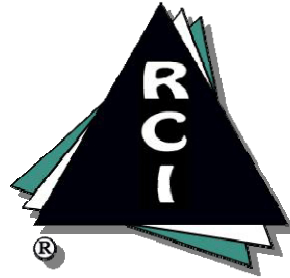


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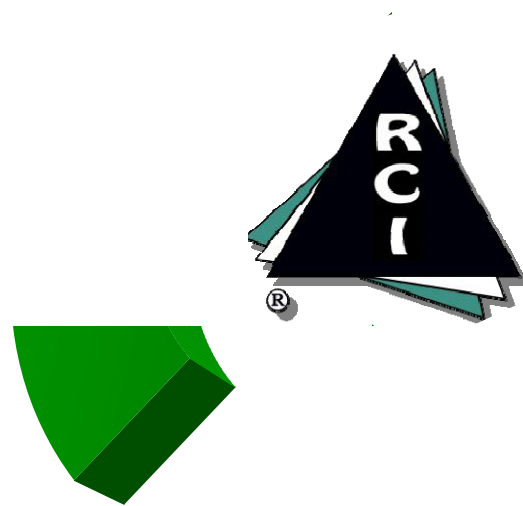


Closing the Loop

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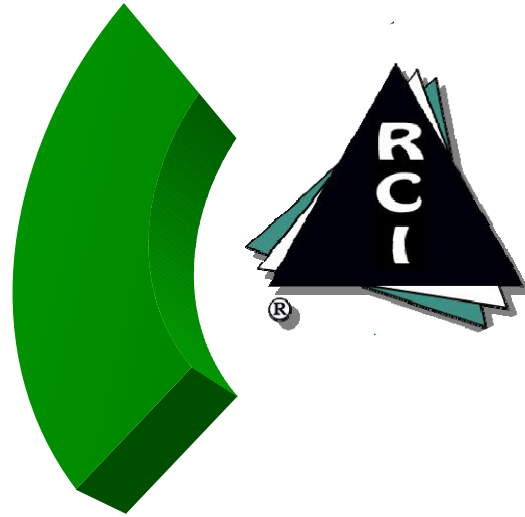


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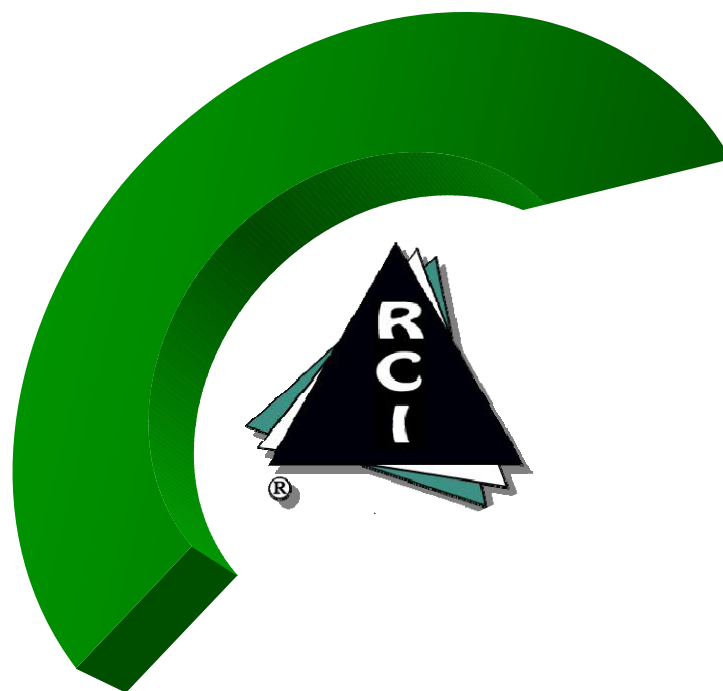


