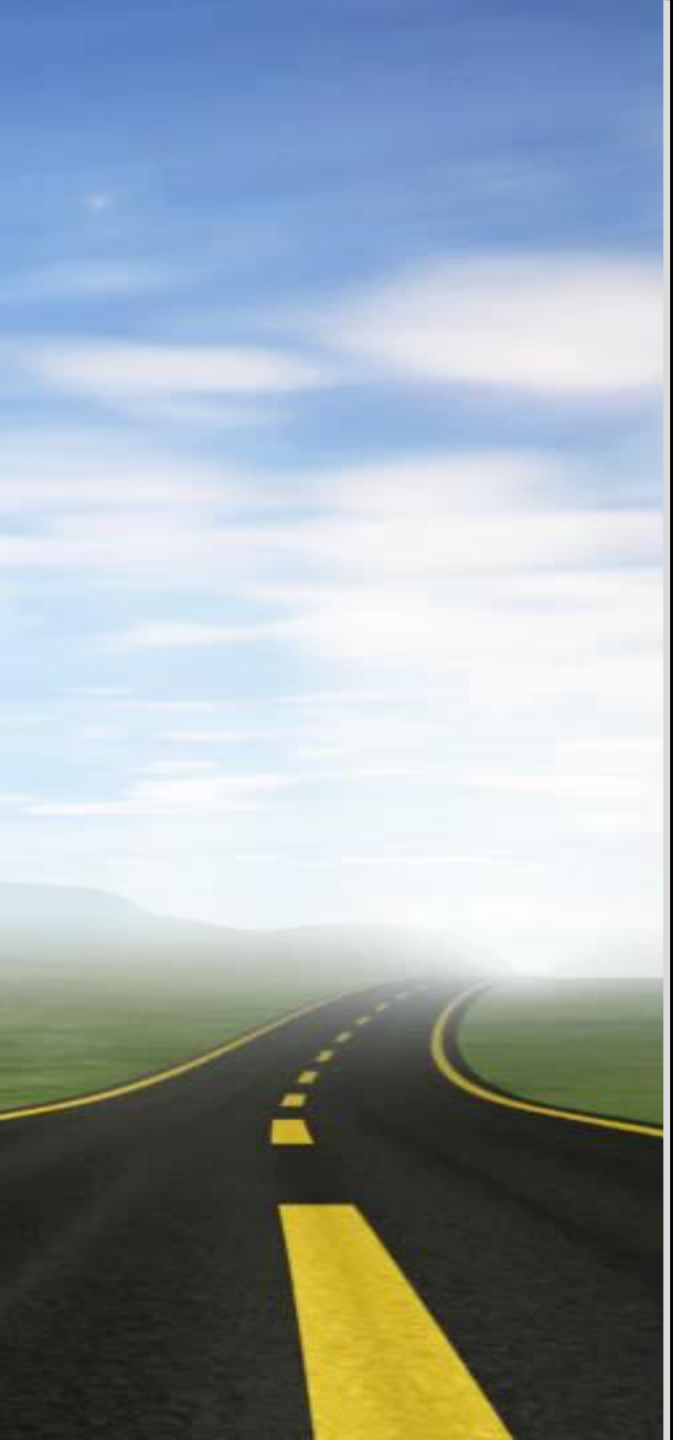
SMART! Hazard MANAGER

The road to safety success!

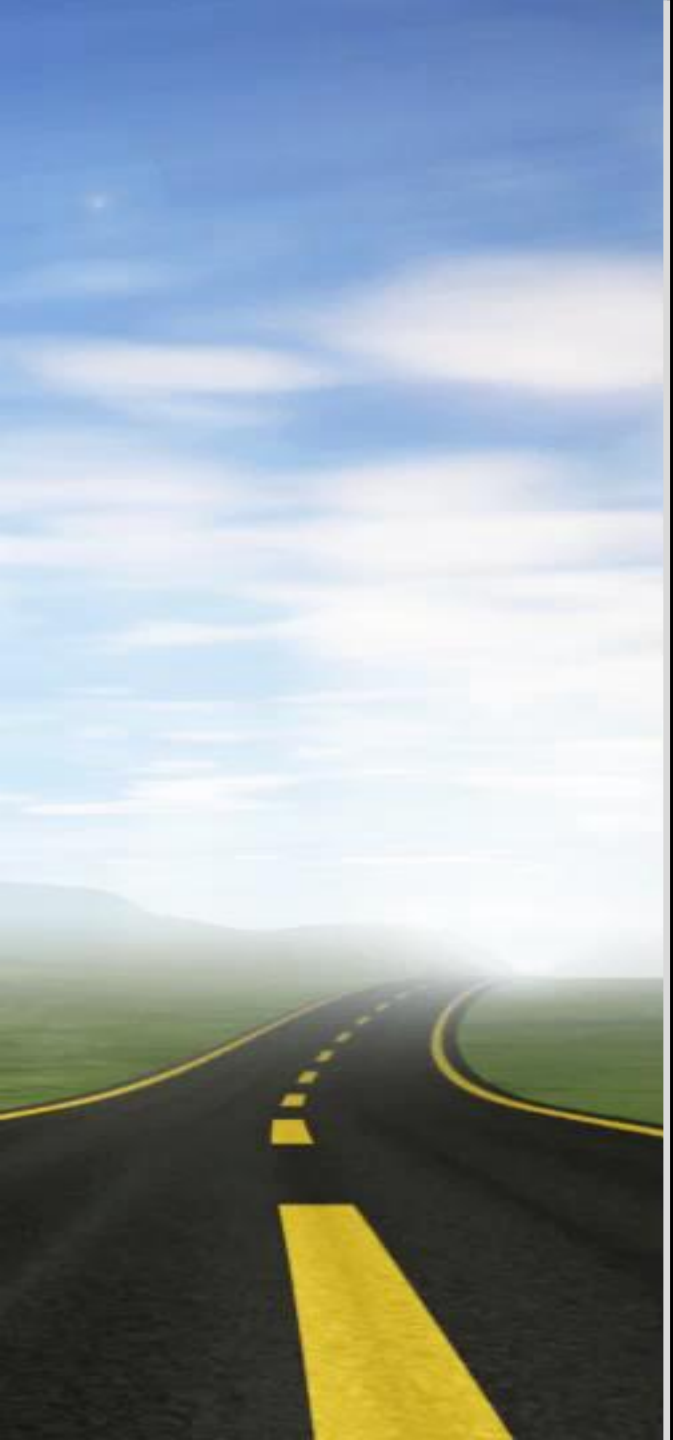


SMART!Hazard MANAGER

Smart!Hazard Manager is a cloud based app, accessible from any PC or mobile device.

It is a different way to manage our safety process.

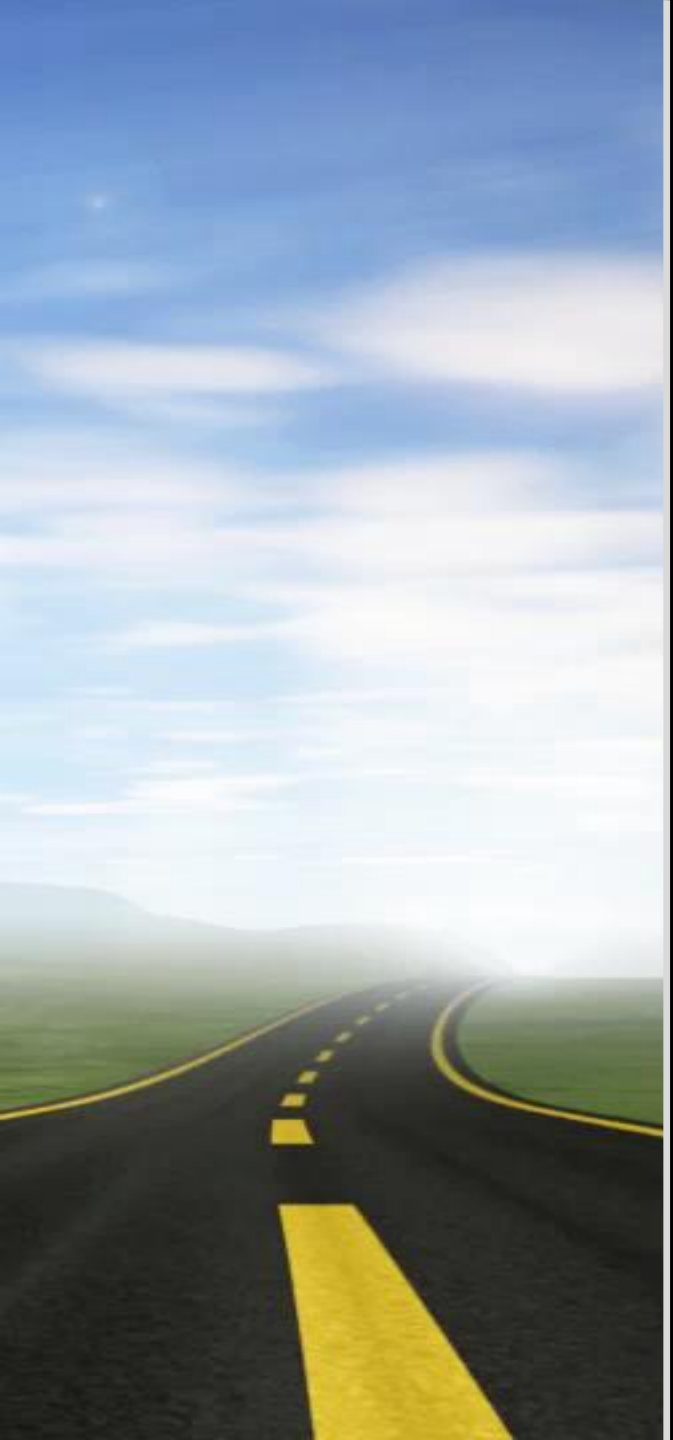
We are going to start monitoring how much risk is actually taken out of our workplace, referring to it as “Risk Reduction”.



How will “Risk Reduction” be determined?

By measuring the difference between the initial risk ranking of any hazard and the final risk ranking of that hazard after it has been resolved.

For Example: If an extension cord is creating a trip hazard at your workstation and has an initial risk ranking of 90 and then an electrician installs an outlet under your bench eliminating the hazard entirely, you would receive 90 risk reduction points once completed.

