



Initiating Corrective Action for SAFETY Situations

Training Presentation 2014-August

be certain.





» The purpose of this training is to inform persons to:

- Be aware of safety situations requiring Corrective Action
- Quickly initiate Corrective Action Requests

» Content of the training

- Recognize the Situations (overview and examples)
- The Importance of a Timely Corrective Action Request
- Responsibility for Submitting a Request for Corrective Action
- How to Submit a Request for Corrective Action
- Test Q&A



Recognize the Situations (overview)

When you are aware of these, submit for Corrective Action;

- » Unsafe events
- » Accidents
- » Incidents
- » Near misses
- » Noncompliance to safety requirements

Situations may involve the following;

- » People
- » Property (Equipment/ Facility/ Specimen Damage)
- » Environment
- » and Legal

Recognize the Situations (Example 1)





» The Hazards

 Tipping over during operation or transportation

» The Potential consequences

 Crushing or trapping of personnel

» The Causes – Design Controls

- 1 Lift ring locations are not suitable to be used alone
- 2 Top heavy accumulator / manifold assembly has no additional means for safe lifting





Observe that a switch did not disconnect power

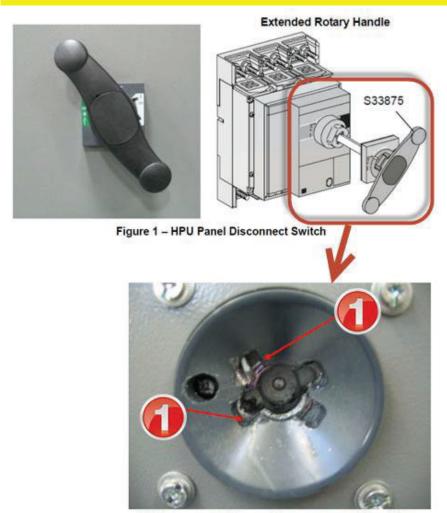


Figure 2 - Damaged Extended rotary handle mechanism

The Hazards

- Power is not disconnected. when switch is used
- Persons may be exposed to energized circuit

The Potential consequences

- Shock during maintenance operations
- Unexpected start-up damaging equipment or releasing oil

The Causes – Manufacturing **Controls**

- 1 Excessive axial force during assembly damages the mechanism
- No test to assure function 5



Recognize the Situations (Example 3)

Receive a PRODUCT SAFETY NOTICE from a Supplier



The Hazards

 The circuit breaker may fail to trip when an overload occurs

The Potential consequences

- Fire
- Damage to equipment
- » <u>The Causes</u> Supplier Design Controls
 - Design validation of internal breaker materials



Recognize the Situations (Example 4)

Observe an inadequate guarding for shock hazard



The Hazards

 In electrical enclosures, electrical components at hazardous voltage are "finger" accessible

» The Potential consequences

Electric shock

The Causes – Design Controls

 1 Design validation of guarding materials to EN 60204-1



Recognize the Situations (Example 5)

Observe a rotating equipment hazard



» The Hazards

- Rotating shaft / coupling
- Kinetic energy

» The Potential consequences

- Entanglement with / drawinginto rotating parts
- » The Causes Design Controls
 - 1 Absence of guarding materials at the coupling



The importance of a timely request

The Corrective Action Process helps our customers and our organization.

- » Importance, Urgency and Escalation are built into the process
- » A Defined Sequence with Roles and Responsibilities is built into the process
- » The Required Records result from using the process



Responsibility for Submitting a Corrective Action Request

Submitting the request is a crucial trigger. Let the process help you.

- Who is responsible for submitting a request for Corrective Action?
 - The person who recognizes there is a safety situation or has the potential to be a safety situation



How to Submit a Request

From the MTS Intranet (intranet.mts.com)

» Navigate to the Corrective Action System (CAS)

» From the CAS Click <Add>

» Complete the form

