



What is Up With this B.S. -Being Safe – Culture

Eldeen E. Pozniak BS, BSc, CHSC, CRSP, CHSMSA, CMIOSH, MIIRSM

Pozniak Safety Associates Inc

What is Up With this B.S. -Being Safe – Culture on the Farm



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Organizational to Individual Decisions Contribute





GOOD CHOICE →
← BAD CHOICE



Safety Management System

Dan Peterson – Safety Systems

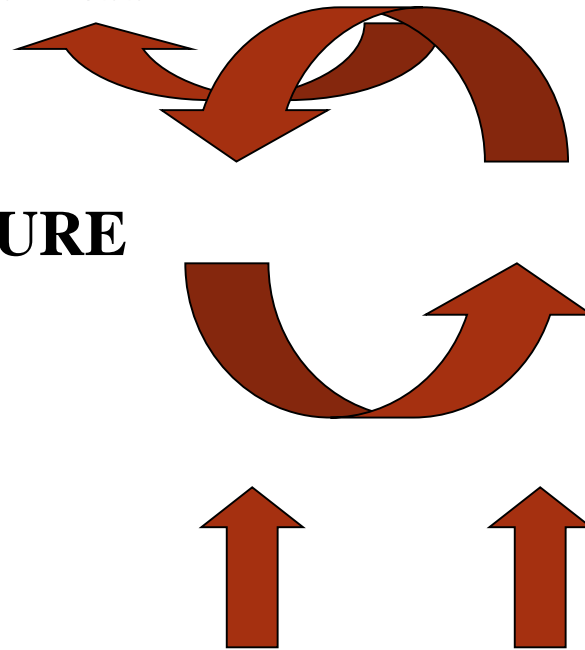
**Safe
Sustainable
Business**

CULTURE

STRUCTURE

POPULATION

SITUATION





GOOD CHOICE →
← BAD CHOICE



Safety is Not Common Sense

Its Definitions

&

We get to Play with Peoples Definitions



When you think of Family,....

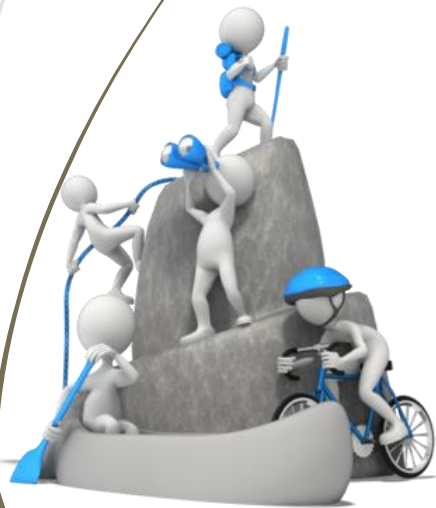


When you think of Family,....





When you think of a Good Time,....





What affects our definitions,...

**Dependent on your personal
thoughts,...experiences,... history,... attitude,..
what you have been exposed to,...what you
value,.....**

**Our definitions –
how we see the world affect how we act or
react,...what we choose to do or not do**

Common Sense or Definitions

- Why do you do safety?
- How do you do safety?





When you think of Safe
Versus UnSafe,....



Safe VS Unsafe









When you think of Safe
Versus UnSafe,....







Man, 19, thrown from tractor dies near Humboldt



38



5



43



CTV Saskatoon

Published Wednesday, April 23, 2014 5:26PM CST

A 19-year-old from Muenster, Sask. died Wednesday morning after he was thrown from a tractor.

RCMP were called to a rural road three kilometres west of Burr, Sask. around 9:20 a.m. The man was driving west when the bucket on his front-end loader contacted the road, ejecting him through the tractor's side cab door. The tractor did not roll, according to RCMP.

A passing motorist came across the scene and called 911. Emergency crews said the man died on scene.



Substandard Work
Conditions or
Environments
create injury,.....



**"This hammer keeps hitting
two inches to the left."**

Substandard
Practices lead
to injury &
illness,.....