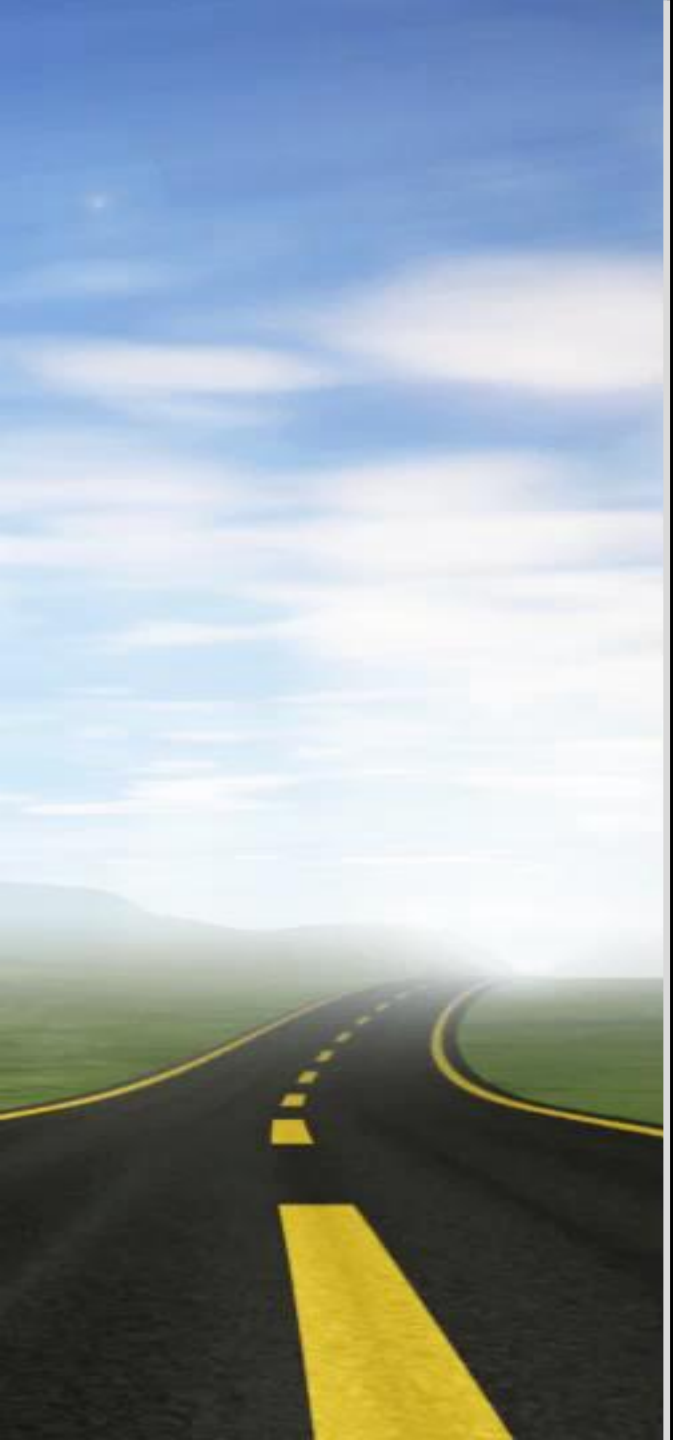


How will “Risk Reduction” be determined?

All managers will be expected to accomplish risk reduction goals based on # of employees they manage and their previous accident rates. There should be no exceptions. All managers, anywhere in our organization, can assist in identifying/resolving hazards and unsafe behaviors.

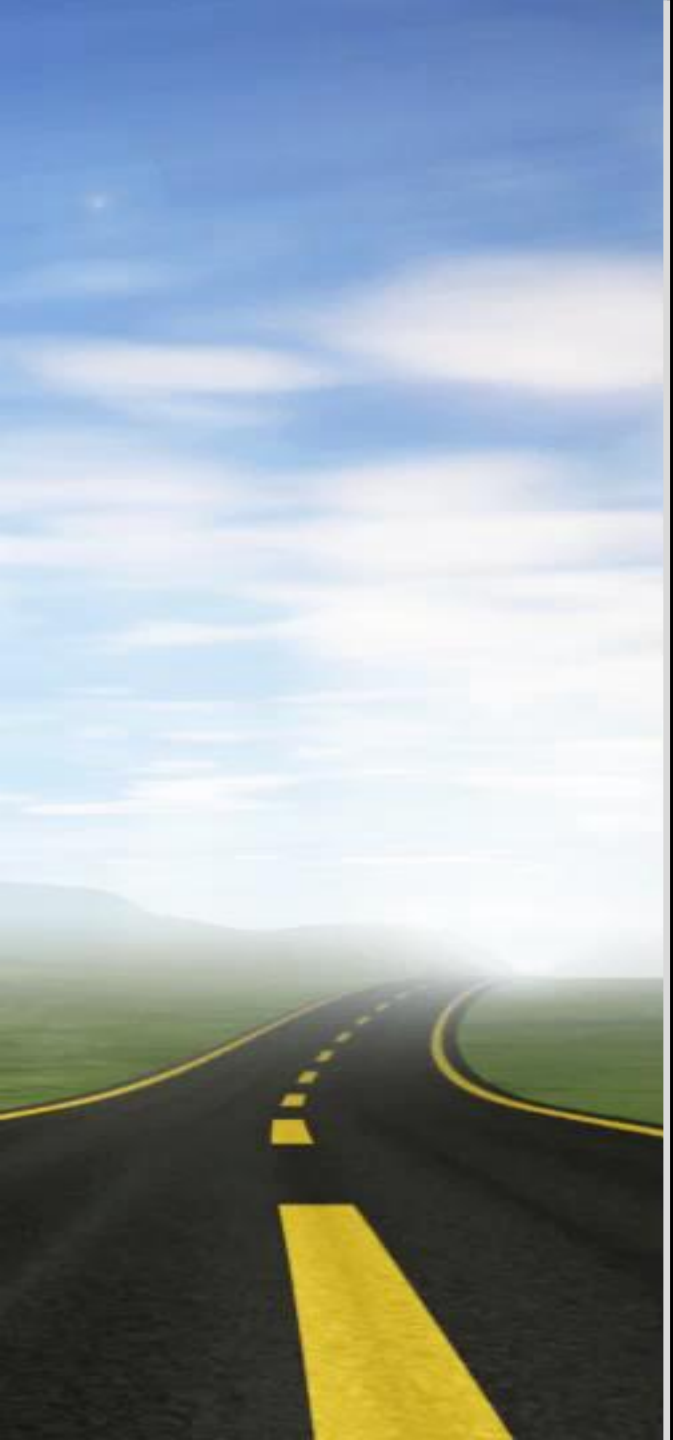
From this point on, our safety objective will be to identify/resolve hazards and unsafe behaviors.

This will be clearly measured and managed.



Exactly how will this “Risk Ranking” be determined so that it is fair and consistent?

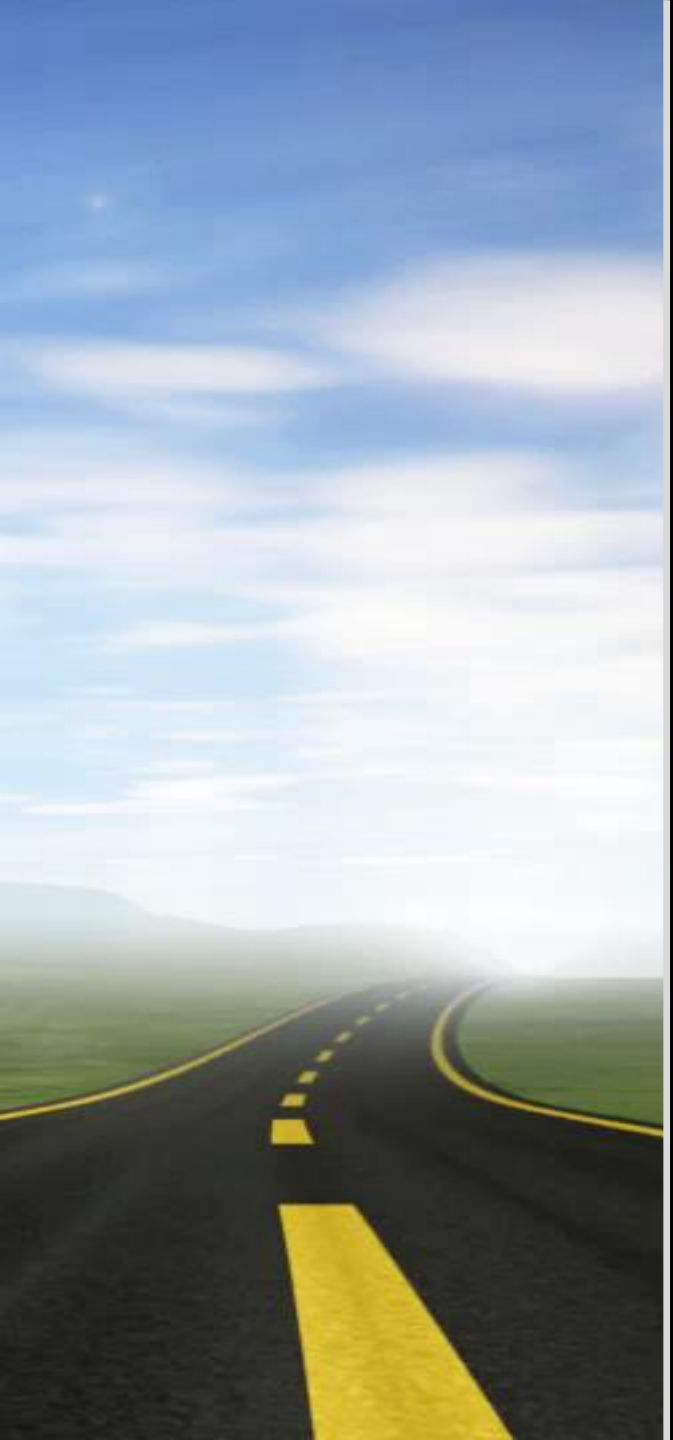
As each hazard is identified and entered into the app (from a smartphone, tablet, iPad, PC, etc) three popup boxes will appear related to: Severity, Probability, and Frequency. One click in the appropriate box for each of the three and the risk ranking will be automatically calculated and displayed instantly.



SEVERITY

The severity of the hazard will be determined based on the following:

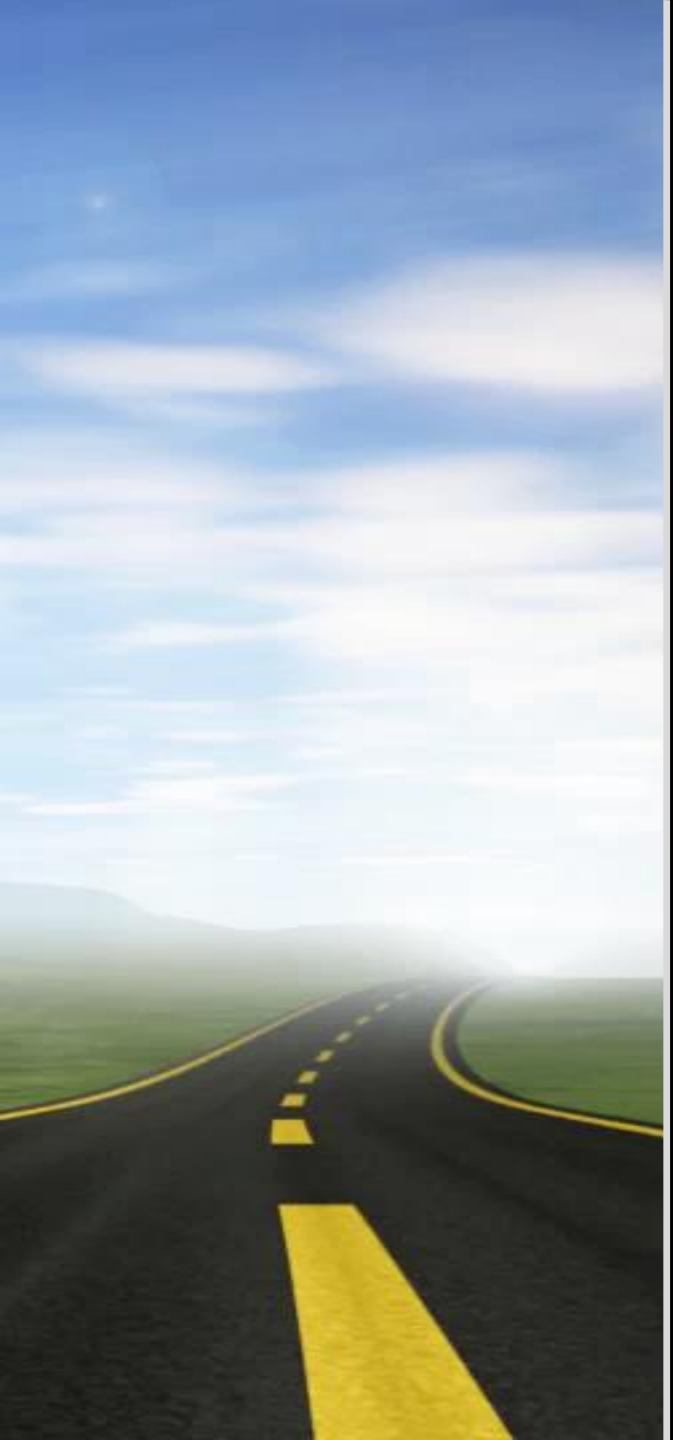
SEVERITY	DESCRIPTION	RATING
Insignificant	No personal injury that requires treatment	1
Minor Injury	Injury requiring minor first aid	2
Moderate Injury	Serious injury requiring hospital/emergency treatment	3
Major Injury	Multiple injuries or serious injuries requiring hospitalization	4
Catastrophe	Major amputation, life changing injury, Death(s)	5



