



## Transportation Inspection Programs



### TRANSPORTATION COE

Our Center of Excellence (COE) for Transportation Services combines the experience of MISTRAS Services to form an elite team of expert Aerial Lift Device Inspection, Testing, Service Technicians with over 150 man-years experience.

The MISTRAS Services Transportation COE provides an Aerial Lift Device on-site inspection and testing program, in addition to an Aerial Lift Device on-site repair and service program that utilizes the most comprehensive and advanced technologies in the industry.

MISTRAS Services has ensured the safe operation of critical equipment for over 25



years. Combining the added benefit of global Acoustic Emission inspection that exceeds the regulatory and code requirements such as ASTM and NFPA standards, and assures equipment owners that their assets can be operated safely.

### AC/DC DIELECTRIC TESTING

The inspection of the upper and lower boom including fiberglass, hoses, leveling system, etc. is performed to locate defects that may cause a free fall, free rotation and/or dielectric failure. A dielectric test of the upper boom, lower boom insert, bucket liner and hydraulic oil is done in compliance with ASNI A92.2-1990 and ASTM D877.

### VISUAL & OPERATION INSPECTION

This inspection includes a visual/operational inspection of all critical, structural areas. All suspect areas are examined further by utilizing the following NDE methods: magnetic particle, ultrasonic and dye penetrant inspections in accordance with ANSI A92.2 and OSHA 1910-1926.

### ACOUSTIC EMISSION (AE) TESTING

AE testing is performed in compliance with latest ASTM F914, F1430, and F1797 Test Standards. The data is interpreted and recorded by a Level II AE Technician. Visual and operational inspection is performed prior to AE test.

### COMPLETE INSPECTION

We also offer a complete inspection, which includes all available inspections, test methods and procedures as mentioned above.

For more information, call 1-609-716-4150 or visit us on the web at [www.mistrasgroup.com](http://www.mistrasgroup.com).

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