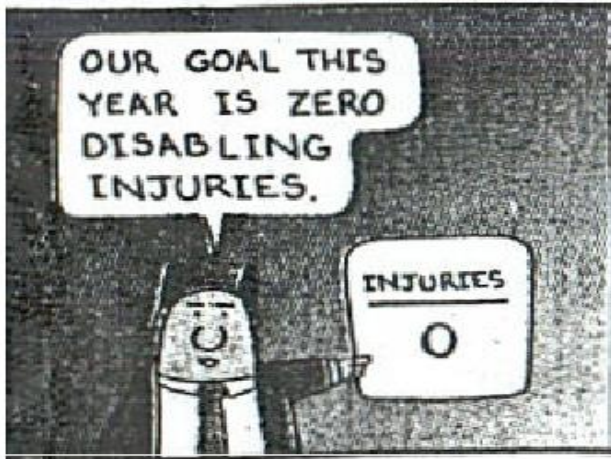
© 2002 Ted Goff www.tedgoff.com



**"Don't worry. We can skip the
safety rules just this once."**

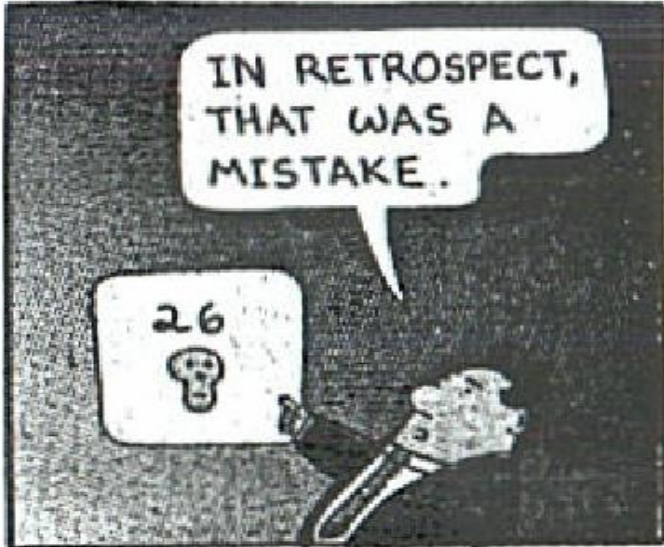
Why do You do Safety?





E-mail: SCOTTADAMS@AOL.COM





Communicate To Peoples Definitions









A different point of view is simply the view
from a place where you're not.

yourpointofview.com

HSBC 
The world's local bank





Changes in Laws - Provincial
OH&S including farming,....





The Farm Safety Guide

REVISED JULY 2010

OCCUPATIONAL HEALTH & SAFETY



Criminal Code of Canada





"I think you'll find, sir, our brochure says 'safe beach.' You must have gone into the water."

Who Does Safety & How do we get them to do it ?





**"Give the ticket to my husband.
He taught me to drive."**

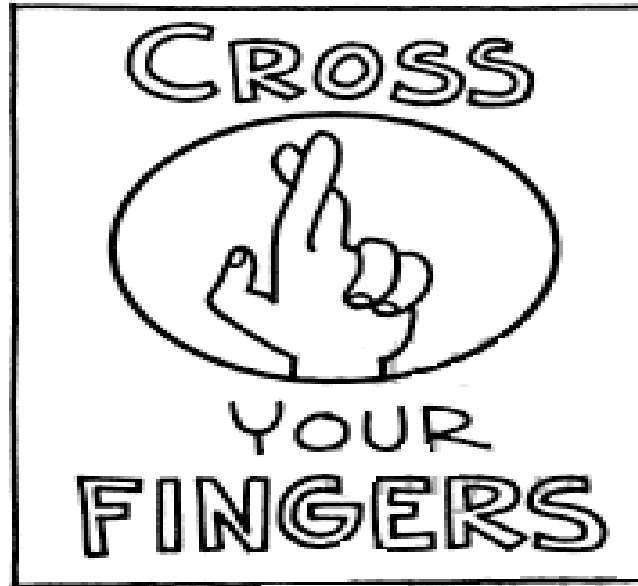


How Do You Do Safety?



Safety Plan





Goff

"We've saved a lot of money with this safety plan so far."



10 Elements of A Safety Plan



- 1. Demonstrate commitment to keeping your farm healthy & Safe**
- 2. Involve your workers**
- 3. Train**
- 4. Assign responsibilities**
- 5. Inspect – farm, equipment & processes**
- 6. ID & Control Hazards**
- 7. Prepare for emergencies**
- 8. Investigate**
- 9. Continually improve the plan**



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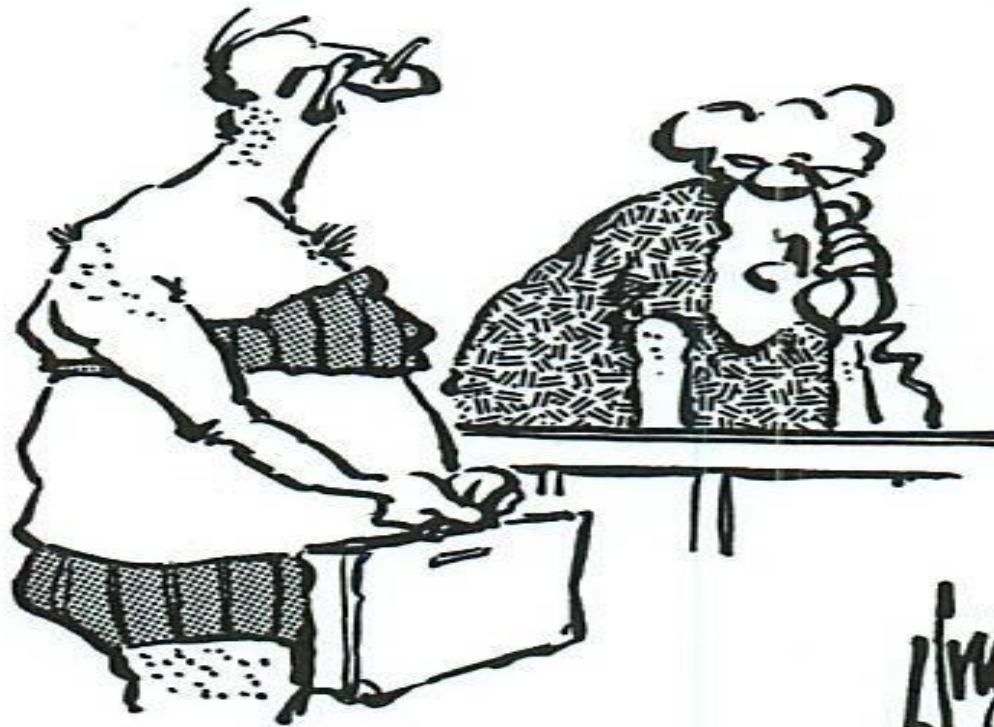
Working together