PROBABILITY

The probability of the hazard causing an accident will be determined based on the following:

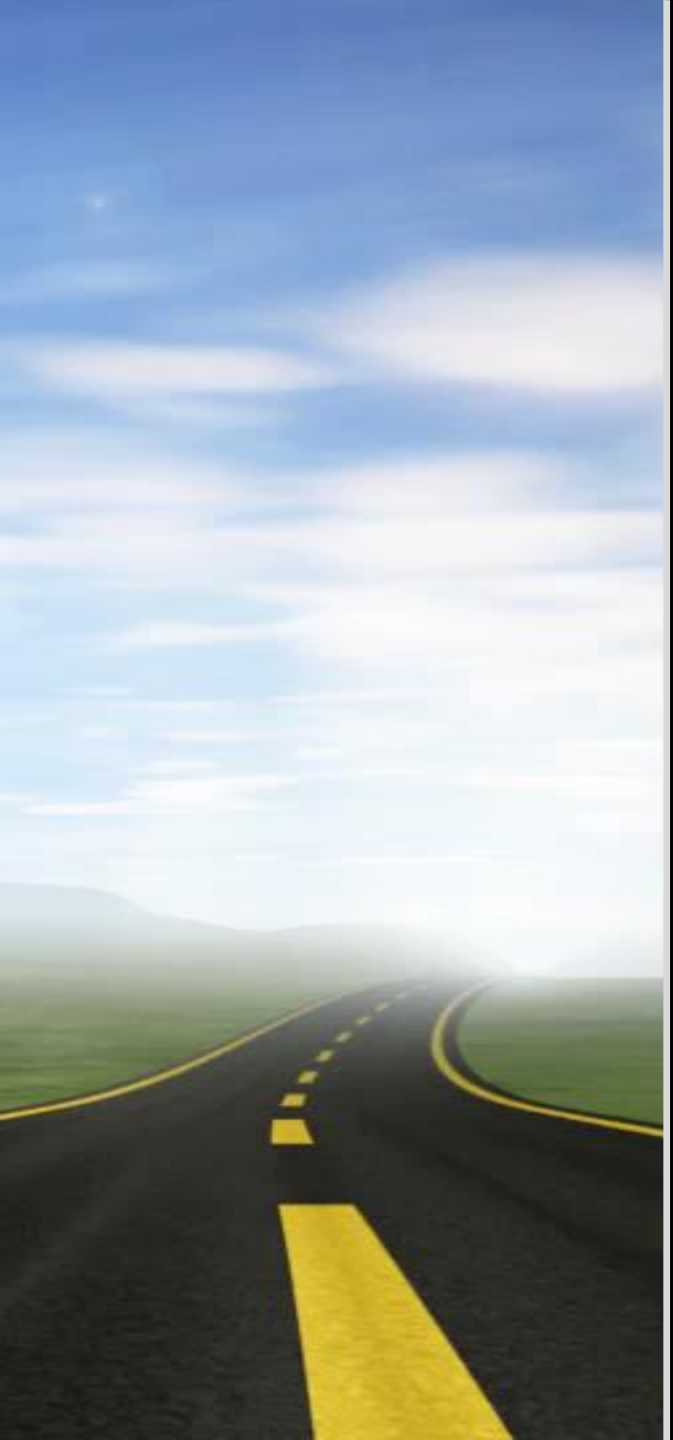
PROBABILITY	DESCRIPTION	RATING
Rare	Would be extremely unlikely to occur	1
Unlikely	Would take two or more things to go wrong to occur	2
Possible	Could occur with wrong action	3
Likely	Could occur with just inattention	4
Almost Certain	Will probably occur	5



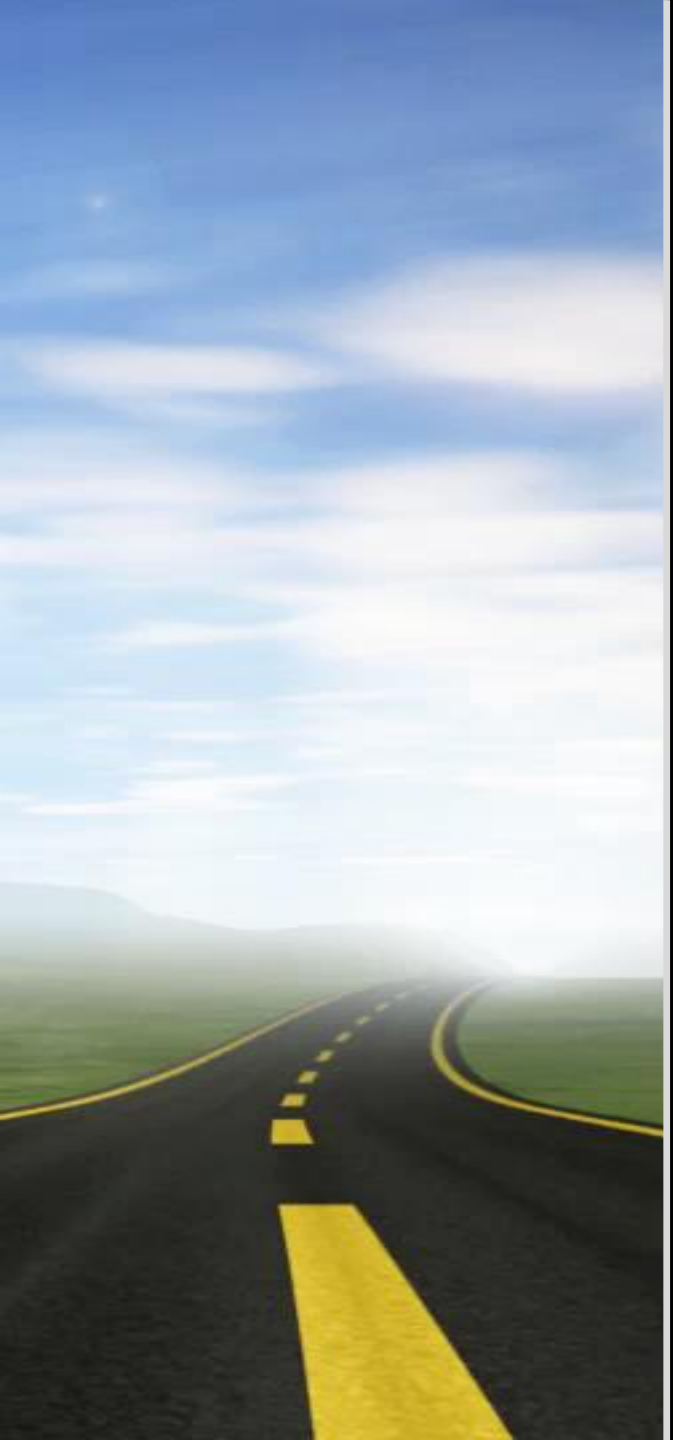
FREQUENCY

The frequency someone being exposed to the hazard will be determined by:

FREQUENCY	RATING
< 1 per month	1
< 1 per week	2
< 1 per day	3
< 1 per shift	4
> 1 per shift	5



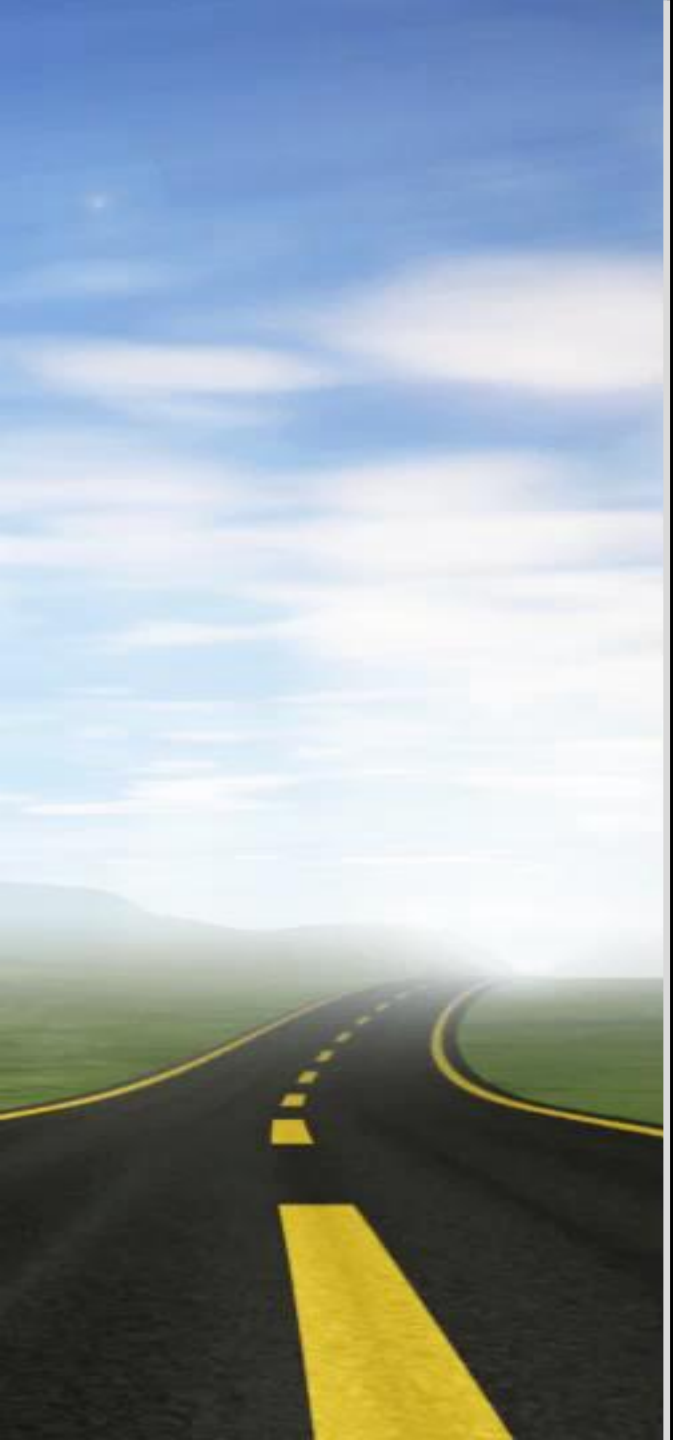
IF THE TYPE OF HAZARD IS AN ERGONOMIC RISK THEN THE POPUP LISTS WILL CHANGE TO THE FOLLOWING:



