VEHICLE SEARCH INSPECTION CHECKLIST

GENERAL INFORMATION

Name: _____

Date: _____

Location: _____

Engine Compartment and Fluid Levels

☐ Yes ☐ No — Engine oil, transmission fluid, and engine coolant levels are within normal fill lines

☐ Yes ☐ No — Power steering fluid reservoir is filled and hydraulic pump lines show no active leaks

☐ Yes ☐ No — Serpentine accessory drive belts have proper tension and show no cracking or fraying

☐ Yes ☐ No — Radiator hoses, heater lines, and air intake tubes are securely clamped without soft spots

Steering Linkage and Front Axle Suspension

☐ Yes ☐ No — Steering gear box mounting bolts are tight with no hydraulic fluid seepage around shaft seal

☐ Yes ☐ No — Pitman arm, drag link, tie rod ends, and steering knuckles have intact cotter pins with minimal play

☐ Yes ☐ No — Front leaf springs show no cracked, missing, or shifted leaves with U-bolts properly torqued

☐ Yes ☐ No — Front shock absorbers are firmly mounted and show no hydraulic fluid leakage

Air Brake System and Slack Adjusters

☐ Yes ☐ No — Brake chamber pushrod travel is within legal limits when brakes are applied manually

☐ Yes ☐ No — Brake shoe lining friction pads have at least 1/4 inch thickness with no oil or grease soaking

☐ Yes ☐ No — Brake drums and disc rotors show no severe heat cracks, grooving, or mechanical distortion

☐ Yes ☐ No — Air brake hoses, gladhands, and rubber grommets show zero audible air leaks during test

Commercial Tires, Wheels, and Rim Hardware

☐ Yes ☐ No — Steer tires maintain at least 4/32 inch tread depth and drive/trailer tires have at least 2/32 inch

☐ Yes ☐ No — Tire cold inflation pressures match fleet specifications with valve stem metal caps in place

☐ Yes ☐ No — Wheel lug nuts are present and tight with no rust streaks or shiny metal indicating looseness

☐ Yes ☐ No — Wheel steel/aluminum rims show no cracks, weld repairs, or bead flange deformation

Coupling System, Fifth Wheel, and Trailer Connections

☐ Yes ☐ No — Fifth wheel skid plate is properly greased with mounting brackets firmly bolted to frame

☐ Yes ☐ No — Fifth wheel locking jaws are fully closed and securely latched around trailer kingpin shank

☐ Yes ☐ No — Release handle is in locked position with secondary safety lock engaged

☐ Yes ☐ No — Electrical 7-way cord and air supply lines are suspended with zero dragging on catwalk

Lighting, Reflective Demarcation, and Emergency Gear

☐ Yes ☐ No — Headlights (low and high beams), turn signals, marker lamps, and tail lights illuminate cleanly

☐ Yes ☐ No — DOT C2 red and white retroreflective sheeting covers at least 50% of trailer sides and rear

☐ Yes ☐ No — Cab contains 3 undamaged red reflective emergency warning triangles

☐ Yes ☐ No — In-cab fire extinguisher is securely mounted with valid inspection tag and gauge in green zone

FINAL NOTES

Inspector Comments:

_____

_____

_____

Inspector Name: _____

Inspector Email: _____

Inspection Date: _____

☐ **I confirm this inspection was completed accurately**

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