

Conducting Safety and Health Inspections

(or if it don't look right it probably ain't!)

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Hanford: Our Site

- The Hanford Site is located in the southeastern portion of Washington State, north of the City of Richland, and encompasses 586 square miles (1,518 square kilometers).
- Since 1943, Hanford has become home to nine former nuclear reactors and facilities



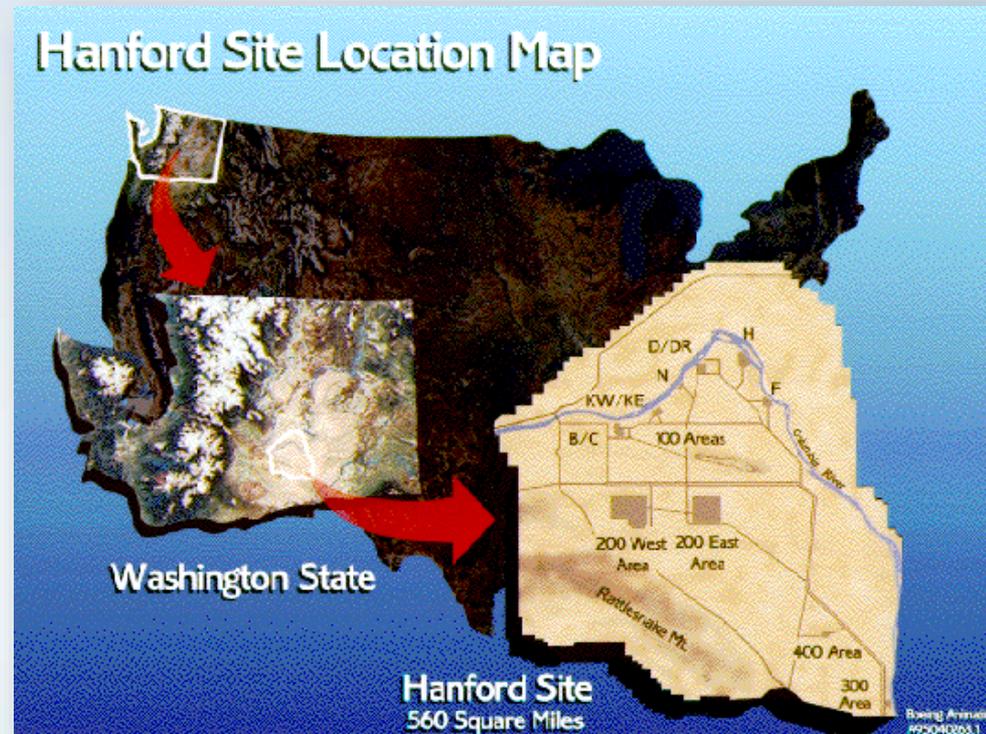
Hanford: Our Site

- The Hanford Site was built during World War II to fabricate fuel, irradiate the fuel in production reactors, and chemically separate and recover plutonium for use in nuclear weapons.
- Several other valuable isotopes were also recovered.

Hanford Location



- Located in the desert of southeastern Washington State
- The Hanford Site is currently one of the largest environmental cleanup sites in the world.





Mission Support Services

- Our Organization
 - 1500 employees
 - 48 Groups among our EZAC (Employee Zero Accident Council)
 - Our team provides cross-cutting services to the DOE and other contractors at the Hanford Site.



Mission Support Services

- Our Purpose
 - To make our customers extraordinarily successful in our unified mission of cleaning up the Hanford Site for our community to prosper safely and securely.



Mission Support Alliance Company Safety Goals

- Target Zero, Do Work Safely
 - Embodies all of our safety processes



Why Do Inspections and Document Them?

- Have you ever walked through any location and happen to notice an unsafe condition?
- You say “Someone ought to do something about this, someone could be hurt!”
- Often times if the correct people aren’t told of the issue it continues.



Why Do Inspections and Document Them?

- You stop, stop again, make sure what you're seeing is real

And...

- Now you say something like, "What, that hasn't been taken care of. **SOMEONE** must do something about this now!"



Why Do Inspections and Document Them?

- The problem is that now the problem becomes hazardous to everyone.
- And at that point the situation could hurt you.
- The “someone” is you, by conducting facility inspection and documenting the problem it sets the stage to ensure that the problem is corrected before anyone get’s hurt.