ERGONOMIC POSTURE

The posture of someone being exposed to an ergonomic hazard will be determined by:

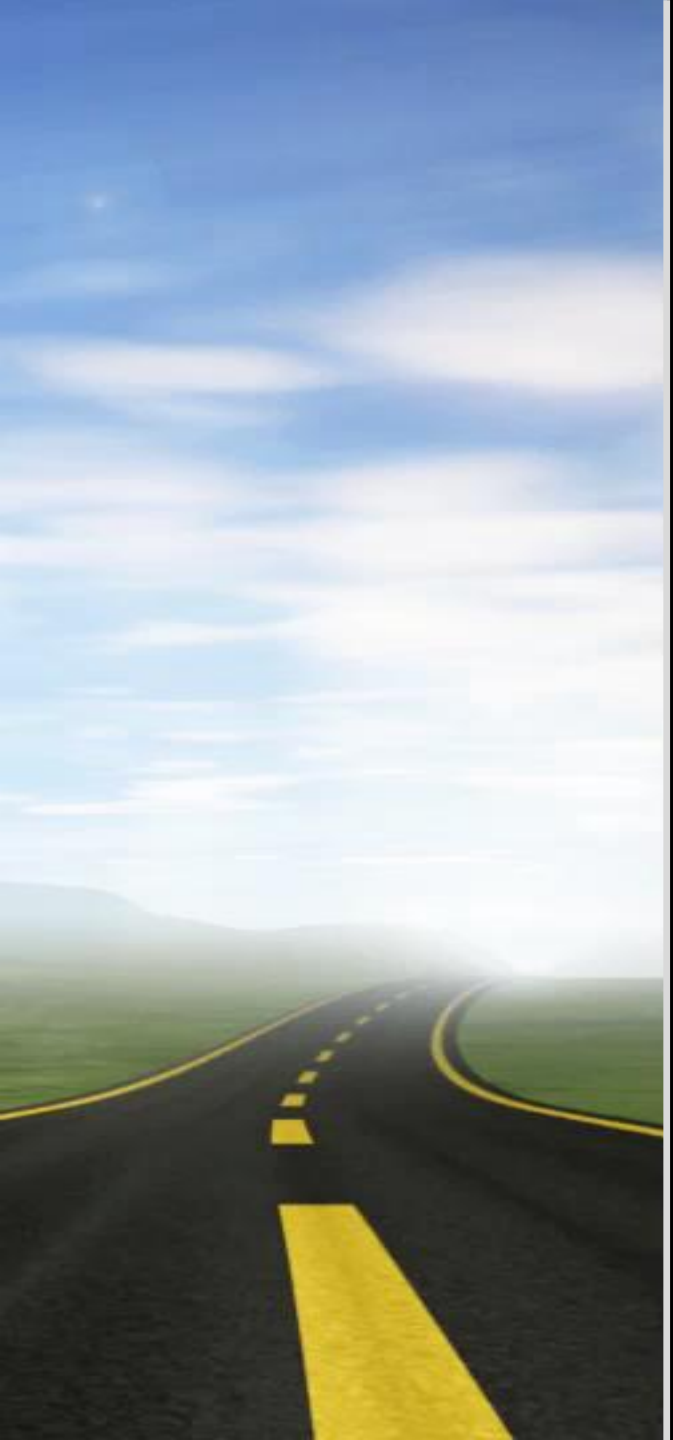
POSTURE	DESCRIPTION	RATING
Insignificant	Completely neutral, no bending or rotation.	1
Minor	Very minor bending, no force required to move body part into position to accomplish task (no load).	2
Moderate	Moderate bending or rotation, very little force required to move body part into position to accomplish task (no load).	3
Major	Significant bending or rotation, requires significant force to move body part into position to accomplish task (no load).	4
Extreme	Maximum bending or rotation possible, requires significant force to move body part into position to accomplish task (no load).	5
When there are significant multiple awkward postures involved, use the next higher rating.		



ERGONOMIC FORCE

The force required for an ergonomic hazard will be determined by:

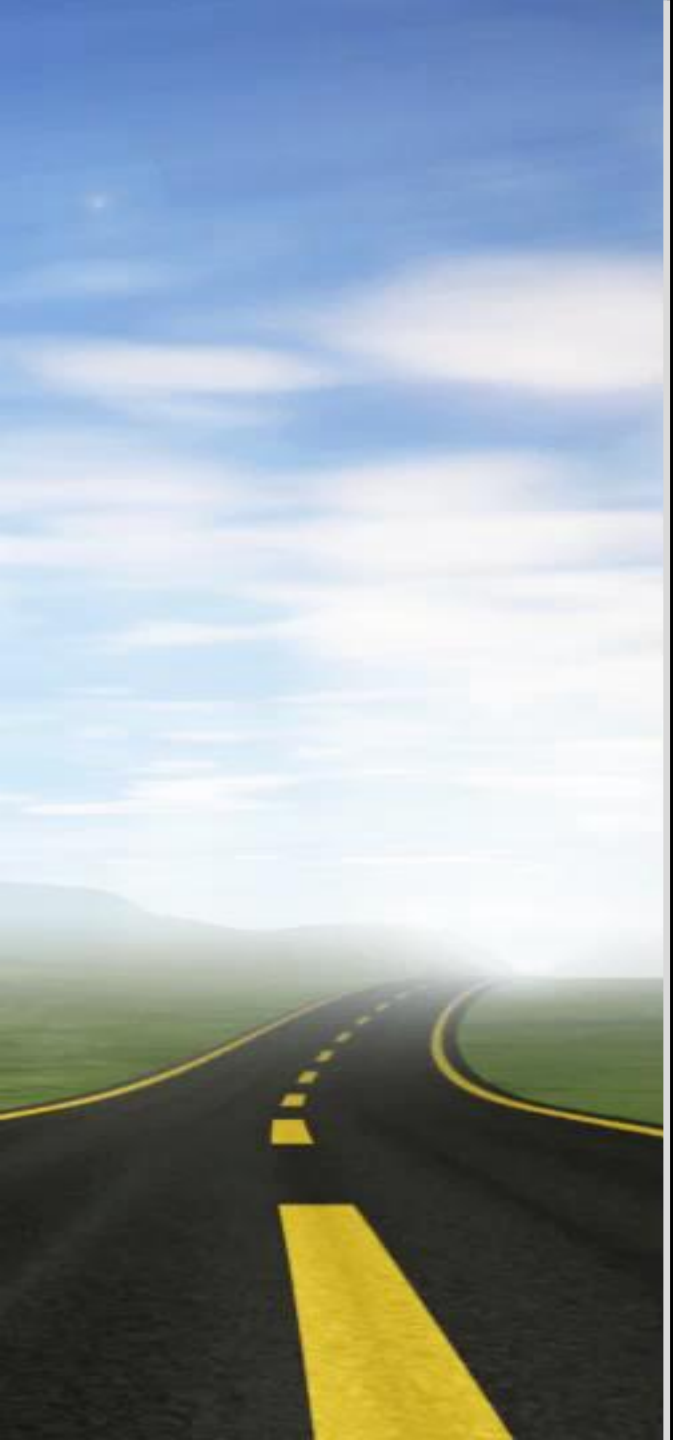
FORCE	DESCRIPTION	RATING
Insignificant	None.	1
Minor	Minor force.	2
Moderate	Moderate force.	3
Major	Almost maximum individual can exert.	4
Extreme	Maximum individual can exert.	5
When there are significant multiple forces involved, use the next higher rating.		



ERGONOMIC FREQUENCY

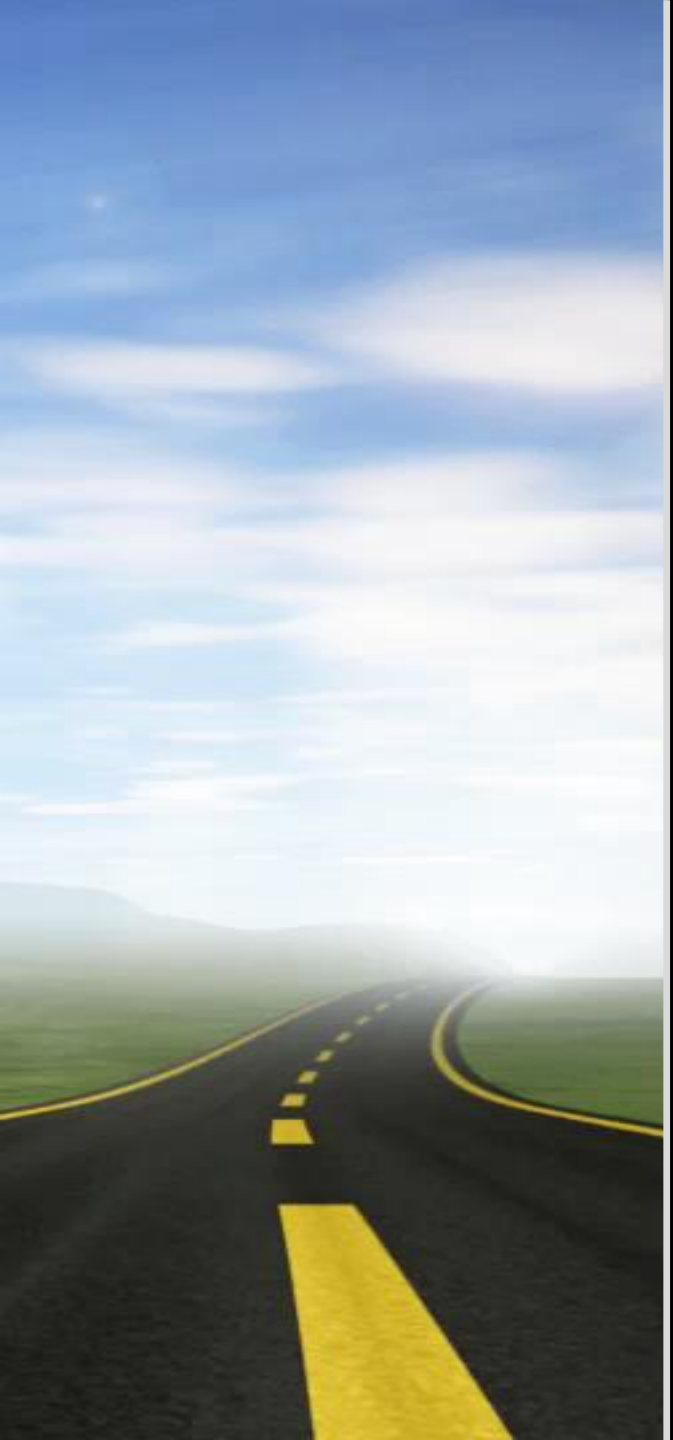
The frequency of someone being exposed to the hazard will be determined by:

FREQUENCY	DESCRIPTION	RATING
Insignificant	Very little movement, mostly at rest, almost everyone considers very easy job.	1
Minor	Easy job for most but some consider it somewhat tiring by end of day. Plenty of down time.	2
Moderate	Moderate movement but enough rest time from movement to generally recover. Moderate amount of downtime.	3
Major	Very tiring with most everyone feeling exhausted well before the end of the day.	4
Extreme	Constant, no rest between tasks, almost everyone considers extremely demanding job. Nobody likes to do this job.	5
When there are significant multiple movements involved, use the next higher rating.		