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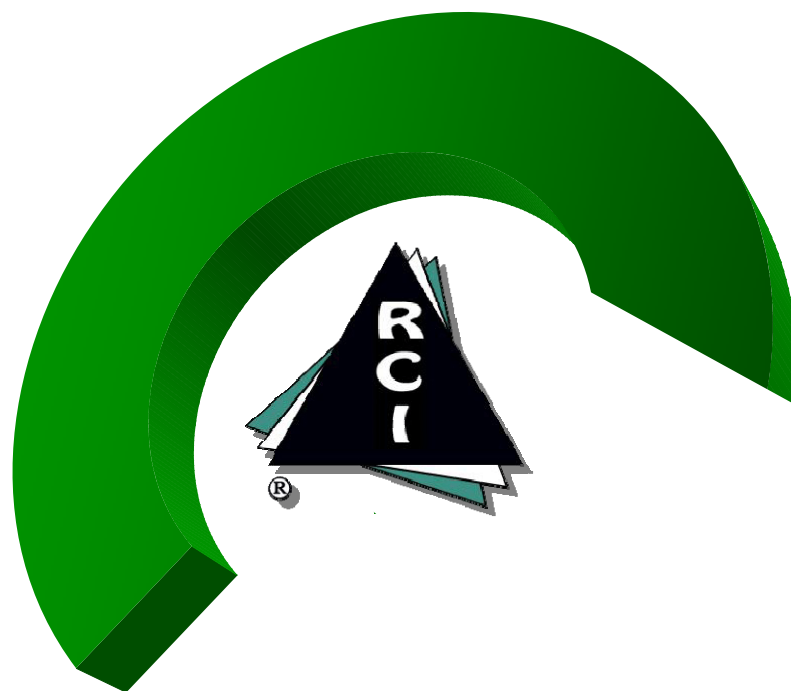


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“Closing the Loop” Concept is Based on Actions

- Observe
- Report
- Analyze
- Act
- Educate
- Communicate
- Measure
- Implement

Closing the Loop - Observe

Observe:

- Goes by several names
 - Task Analysis
 - Behavior based observations
 - Job task analysis
 - Job hazard analysis

RCI calls it:

- Task Analysis
- What are the procedures for a work process?
- Steps to complete a task safely and successfully
- Employees help develop
- Isn't this process management?

Closing the Loop- Observe

JHA ID: 2 Version: 1 Date Completed: 9/3/2008

JHA Title: Task Type 1

Location: RCI Burlington, IA

Completed By: Dylan Barber

Assisted By:

Recommended PPE: Hard Hat, Safety Glasses

Job Hazard Analysis

Step	Title	Job Step Hazards	Job Step Procedure
1	Get truck to the loading dock	Caught in or Between - Machine/Machinery -- As truck is backing to the dock can be caught between the dock and truck	Move truck backwards and alert driver to directions

Closing the Loop - Report

- Reporting:
 - TA – Task analysis
 - Training
 - OSHA -300
 - Incident
 - Accident
 - Corrective Action
 - Audits

Closing the Loop - Analyze



June, 2008 Incident Analysis Report

Printed 9/9/2008

Business Unit: Shipping Unit

OSHA Recordable, OSHA First Aid, Environmental, Bearing Failure, Security, Near Miss, Outside Inspector, Product Quality, Test Form

Incident Breakdowns

June Incident Types



2008 to Date Incident Types



June Top 10 Root Causes



2008 to Date Top 10 Root Causes



Closing the Loop - Act

- Corrective actions when necessary
- Change policies
- Change training programs
- Retrain
- Audit
- Inspect what you expect

Closing the Loop- Educate

- Train employees;
- By policy
- By job type
- Regulation
- Track training by
 - Employee
 - Location

Closing the Loop- Educate

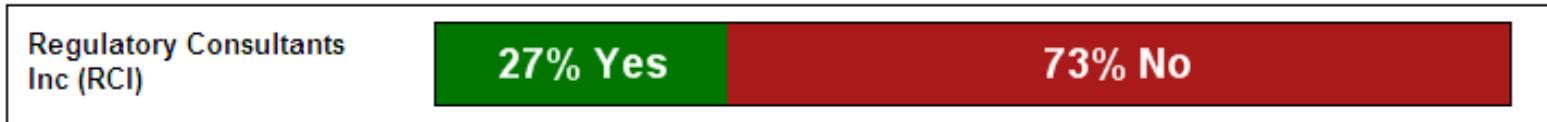


Corporation Training Overview

Printed 9/9/08

As of: 9/30/2008

Region: All; Business Unit: All



Location Class Employee	Location Percentage	Class Percentage	Employee Status
Anytown, MO (133)	58%		42%
Burlington, IA (116)	28%		72%
Des Moines, ND (98)	38%		62%
Hiawatha, KS (40)	10%		90%
Horton, KS (187)	16%		84%
Spooky Holler, MO (93)	22%		78%
Topeka, SD (109)	15%		85%
Yuma, AZ (31)	13%		87%

Class	Class Percentage
-------	------------------

Closing the Loop-Communicate

[Home](#) [Applications](#) [Administration](#) [RCI](#)

Welcome Ron Demaray
Web Applications Site for Regulatory Consultants Inc (RCI)

[Alerts](#) [Metrics](#) [Videos](#) [Site Changes](#)

Alerts !!

