



Static Electricity

Category: Forklift; Pallet Jack or Power Related - 2017

Position(s) of employees/contractors:

Operations Manager, forklift leasing company, tire vendor

Brief summary:

EE rated forklift was not maintained to meet those requirements by forklift leasing company – tires were changed to an insulating non-marking type that prevented lift from dissipating built up static electricity. This cause static spark when lift made contact with grounded steel tote.

Causal factors:

- Primary Cause: no management of change for EE related lift modification
- Secondary Cause: lack of knowledge about EE rating on forklifts by employee and forklift leasing company employee/service tech

List any corrective actions:

Tires modified, all sites communicated with and lifts inspected, communication to leasing company about issue, redundant grounding methods installed on lifts, training addition to all personnel about issue as part of bonding and grounding program, management of change training to site as part of Process Safety Management program.

Communicated to other employees, public, customers, etc.?

Leasing vendor communicated to via phone call, internal incident form issued to all sites

Senior management involved:

Review with maintenance and regulatory leadership to ensure corrective actions implemented immediately.