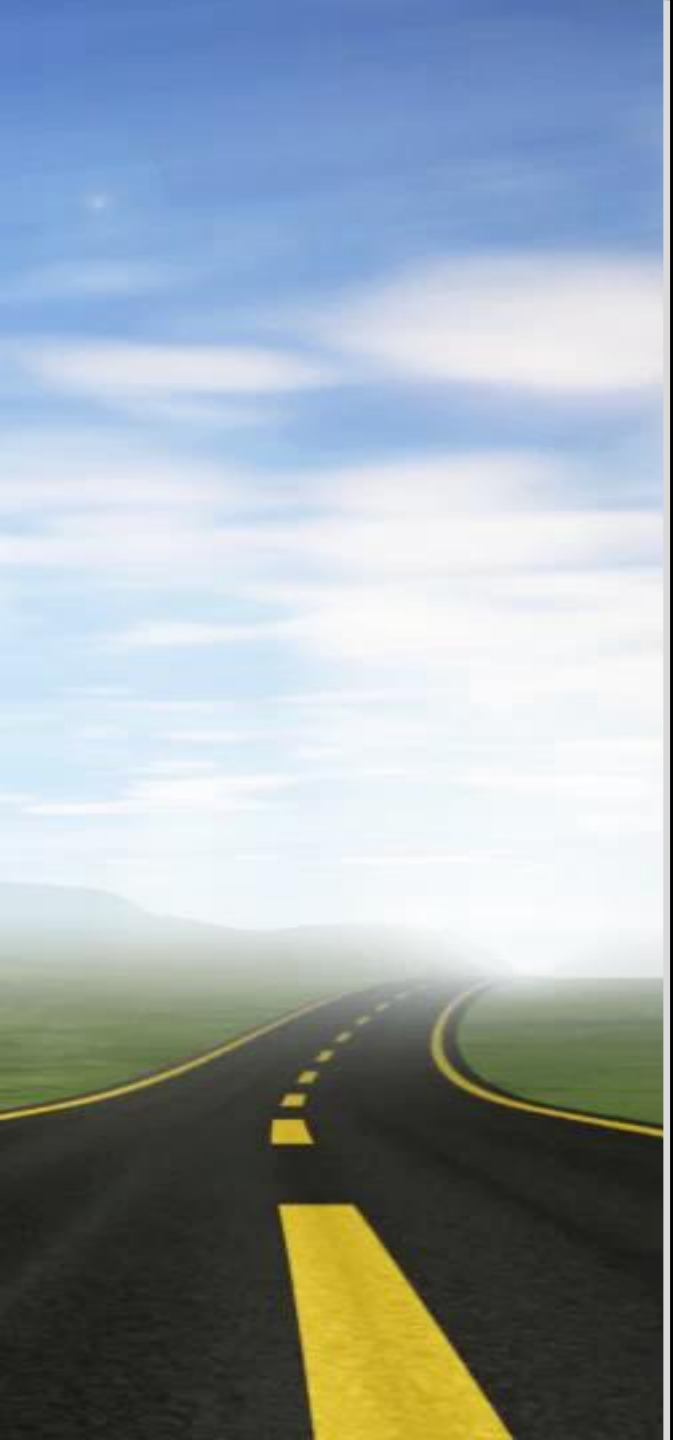
What if one person ranks a hazard differently from another?

One person at this site is responsible for reviewing all entries. Typically this is the Safety Manager or Safety Coordinator. A quick review and follow-up conversation as the first entries are conducted is all that is needed to quickly get everyone ranking hazards consistently.



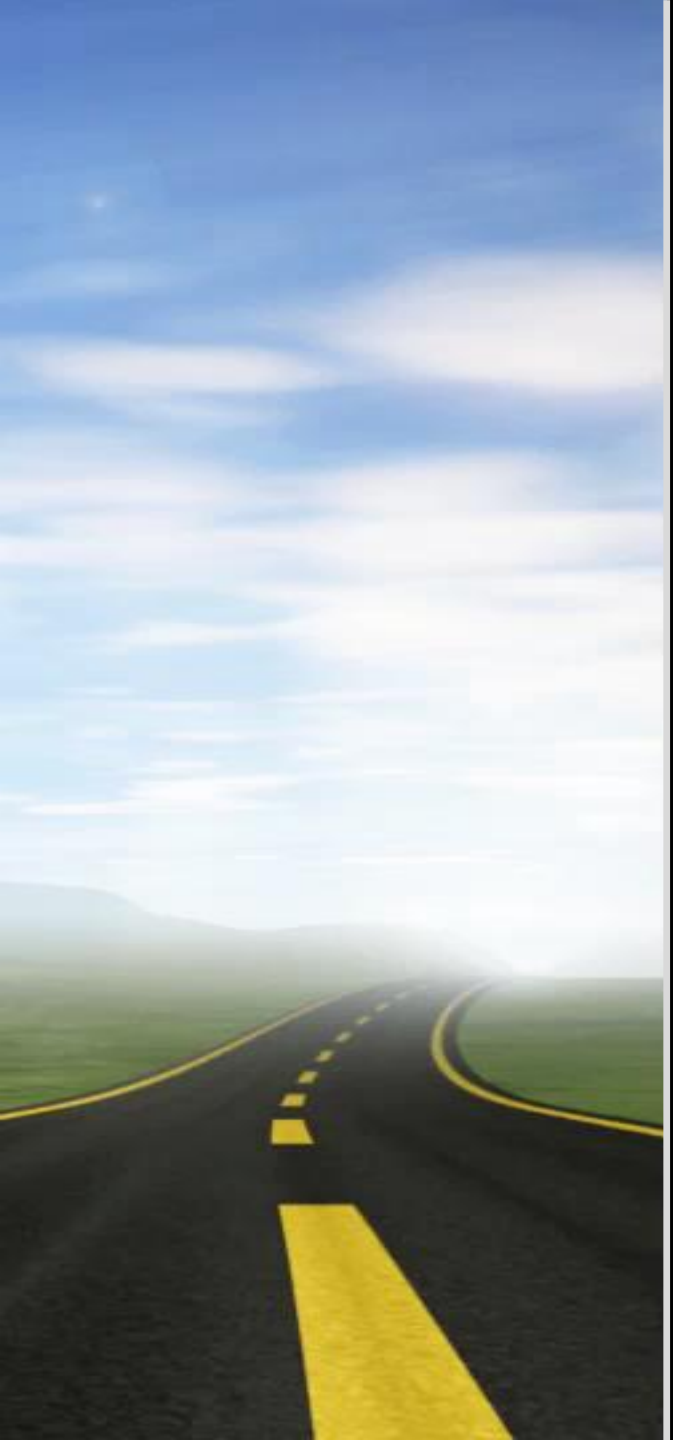
What hazards will work to obtain risk reduction points?

Any hazard anywhere. If it has the potential to allow someone to get hurt, something likely can be done to lessen the likelihood of an accident. Just think in terms of severity, probability, and frequency. If you are considering an item and it has a component of each of these, than it is a hazard with a risk of someone being hurt.



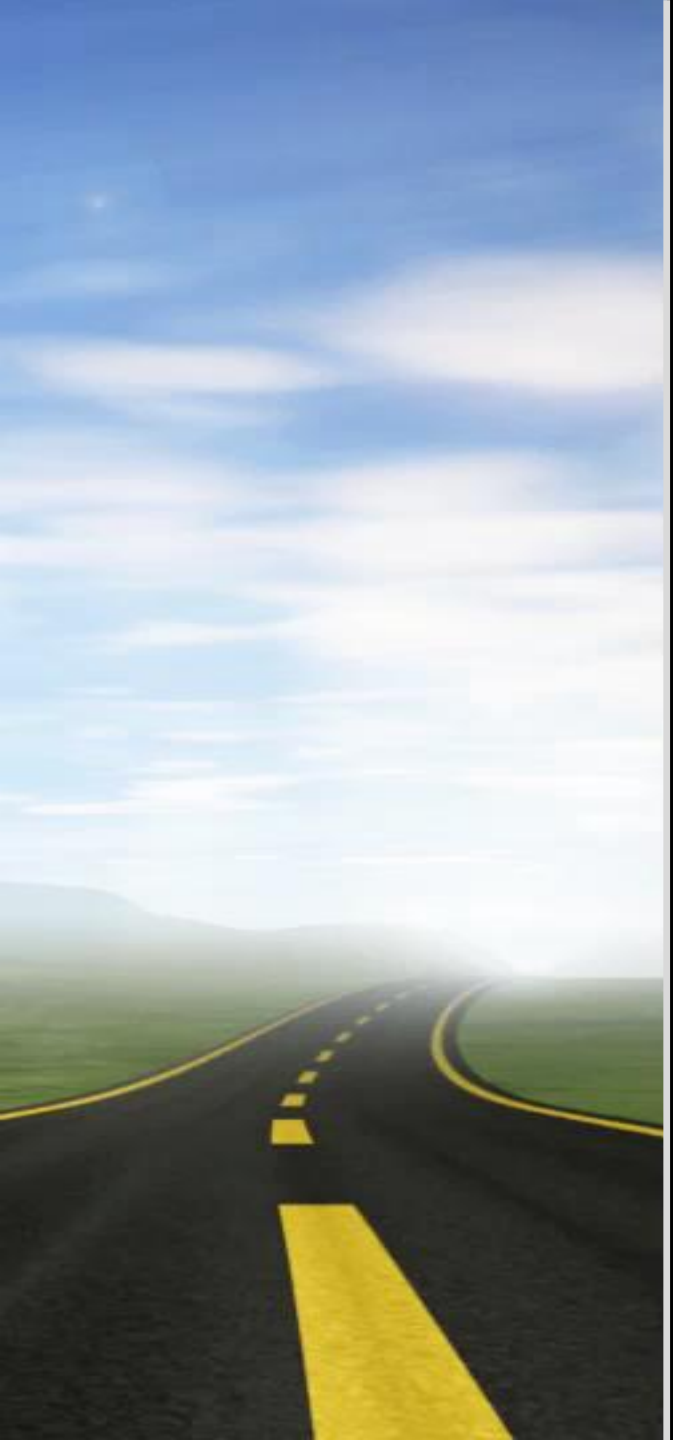
How do I come up with ideas?

Talk with your subordinates and fellow employees. Listen. Observe. Ask. Look at what other areas have done.