Safety Inspections

- Each of us is responsible for identifying and controlling hazards in the workplace.
- Taking responsibility insures a safety and healthy work environment.
- Safety inspections are a proven way to identify and correct problems

Safety Inspections are Tools that...



- Improve attitudes in the workplace.
- Serve as a inventory/checklist of items.
- Allow you to take action, correct hazards and determine the appropriate actions to achieve desired safety goals.

Safety Inspections are Tools that...



- Are specifically geared to your operations and facilities.
- Allow you to measure your safety performance.
- Provide you with a baseline to compare against future safety initiatives.

Safety Inspections are Tools that...



- Do I know that my company requires inspections for facilities AND offices?
- Do I properly document concerns at my facility?
- Am I taking responsibility for taking the appropriate action if I witness an unsafe condition or situation?.



MSA Safety and Health Inspection Program

- Conducting the Safety and Health Inspection





Bad Inspection



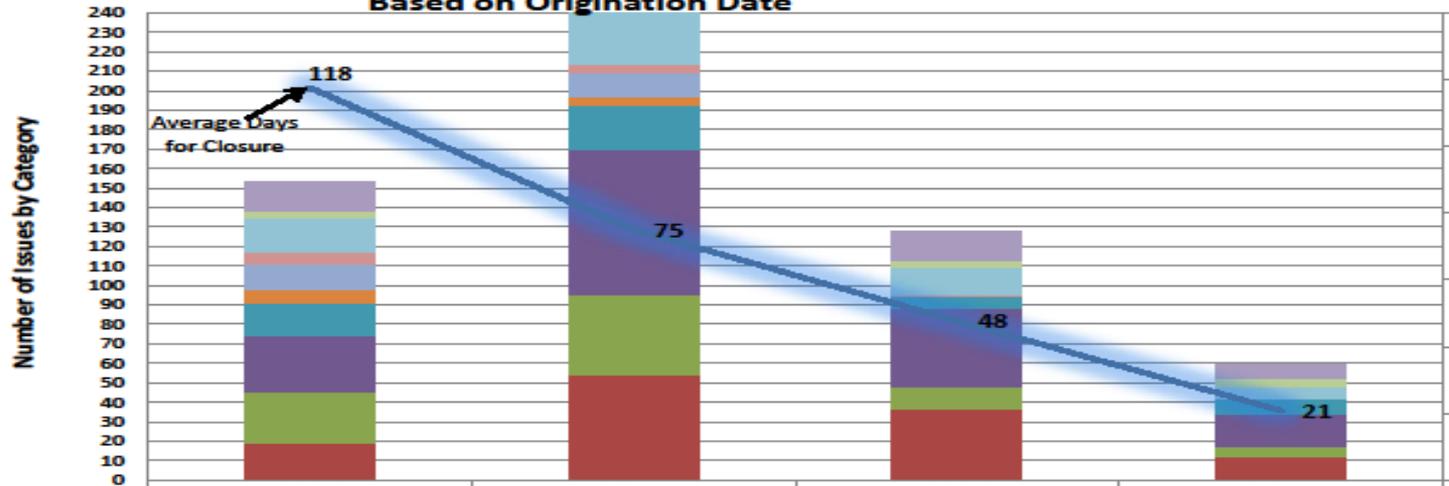


Good Inspection



MSA Safety Log Items

Safety Issues Created By Calendar Year and Category, Average Days for Closure Based on Origination Date



	CY2010	CY2011	CY2012	CY2013
Roads/Grounds	15	24	15	7
Chemical/Fumes Exposure	3	5	4	4
Tripping Hazards	18	45	14	6
Personnel Training	6	5	1	0
Facility Mod.	13	12	0	0
Equipment Mod.	7	4	0	0
Equipment operation	17	23	6	8
General facility issue	29	75	40	17
Procedure or process	26	41	11	5
WorkPlace	19	54	37	12
Avg days for Closure	118	75	48	21

Printed 5/15/2013

Definition

Each safety issue is assigned a category. This chart reflects the number of safety issues created during the calendar year by category, and the total average days for closure.

