



VACUUM INSPECTION CHECKLIST

Date:

Job Number:

Make/Model:

Unit Number:

Engine Hours:

ENGINE COMPARTMENT	OK	SERVICE	REPLACE	COMMENTS
Radiator Coolant / Cooling System				
Engine Oil				
Blower Oil				
Hydraulic Fluid				
Fuel Tank				
Primary Air Filter				
Secondary Air Filter				
Instrument Gauges				
Leaks				
Belt Tension				
Fan Assembly				
Battery & Connections				
Air Compressor Governor				
Control Panel				
GENERAL ITEMS	OK	SERVICE	REPLACE	COMMENTS
Fire Extinguisher				
Parking Break				
Tires - Rims - Lugs				
Hitch - Neck				
Blower Hose				
Vibrators / Oilers				
Bags & Micron Filter				
Drain Valves (3)				
Lights				
Cyclone Arms / Struts				
Vibrators / Oilers				

GENERAL ITEMS	OK	SERVICE	REPLACE	COMMENTS
Bags & Micron Filter				
Drain Valves (3)				
Lights				
Cyclone Arms / Struts				
SUPPLY BOX INVENTORY	OK	SERVICE	REPLACE	COMMENTS
Filter Bags (37 each)				
Micron Filter (1 each)				
Fuel Filter (2 each)				
Blower Belts (5 each)				
Serpentine Belt (1 each)				
Locked				

Notes / Repairs

Inspector's Signature

Superintendent's Signature

Vacuum Inspection Checklist

Engine Oil	Use dipstick, oil level should be within marked acceptable range. Note any addition or overfill of oil, visually note oil color or discoloration, full oil change every 300 hours.
Radiator Coolant	Engine off & cool, Remove cap visually check cap for damage, check level, note any addition of fluid. Fill only to slightly above the deflector plate. Do not over fill, Full fluid change every 2000 hours.
Blower Oil	Check 2 sight glasses on side of blower. Oil should fill ½ of glass and clear. Visually note oil color, note any addition of fluid, full oil change every 300 engine hours.
Hydraulic Fluid	Should be ½ to ¾ full, do not over fill. Note if contaminated - note addition of fluids
Air Compressor Governor	Vent compressor - Remove Governor, disassemble clean & replace, test for 120 lbs, note any damage.
Fuel Tanks	Remove Cap - Check for damage and keeper chain, note level if near empty.
Air Cleaner Cartridge	Visually inspect air flow indicator, note reading (with engine running). Remove cartridge - clean housing of any debris, back flow filter with low pressure air, Replace with new as needed.
Battery Connections	Check tightness and secure at both ends of cable - Remove any corrosion material. Report any Damage.
Instrument Gauges	Make sure all gauges are working, magnehelic gauges at microfilter & baghouse test for proper readings. ENGINE MUST BE RUNNING.
Leaks	Perform a visual inspection for any fluid leaks, note and repair any leaks, add fluid to proper levels.
Belt Tension	With engine OFF, Press down on each of the 5 belts, there should be no more than an inch of play, note if adjustment is needed, replace as needed.
Fire Extinguisher	Should be mounted securely, correct pressure, current inspection tag.
Parking Break	Make sure brake is engaged. (100% Operational Test, Report Damage)
Tires - Rims - Lugs	Make sure tires are inflated to correct PSI, check for dry rot, cuts, cracks, and wear. Check rims for cracks or other damage. Check lugs to make sure all are tight, tighten to 100lbs torque, report wear or damage.
Hitch - Neck	Make sure hitch/neck is tight, no loose bolts, no cracks or visible stress.
Blower Hose	Hose to have no kinks or wear damage, clamps must be secure.
Vibrator Secure	Make sure both vibrators are secure, tight, oilers secure and at correct liquid levels, check for leaks
Break Away	Pull breakaway - test for brake lock, repair and replace.
Lights	Visual inspection for damage to lights, replace missing lens caps, complete light test with "Tow Dr."
Cyclone Arms / Struts	Visual inspection to check for damage / bending to any of the hydraulic arms or struts, replace missing pins & keepers
Strands	Stands should be down and pinned, check for damage, replace pins & keepers
Vacuum	Run motor - engine blower test 6" outlet at cyclone vacuum to 16" of water
Air Drier	Inspect filter, clean & replace as needed, clean pet cock and check hoses for leaks