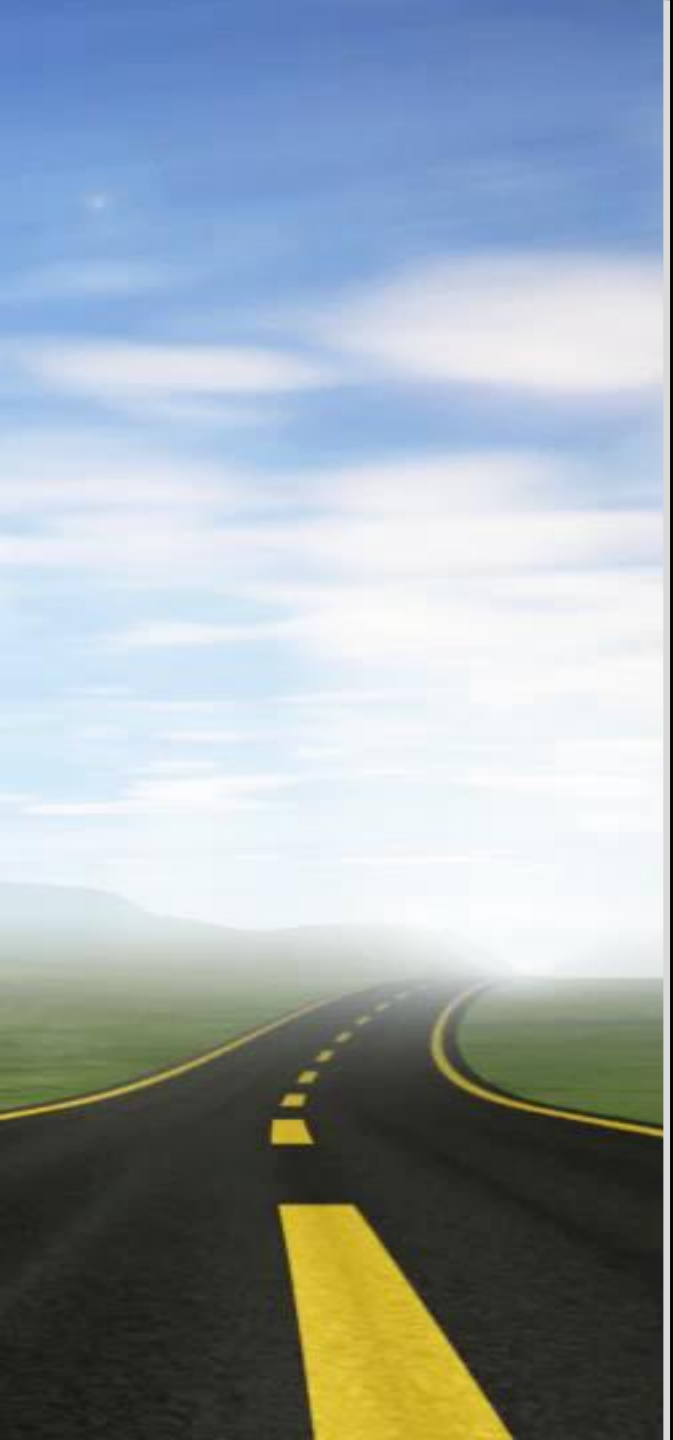
What if I have a small department with very few hazards and a perfect safety record? How can I find enough points to meet my goal?

- Any hazard you identify in any area is credited to your risk reduction point total when resolved. Share your knowledge if you have been successful!
- If observation process is being used, you can simply obtain risk reduction points by observing and documenting safe behaviors of others – from any and all areas.
- As you approach a hazard free workplace, some companies choose to start including hazards from the home, which opens up a whole new world of opportunities.



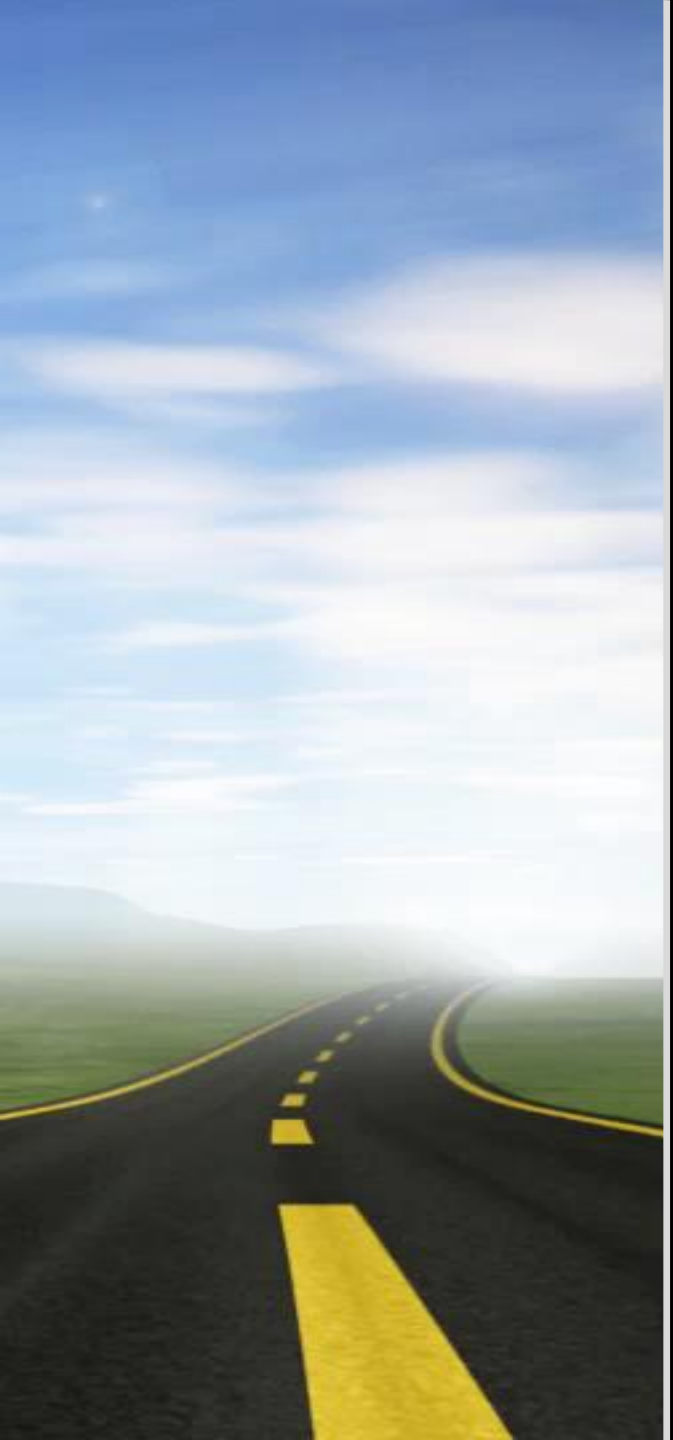
How will hazards I identify in other areas ever get resolved if I have no control over getting them resolved?

The SMART!Hazard Manager software has a built in prioritization process with due dates that will be tracked, published, and managed.



What if I have a low ranking hazard that falls to the bottom of the prioritization process?

Not all hazards can be addressed at once. If it is looking like your hazard may not get the necessary resources for quite some time because of its ranking, then work harder at finding higher ranking hazards. Just because it's identified as a hazard, does not mean that resources need to be diverted from higher priority hazards.



How do I get started?

Log into your SMART!Hazard Manager app from your smartphone, tablet, iPad, or PC and enter your first hazard.

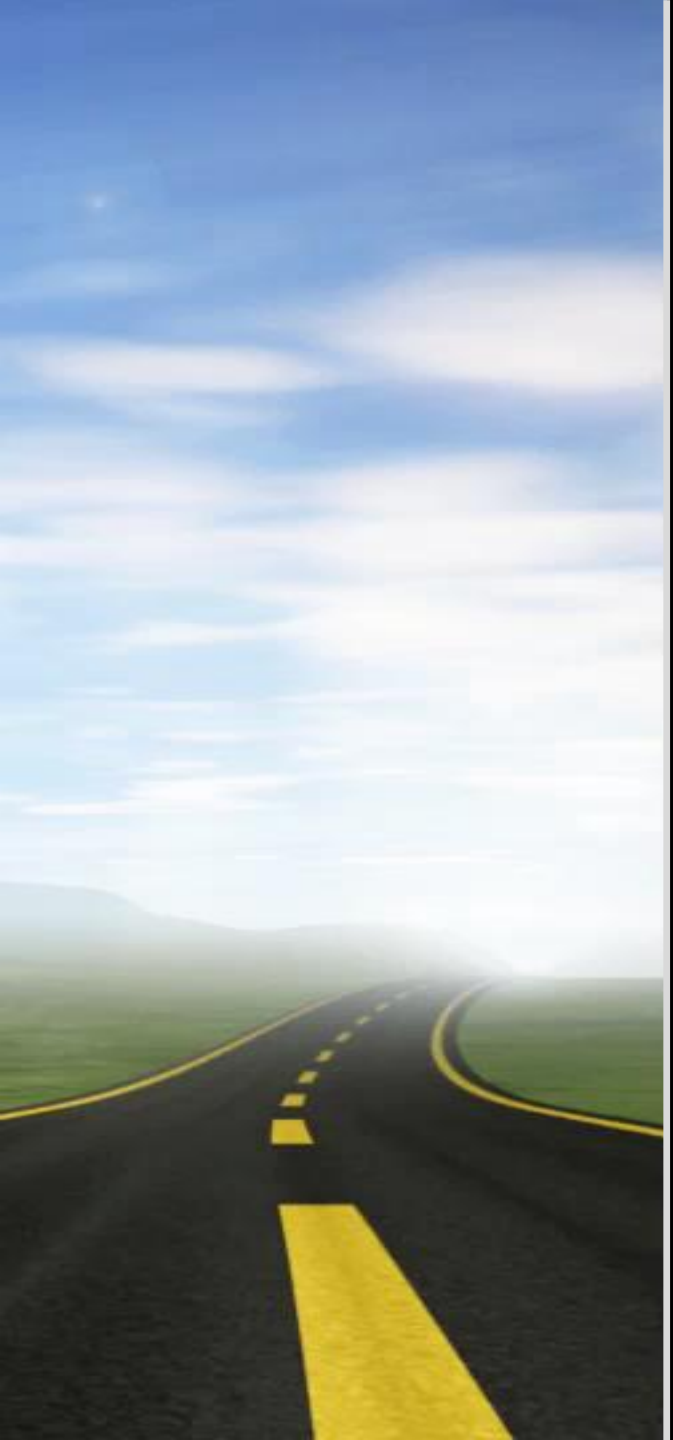
Then simply rank the:

Severity

Probability

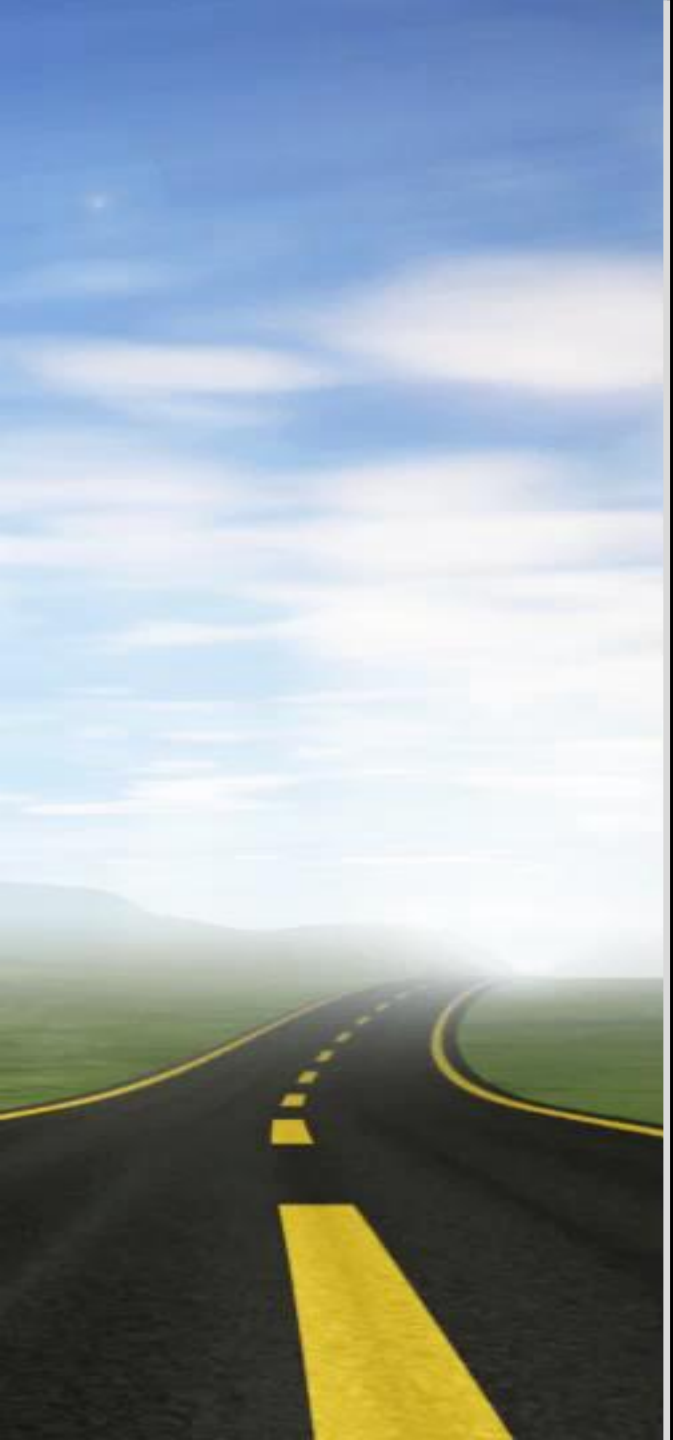
Frequency.