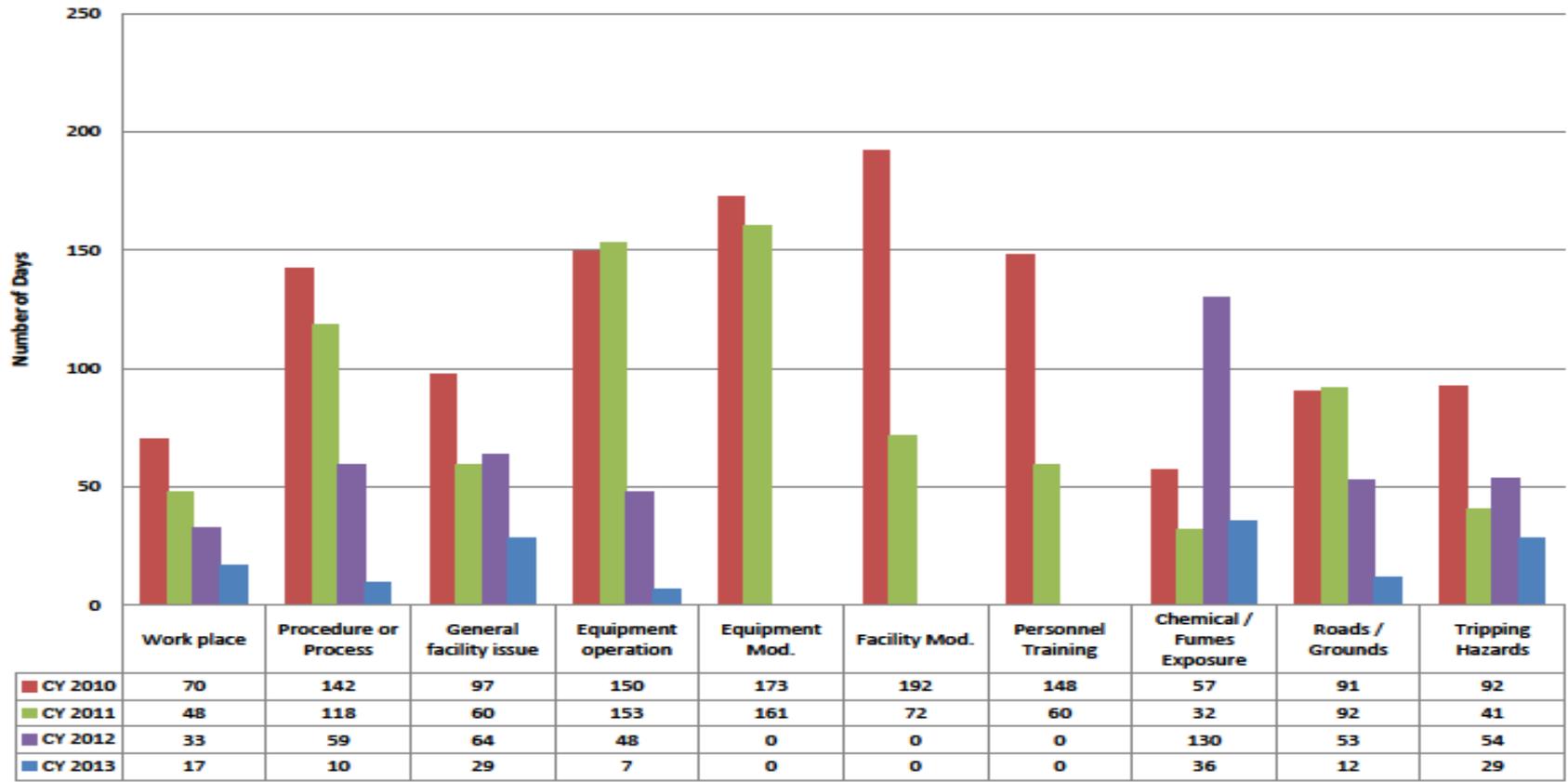
The Average Days for Closure is calculated based on the set of actions that were opened during that calendar year that have been closed.

Analysis/Actions

The average days for closure has improved since CY2010, reflecting the continued emphasis placed on improving the safety culture.