-  Smoking Policy 4/22/2008 8:24:17 PM
This policy had a supporting file added. Please review the policy to ensure you understand the changes.
-  Anhydrous Ammonia Leak or Spill 4/22/2008 10:13:59 AM
This policy was changed. Please review the changes made and ensure you understand the changes.
-  3/18/2008 3:55:06 PM - New employee Injury

Alert Legend

Must Acknowledge:  High Priority Alert: 

Normal Priority Alert:  Low Priority Alert: 

Closing the Loop-Measure






















Audit Report


Audit Type:
 Locations:
 Frequency:
 Start Date:
 End Date:

Completed Audits:

Audit Type	Location	Frequency	Scheduled Date	Completed Date	Person	Notes
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Scheduled Audits:

Audit Type	Location	Frequency	Scheduled Date	
 Internal		Monthly	2/2/2008	
 Other Event		Monthly	2/29/2008	
 Other Event		Bi-Monthly	2/20/2008	
 Other Event		Monthly	2/4/2008	
 Internal		Monthly	2/1/2008	
 Other Event		Monthly	3/1/2008	
 Other Event		Annual	2/13/2008	
 Other Event		Bi-Monthly	1/25/2008	
 Internal		Bi-Monthly	7/11/2008	
 Internal		Annual	9/30/2008	
 Internal		Monthly	8/30/2008	

 indicates overdue.

Closing the Loop-Implement

- Implement through:
 - Training
 - Policy
 - Incident investigation
 - Accident investigation
 - Review near misses
 - Compliance with regulations
 - Audits

Process Management

- Most companies use disparate programs
 - QMS
 - Safety management system
 - Process safety
- Disadvantage - Programs do not talk to each other
- Creates a system where programs don't relate to each other

Safety Management Systems

- Program should provide;
- Control - Management oversight of entire SMS
- Consistency – Regardless of geographical location the same program is used everywhere
- Continuity – As changes occur at locations they are easily adopted into the program

Successful Safety & Health Strategies

- ***Core Elements*** include:
- Leadership at the top believe
- Confidence of all employees
- Create and implement a SMS that works for the individual company
- Monitor progress regularly

Standout Strategies

- Clear management visibility & leadership
- Ownership of safety and health by all employees
- Accountability at all levels in the organization
- Open sharing of knowledge

Standout Strategies

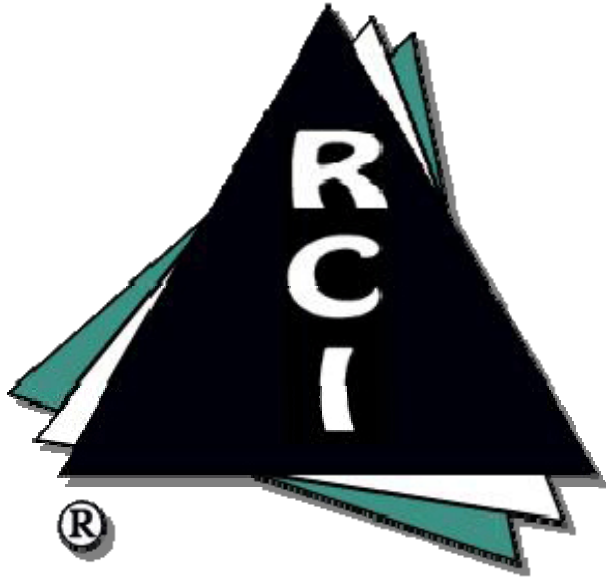
- Leaders from the top down must live safety
- Confidence of employees
 - Company values safety comparably to other company values
 - Everyone is committed and engaged
- Creating and implementing a SMS that works

Regulations' Role

- Recognize the need for regulation
- Government must develop regulations that drive performance but don't limit
 - Innovation
 - Continuous improvement
- Good SMS should make regulations irrelevant
- Regulation is insufficient for “0” injury excellence

What do the very best do?

- Clearly describe what is expected
- Make safety a line management responsibility
- Incorporate safety in the business as an operational strategy
- Use proactive measurements
- Executives must lead the SMS not just support it



Thank you!

Regulatory Consultants Inc.