It’s that simple.



Why do we really want to identify and resolve more hazards and unsafe behaviors?

Please read the following story:



Mark Dunwoody, who was the facilitator in the development of this safety app, tells this story:

“Two weeks ago today, I had surgery on my right big toe to enable me to bend my toe, in a somewhat normal way again. The surgeon described it as “a very simple procedure”, and stated, “you’ll be back in no time”. After two weeks of the most intense pain I’ve ever had in my life, I can finally almost sleep part way through the night. During the day, I can almost make it a couple of hours ,without having to lie on my back, and elevate my foot for 15-20 minutes. I tried three different prescriptions of pain medications. Each time I spent the next 6 hours scratching like a monkey, because I was allergic to each one I tried. Trying to sit at a desk with my foot elevated up to my heart’s level, although pretty comical to observe, proved to still be too painful. I couldn’t even get 15-20 minutes worth of work done on my PC at any one time - even today - two weeks after the surgery.”

“All in all, this has been a very enlightening experience. It illustrates the true cost of what happens when an accident, in the workplace, is not prevented. My “injury” was done intentionally, by my choice, in a clean, sterile, precise, and well thought out process. This was the exact opposite of any workplace injury. In other words, the typical crushed toe would involve much, much, much, more suffering than I’ve endured”.

This is really what the SMART!Hazard Manager is all about. Yes, it prevents accidents and the associated costs, but it will also save fellow employees and their families tremendous pain and suffering.

Reducing hazards and unsafe behaviors will reduce accidents.

If you stop and think about it - ALL safety efforts, ALL accident prevention efforts, should be about reducing hazards and unsafe behaviors.

Start managing with the RISK REDUCTION Metric!

It works much better and takes less time than what you do now!

SMART!Hazard MANAGER

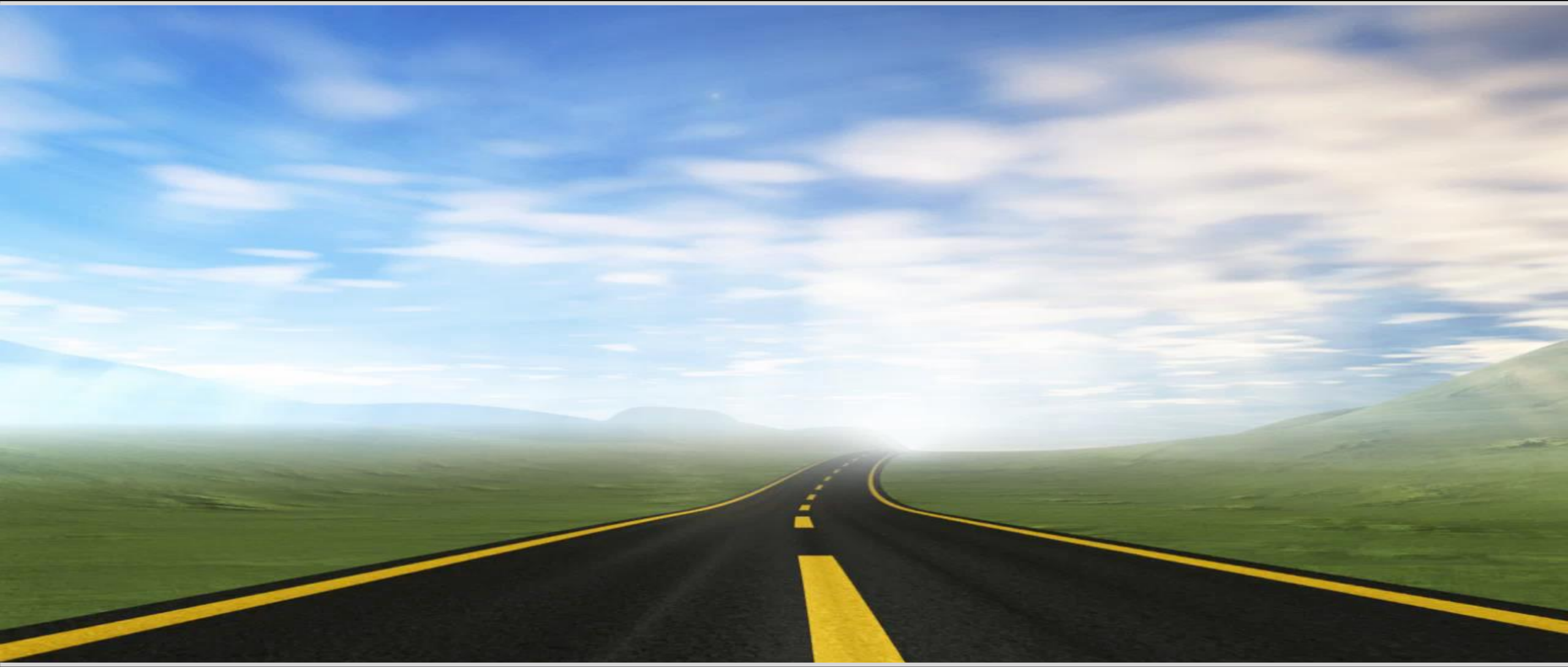
REV 1/1/2015

PRICING

(30 day full refund)

Multi-site license discounts available.

PACKAGE DESCRIPTION	Basic Monthly	Basic Complete Monthly	Basic Annual	Basic Complete Annual	Jumpstart	Jumpstart Complete
PRICE	$200/mo	$400/mo	$1,835	$3,670	$4,500 + travel expenses	$6,335 + travel expenses
Annual Renewal rate	-	-	$1,835	$3,670	$1,835	$3,670
Customized look with your logo & colors	√	√	√	√	√	√
Import your existing hazards and corrective actions			√	√	√	√
Up to four webinar workshops for supervisors/managers explaining the basics of identification and minimization of hazards and how to incorporate the Risk Reduction Ratings into everyday processes.			√	√	√	√
Observation tracking with mobile device and incorporation into Risk Reduction management process.		√		√		√
2 ½ day site assessment to jumpstart SMART!Hazard Manager. Includes: • 1 year license to SMART!Hazard Manager • Introductory manager's workshop • Hands on assessment and tool utilization training for up to 20 users • Closing report of findings/next steps workshop					√	√
Professional monthly monitoring and review of Corrective Actions with comments/concerns via email.	$500/mo					



The following 4 slides are screen shots from the SMART!Hazard Manager Dashboard

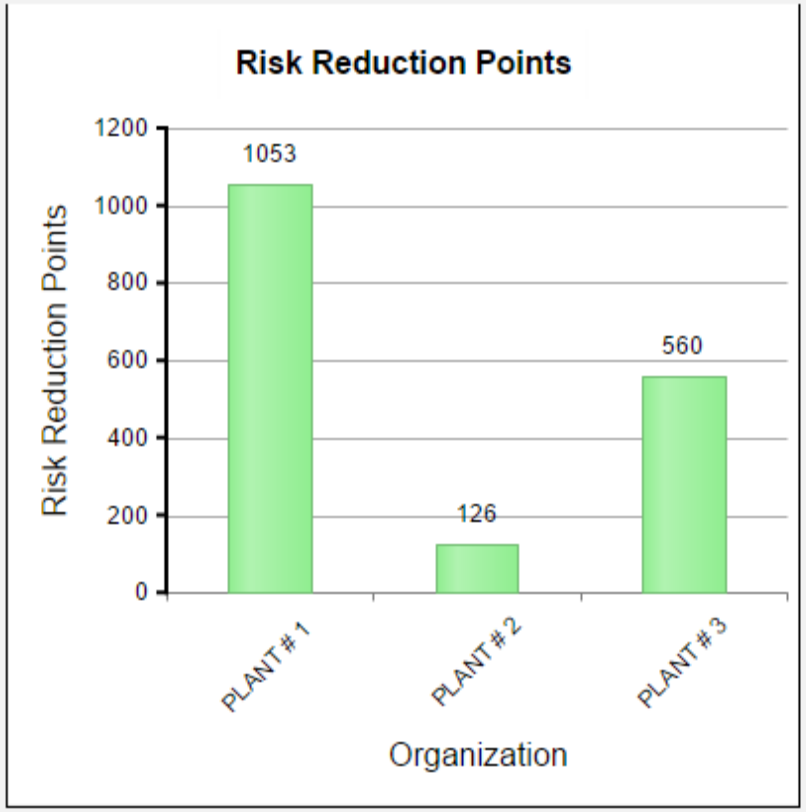
NOTE: These slides show a view from corporate of just 3 plants. The dashboard can be filtered just as easy by departments or any group.

SAFETY DASHBOARD - PREVENTING ACCIDENTS & REDUCING COSTS BY REDUCING HAZARDS

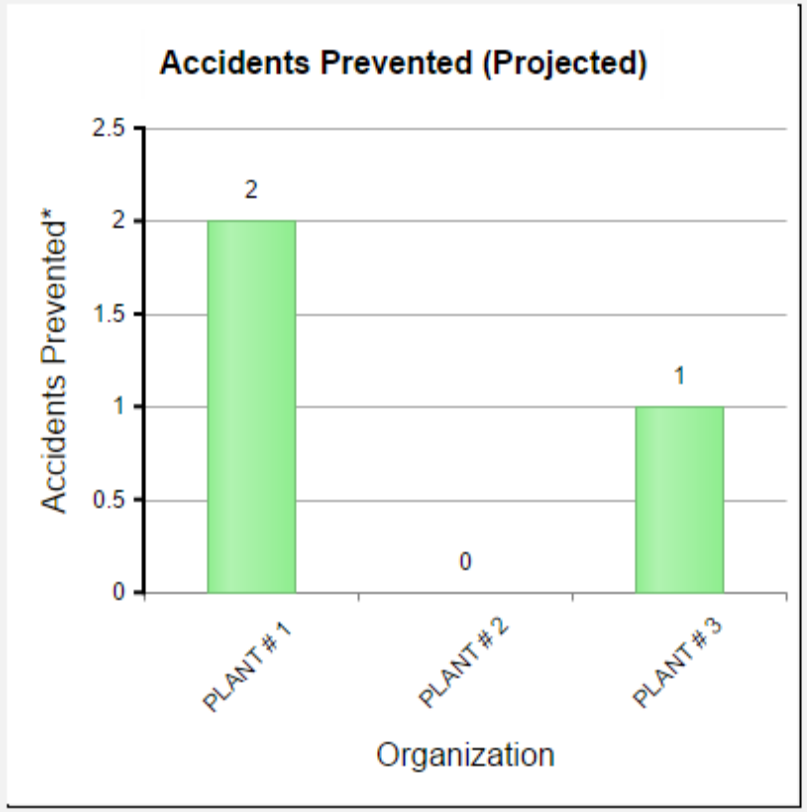
VIEWING: PLANT # 1 ; Assembly; Machine S | REFRESH | ADD NEW CONCERN | VIEW ALL CONCERNS | REVIEW CHARTS

COMPLETED CORRECTIVE ACTIONS

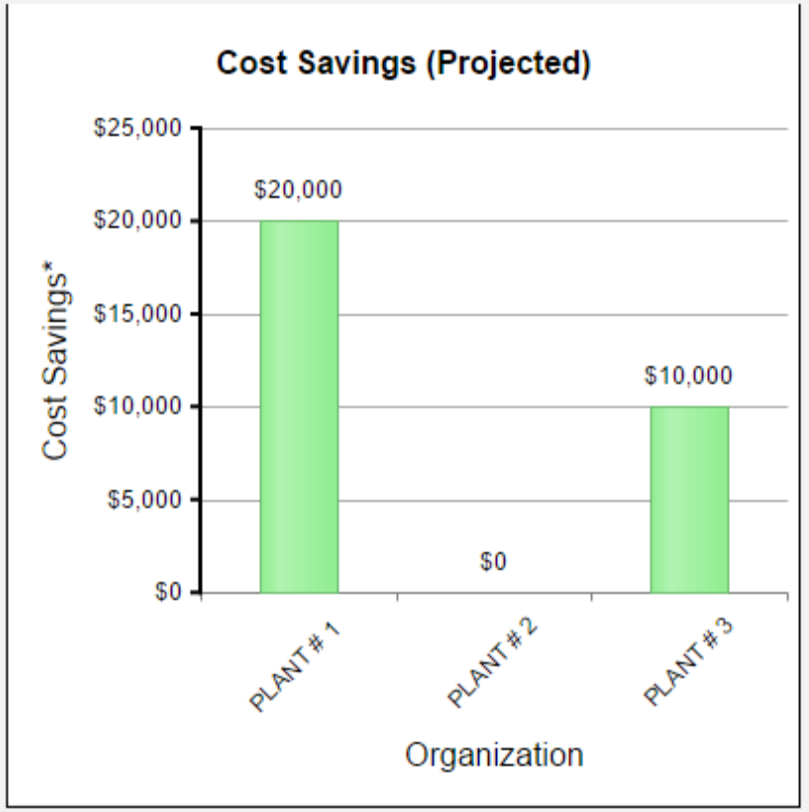
PERIOD: Last 12 Months



Risk Reduction Points are the difference between the original risk and the residual risk of each hazard entered into the system. To improve your score, get out there and identify and resolve more hazards and unsafe behaviors!



* 500 Risk Reduction Points = One Accident Prevented



* One Accident Prevented = $10,000 in Cost Savings

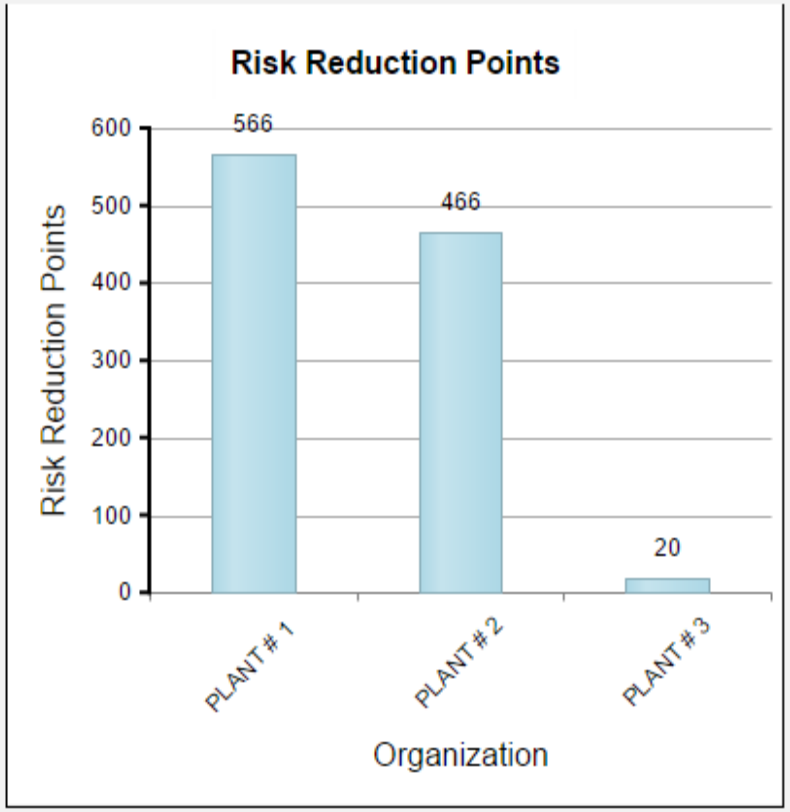
SAFETY DASHBOARD - PREVENTING ACCIDENTS & REDUCING COSTS BY REDUCING HAZARDS

VIEWING: PLANT # 1 ; Assembly; Machine S

REFRESH

ADD NEW CONCERN | VIEW ALL CONCERNS | REVIEW CHARTS

IN PROCESS CORRECTIVE ACTIONS



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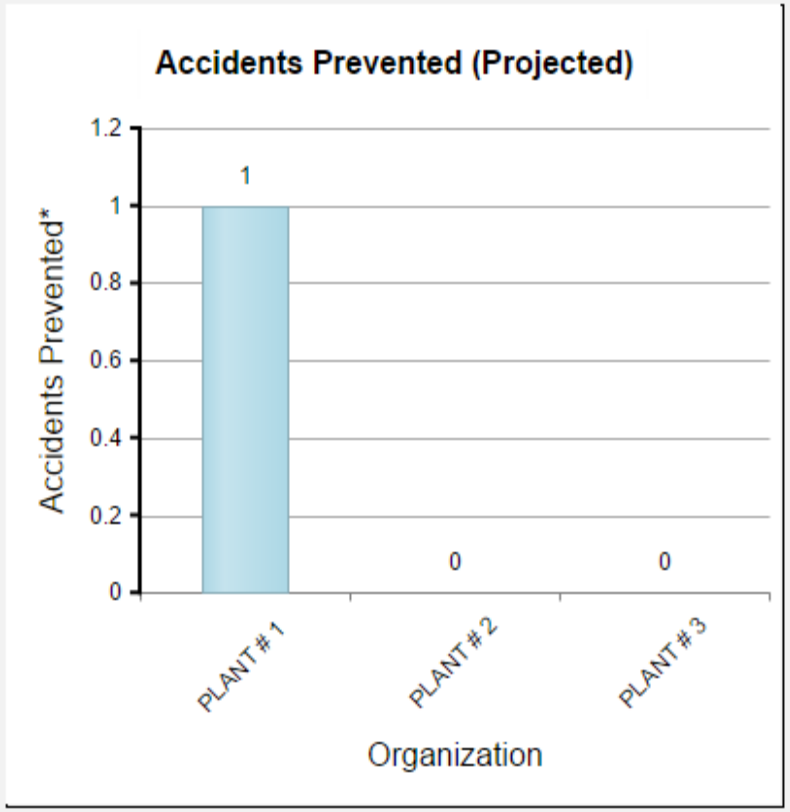

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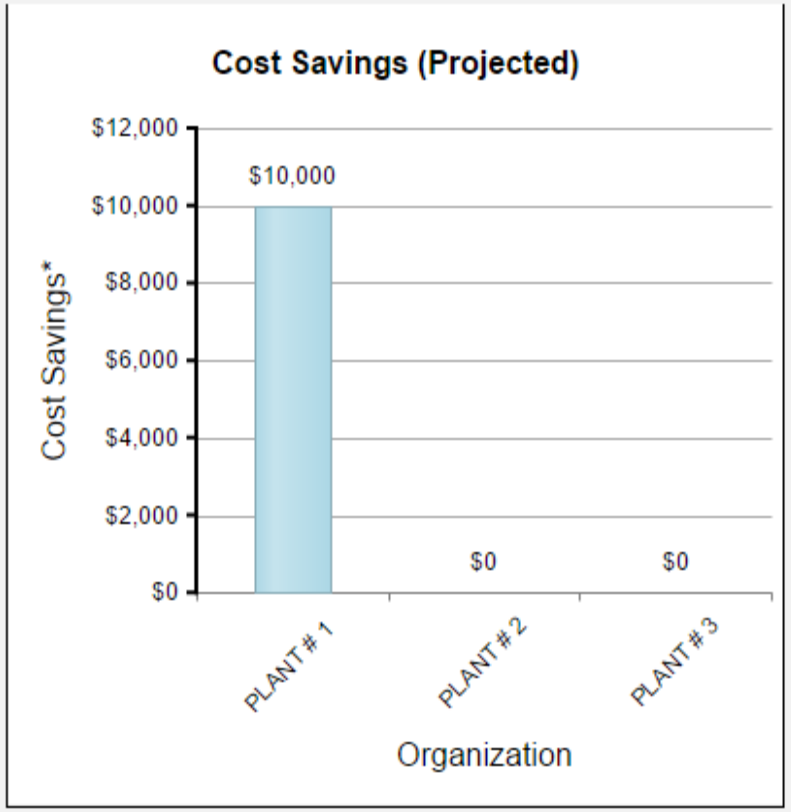

* One Accident Prevented = $10,000 in Cost Savings

SAFETY DASHBOARD - PREVENTING ACCIDENTS & REDUCING COSTS BY REDUCING HAZARDS

VIEWING: PLANT # 1 ; Assembly; Machine S ⓧ ▼ REFRESH

ADD NEW CONCERN | VIEW ALL CONCERNS | REVIEW CHARTS

SimplySMART!Safety

DEMO COMPANY | HOME | MY MODULES | ADMIN | MY ACCOUNT | HELP | ORDER NOW

TOP OPEN CONCERNS AND ACTION ITEMS

ID #	Organization	Department	Concern	Risk Rating	Corrective Action(s)	Due	
72	PLANT # 1	Receiving	Dislodged horizontal beam in pallet rack @ L201B..	100	[Engineering] Unload bay, check for damage, reset or replace rack as needed	01/23/2015	VIEW
40	PLANT # 2	Assembly	MISSING GUARD ON SAW	93	[Engineering] REPLACE GUARD	06/17/2014	VIEW
63	PLANT # 2	Assembly	Fork truck drivers going forward with large loads, some elevated above line of sight so they could	87	[Administrative] Review material and then retrain all drivers. Implement discipline procedures for violations, including supervisors.	10/23/2014	VIEW
53	PLANT # 1	Assembly	On workstation 81 pushing knob into clear pack requires excessive force to hand/wrist.	87	[Engineering] Work with QC and vendor to get clear pack made to specifications.	11/30/2014	VIEW
18	PLANT # 2	Assembly	Pump is not working, several gages are missing and/or not working	87	[Engineering] Fix pumps and gages.	01/18/2015	VIEW

SAFETY DASHBOARD - PREVENTING ACCIDENTS & REDUCING COSTS BY REDUCING HAZARDS

VIEWING: PLANT # 1 ; Assembly; Machine S ⓧ ▼ REFRESH

ADD NEW CONCERN | VIEW ALL CONCERNS | REVIEW CHARTS

CORRECTIVE ACTIONS PAST DUE