MSA Safety Log Items

Average Days to Close Safety Ideas and Issues by Category

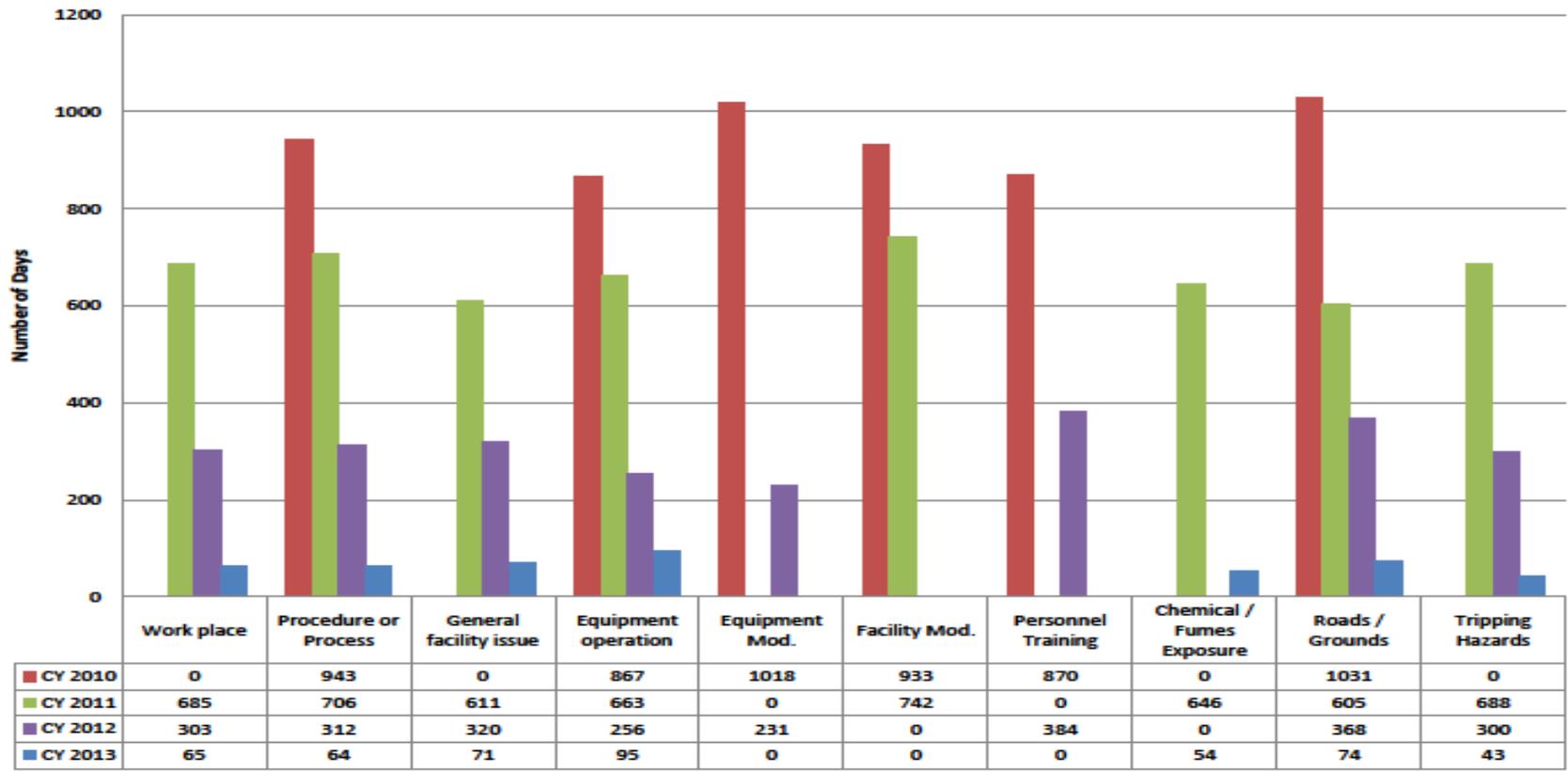


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Definition	Analysis/Actions
This chart reflects the average days to close safety issues, by category, for each calendar year.	This reflects attention has been adequately placed on closing aged issues.

MSA Safety Log Items

Average Length of Open Items By Category



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Definition

This chart reflects the average length of time safety issues remain open, and reported by category for each calendar year.

The average length of open items is calculated based on the average days the item has been open for those items remaining open at the time of this report.

Analysis/Actions

As expected, for those issues opened in CY 2010 and 2011, the average open time would be greater than CY 2012 items, as more time has lapsed.



Group Discussion

- What is VPP Tenant #4?
 - Health & Safety Training

- What does good training look like?



Link to Modules

- <http://www.hanford.gov/page.cfm/VPPFacilityInspectionModules>



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