment - Fire Ext., First Aid Kit, Body Fluid Cleanup Kit, and Reflectors		
2.	Registration and Insurance Card		
3.	Neutral Safety Switch, Shifter, and Noise Abatement Switch		
4.	Engine Controls - Key Switch, Accelerator		
5.	Gauges, Indicators, Dash and Switch Panel Lights, Engine Warning Lights/Buzzers, ABS Warning Light, Check instrument panel display for state of charge		
6.	Air Brake System - Gauge(s), Build-Up, Governor, Park Brake, Adjustment, Air Leaks, Low Air Warning, PP-1 Pop-Off and Pedal		
7.	Hydraulic Brakes - Warning Light, Gauge, Pedal Travel and Fade, Power Assist and Park Brake		
8.	Windshield Wipers and Washers - Operation, Park, and Blades		
9.	Heaters, Defrosters, Auxiliary Dash, Header Fan(s), & Heater amber switch to verify function		
10.	Dome and Step Well Lights		
11.	Service Door - Operation, Control and Overhead Pad		
12.	Horns		
13.	Mirror Adjustment and Condition - Rear vision, Cross-view, Side-view and Interior		
14.	Driver's Seat and Seat Belt, seat belt interlocks if equipped		
15.	Passenger Seats - Frames, Mounting, Pads, Cuts, Bottoms, Modesty Panels, Stanchions, Restraining Barriers, Passenger Securement Devices, & Webbing Cutter		
16.	Emergency Doors, Windows, Hatches and Passenger Check System - Operation, Buzzers, Labeling and Overhead Pad		
17.	Windshield, Side and Rear Windows - Cracks, Fogging, Latches and Visor		
18.	Wheelchair Lift, Door, and Securement System - (if equipped)		
19.	Two-Way Radio,		
20.	Interior Wiring, Cab Hoses and Fire Wall Seals		
21.	General Condition of Bus Interior - Floor, Step well, Grab Rail(s), Paneling, Broom Mounting, Loose Objects Secured and Engine Cover		
B. OUTSIDE BUS			
1.	Headlights, Turn Signals, Hazard, Brake, Tail, Backup Lights, Backup Alarm and Park Lights		
2.	Clearance, Side Marker, ID Lights, Reflectors and Strobe Light		
3.	Pupil Warning Lights		
4.	Stop Arm(s) and Student Crossing Arm - Wiring, Air or Vacuum Leak and Decal		
5.	General Condition of Bus Exterior - Mirrors, Bumpers, Body Damage, Paint Reflective Marking, Lettering, Emergency Door, Engine Hood, Cleanliness, Charge port door & cover free of debris. Charge port park brake interlock		
C. UNDER HOOD COMPARTMENT			
1.	Steering - Play, Column, Steering Gear Box Mounting, Pitman Arm, Drag Link, Steering Arm, Tie Rod & Ends and Idler Arm		
2.	Batteries 12v only - Hold Down, Terminals, Cables, Cleanliness, Slide Tray & battery disconnect switch-		
3.	Fluid Levels and Condition - Power Steering, Windshield Washer, Coolant		
4.	Belts and All Hoses – Connections, Tightness, Condition, Routing and Belt Alignment		
5.	Accessory Mounting and Condition – Electric P/S Pump, Air Comp. & Filter		

	6. Wiring - Routing and Condition		
	7. Fuel System Not Applicable		
	8. Radiator - Check all coolant connections on HV invertors, TMS, radiator, filter and coolant reservoir.		

Form 2024-EBIF

Stats Code	INSPECTION ITEMS	COMMENTS (Note Specific Deficiencies)	Tech. Initials
D. UNDERNEATH BUS			
	1. Front Suspension - I-Beam, U-Bolts, Springs, Spring Mounts, Shackles, Pins and Bushings, Shocks, Kingpins, Wheel Bearings, Seals, A-Frames, Bushings, and Ball Joints		
	2. Front Brakes - Hoses, Lines, Chambers, Slack Adjusters, Pushrods, Linings, Drums, Rotors and Wheel Cylinders or Calipers. Check and Adjust MSA-Equipped Brakes. Do Not Adjust ASA-Equipped Brakes. Disc Brakes		
	3. Mounts - Check Mount Hardware to Frame of HV pack, Main drive Motor and mounting Bolts		
	4. Powertrain Check all main ground cables to TMS and Bulkhead connections. Check all connections to HV invertors & TMS		
	5. Fluid Leaks - Check all coolant connections on TMS, radiator, reservoir, connection(s) to battery pack and booster pump mounting and power steering fluid connections		
	6. Brake Equipment – ABS, Lines, Valves, Reservoir Mounting and Bleed Reservoirs		
	7. Driveline - Shafts, U-Joints, Yokes, Hanger Bearings, Guards Driveshaft and Park brake		
	8. Rear Suspension - Axle Housing, Vent, Differential, Springs, U-Bolts, Shocks, Spring Shackles, Pins and Bushings, Hangers, Seals and Wheel Bearings		
	9. Rear Brakes - Hoses, Lines, Chambers, Slack Adjusters, Pushrods, Linings, Drums, Rotors and Wheel Cylinders or Calipers. Check and Adjust MSA-Equipped Brakes. Do Not Adjust ASA-Equipped Brakes. Disc Brakes		
	10. Body Securement and Structure - Hold Downs, Floor, Outriggers, Braces, Skirts, Mud Flaps and Chassis Frame Rails		
	11. Exhaust System Not Applicable		
	12. Wheels and Tires - Tread Depth, Pressure, Damage, Matching, Alignment and Wheel Hardware		
E. LUBRICATION & MAINTENANCE: N/A			
F. ROAD TEST			
	1. Brake Performance - Park Brake, Stopping Distance and Equalization, Check and verify Regenerative braking is activating and working, must be below 90% state of charge for braking to engage.)		
	2. Powertrain Verify that the efficiency gauge is working		
	3. Steering and Handling -Free Play, Power Assist, Column, Tracking and Turning Radius		

NOTE: Follow the manufacturer’s inspection and maintenance procedures for any equipment not noted on this form.

Driver Signature: _____ Printed Name: _____ Date: _____

Supervisor Signature and Date Received: