



AERIAL DEVICES, BUCKET TRUCKS & DIGGER DERRICKS

For more than 50 years, IIA has been a leading provider of critical testing that helps protect electric line crews, firefighters and other workers.

Our highly skilled and certified technicians conduct comprehensive testing to ensure the safety of your bucket trucks and other aerial devices, digger derrick equipment, and all related components. Our inspection services are performed on site and in accordance with applicable OSHA and ANSI standards.

There is no single testing method comprehensive enough to facilitate a decision about the overall structural integrity of equipment. That's why we offer a variety of complementary non-destructive testing (NDT), including dielectric, acoustic emission, magnetic particle, ultrasonic, and visual and operational inspections.



AERIAL DEVICE & DIGGER DERRICK SERVICES:

- MAGNETIC PARTICLE AND/OR DYE PENETRANT TEST OF CRITICAL WELDS AND CASTINGS
- ULTRASONIC TESTING OF SOLID, CRITICAL PINS
- OPACITY/SMOKE DIESEL TEST (CALIFORNIA)
- VISUAL/OPERATIONAL INSPECTION
- DIELECTRIC TESTING (AC OR DC)
- STABILITY LOAD TESTING
- ACOUSTIC EMISSION
- AERIAL PM SERVICE
- DOT INSPECTIONS

“That first inspection made it clear that IIA had the expertise we needed, so we had them come out and do the rest of our fleet.”

- John Friley, Westerville Electric Division



OUR LARGE AND GROWING FOOTPRINT IN NORTH AMERICA ALLOWS US TO PROVIDE FAST AND FLEXIBLE SERVICE, WHETHER YOU NEED ROUTINE INSPECTIONS OR EMERGENCY REPAIRS. WE CAN EVEN PROVIDE AFTER-HOURS TESTING TO MINIMIZE DISRUPTIONS TO YOUR OPERATIONS.



KEEPING YOU IN COMPLIANCE

Along with state and federal regulations, in the U.S., IIA follows American National Standards Institute (ANSI) guidelines adopted in 1969. These standards, A92.2 and A10.31, set forth the MINIMUM test requirements that must be considered and built into quality assurance programs for vehicle-mounted aerial devices to provide safe and proper operations. The standard includes user responsibilities for periodic inspection. At a minimum, the owner/user is to provide the following: loading, stability, visual inspections and dielectric testing of insulated units. Our Fleet Industrial Inspection Tracker (FIIT) software enhances our ability to track inspections and sort data for user-friendly, actionable reports.



Our technicians also carry most of the required safety stickers and placards and can replace missing or damaged items at a minimal cost.



TURNING DATA INTO KNOWLEDGE

Upon completion of testing, we issue a comprehensive Fleet Safety Analysis report and discuss it with your staff. This exhaustive report covers the current condition of your equipment, necessary repairs, and recommendations for future maintenance.

