

Electrifying Heavy Equipment?

7 Questions Leaders Should Be Able to Answer

Heavy Equipment Electrification Readiness Check

Electrified forklifts, yard tractors, reach stackers, and other industrial equipment change how energy is stored, controlled, and serviced. As electrification expands across fleets and facilities, workforce readiness must keep pace with the equipment entering operation.

If your organization is operating or preparing to deploy electrified heavy equipment, leadership should be able to clearly answer these seven questions.



- 01 Do we have documented high-voltage qualification levels for technicians?
- 02 Are lockout/tagout procedures aligned with electrified equipment systems?
- 03 Is zero-energy verification required and consistently validated?
- 04 Are technicians using insulated tools and PPE rated for high-voltage work?
- 05 Are contractors held to the same high-voltage qualification standards as employees?
- 06 Is there a documented battery isolation and quarantine procedure?
- 07 Would supervisors know how to respond to a lithium battery thermal incident?



When electrified equipment is already operating, these controls protect worker safety, uptime, and operational continuity.



When electrification is expanding, establishing workforce qualification early helps prevent training gaps and procedural rework later.

STRUCTURED, ROLE-BASED HIGH-VOLTAGE TRAINING HELPS ENSURE ELECTRIFICATION STRENGTHENS OPERATIONS RATHER THAN INTRODUCING NEW RISK.

SCHEDULE AN ELECTRIFIED EQUIPMENT READINESS REVIEW



Evaluate how your technician qualifications, procedures, and supervision align with electrified heavy equipment operations.



DEKRA has supported organizations in managing safety and operational risk for more than 100 years. Our EV Safety Training programs help fleets and industrial operations prepare their workforce for electrification through structured, role-based training aligned to high-voltage systems, battery hazards, and real-world operating conditions.



Learn more at:
www.dekra.us/en/electric-vehicle-safety-training/

