

Telecom Aerial Lift / Bucket Truck Inspection Checklist

Site / Project	_____	Address	_____
Inspector name	_____	Company	_____
Date	_____	Time	_____

Documentation aid only. Adapt this resource to the site, manufacturer instructions, and applicable local requirements. It does not replace a competent person, professional judgment, legal advice, or a required statutory form.

Inspection checklist

Mobile Equipment (Bucket Truck) Inspection

☐ Check tire pressure against manufacturer's specifications. All tires must be evenly inflated. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Inspect engine oil, coolant, hydraulic fluid, and brake fluid levels. Refill as needed. (Manufacturer's Specs)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Verify all lights (headlights, taillights, brake lights, turn signals, hazard lights) and audible signals (horn, backup alarm) are functioning correctly. (OSHA 1910.67)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Inspect steering mechanism for excessive play or binding. Ensure smooth and responsive steering. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Test service brakes and parking brake functionality. Service brakes must provide smooth, even stopping power. Parking brake must hold the truck on an incline. (OSHA 1910.67)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Ensure windshield wipers and washers are operational and provide clear visibility. (Local DOT Regulations)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Inspect mirrors for damage and ensure they are properly adjusted for clear visibility. (OSHA 1910.67)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Verify the backup alarm is functioning and audible. (OSHA 1926.602(a)(9)(ii))	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Test the horn to ensure it is functioning properly. (OSHA 1926.602(a)(9)(i))	☐ Pass	☐ Fail	☐ N/A	Notes: _____

☐	Confirm a fully charged and inspected fire extinguisher is present and readily accessible. (OSHA 1910.157)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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Outrigger and Stability System Inspection

☐	Inspect outrigger pads for damage or deterioration. Ensure they are of adequate size and load rating for the ground conditions. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Verify smooth and complete extension and retraction of all outriggers. Check for leaks or binding. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Ensure outrigger locking mechanisms are functioning correctly and securely lock the outriggers in the extended position. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Verify the accuracy of the level indicators (bubble level or electronic). Truck must be level before boom operation. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Assess ground conditions for stability. Avoid soft soil, slopes exceeding manufacturer's limits, and uneven surfaces. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Confirm the slope is within the manufacturer's specified limits for safe operation. Use a clinometer if necessary. (Manufacturer's Specs)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Test outrigger interlocks to ensure boom operation is prevented unless outriggers are properly deployed. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Inspect hydraulic lines and cylinders for leaks around the outriggers. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Identify and mitigate any proximity hazards (e.g., underground utilities, overhead obstructions) before deploying outriggers. (OSHA 1926 Subpart V)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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Insulated Boom and Upper Controls Inspection

☐	Visually inspect the insulated boom sections for cracks, damage, or contamination. Report any defects immediately. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Inspect boom for any signs of bending, buckling, or weld cracks. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Inspect hydraulic hoses and fittings for leaks along the entire boom length. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Verify smooth and responsive operation of all boom controls (elevation, rotation, extension). (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Test the emergency stop button at both the upper and lower controls. Ensure it immediately stops all boom movement. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Confirm that the lower controls can override the upper controls in an emergency. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Inspect the bucket for cracks, damage, or debris. Ensure the bucket floor is clean and slip-resistant. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Inspect the bucket liner (if equipped) for damage or contamination. Ensure it is properly installed and provides adequate insulation. (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Verify minimum approach distances (MAD) from energized power lines are maintained. Use a spotter if necessary. (OSHA 1926.950)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Test boom interlocks to prevent operation outside of safe operating parameters (e.g., exceeding reach limits). (ANSI A92.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____

Personal Protective Equipment (PPE) and Fall Protection

☐	Inspect full-body harness for rips, tears, fraying, or damage. Ensure it fits properly. (OSHA 1926.502(d))	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Inspect lanyard for cuts, abrasions, or damage to the snap hooks. Use a lanyard of appropriate length. (OSHA 1926.502(d))	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Inspect dielectric gloves for holes, tears, or contamination. Test gloves per manufacturer's instructions. (OSHA 1910.137)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Ensure appropriate eye protection (safety glasses or face shield) is worn. (OSHA 1926.102)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Verify hard hat is in good condition and properly fitted. (OSHA 1926.100)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Ensure appropriate footwear (steel-toed boots) is worn. (OSHA 1926.96)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Verify that the fall arrest system (harness and lanyard) is properly connected to the designated anchor point in the bucket. (OSHA 1926.502)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Ensure all tools used in the bucket are secured with tool lanyards to prevent dropped objects. (Company Policy)	☐ Pass	☐ Fail	☐ N/A	Notes: _____

☐ Confirm clothing is appropriate for the weather conditions and does not pose a snag hazard. (Company Policy) ☐ Pass ☐ Fail ☐ N/A Notes: _____

Documentation and Training

☐ Verify the operator is certified and trained to operate the specific type of bucket truck. (OSHA 1910.67) ☐ Pass ☐ Fail ☐ N/A Notes: _____

☐ Review previous inspection records to identify any recurring issues. (ANSI A92.2) ☐ Pass ☐ Fail ☐ N/A Notes: _____

☐ Review maintenance records to ensure the bucket truck has been properly maintained according to the manufacturer's recommendations. (ANSI A92.2) ☐ Pass ☐ Fail ☐ N/A Notes: _____

☐ Ensure the load chart is present and legible in the bucket truck. (ANSI A92.2) ☐ Pass ☐ Fail ☐ N/A Notes: _____

☐ Confirm the operator's manual is available in the bucket truck. (ANSI A92.2) ☐ Pass ☐ Fail ☐ N/A Notes: _____

☐ Ensure a daily inspection log is being maintained and completed before each shift. (Company Policy) ☐ Pass ☐ Fail ☐ N/A Notes: _____

☐ Verify a rescue plan is in place in case of an emergency or fall from the bucket. (Company Policy) ☐ Pass ☐ Fail ☐ N/A Notes: _____

☐ Confirm a reliable method of communication (e.g., radio, cell phone) is available for emergencies. (Company Policy) ☐ Pass ☐ Fail ☐ N/A Notes: _____

Findings

#	Item	Location	Severity	Action required
1				
2				
3				
4				
5				
6				
7				
8				

Signature

Inspector signature _____

Name _____

Date _____