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**"I don't have time to read
all these safety rules."**



**“Did you advertise for an experienced
salesman in ladies underwear?”**





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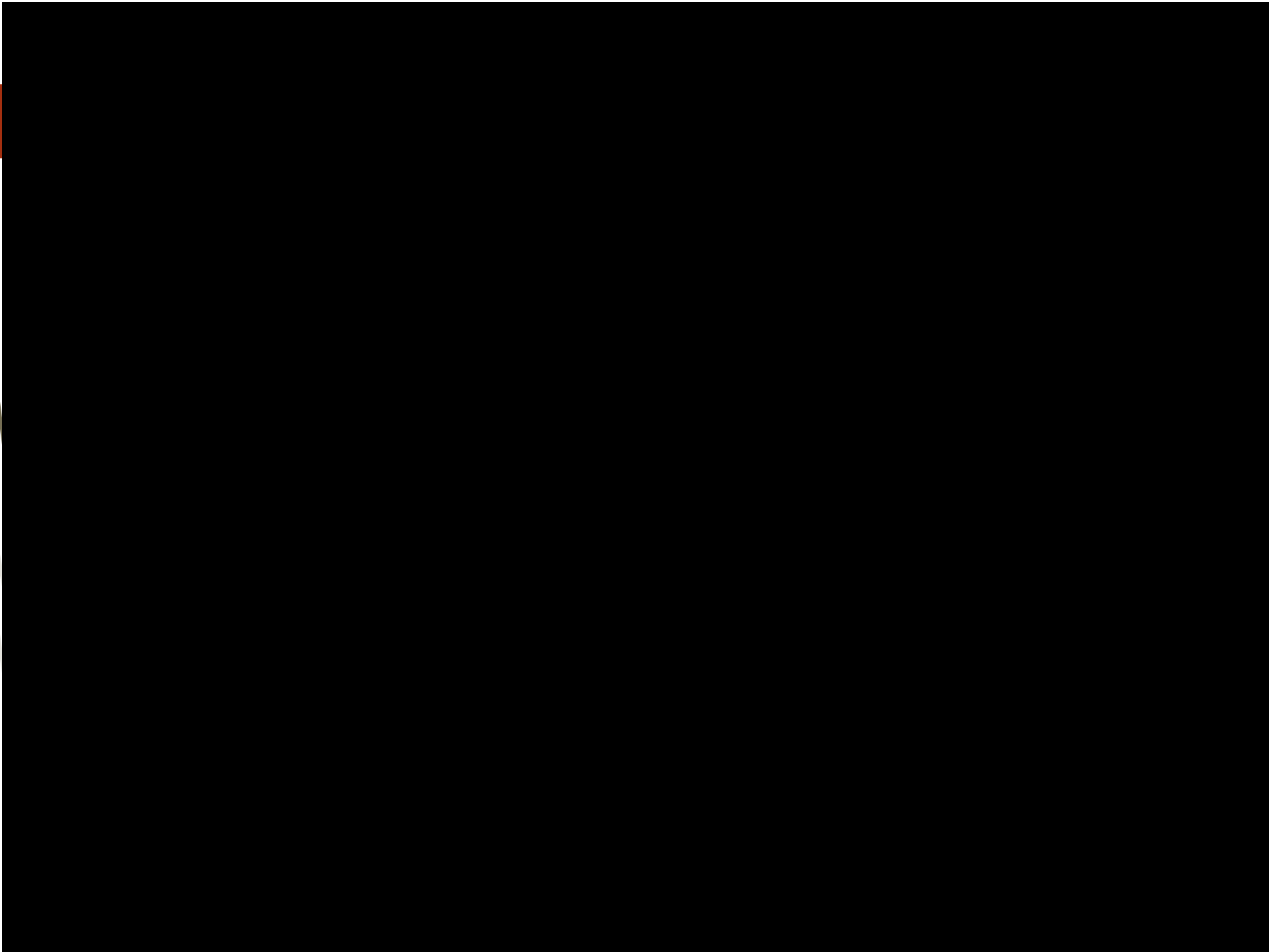


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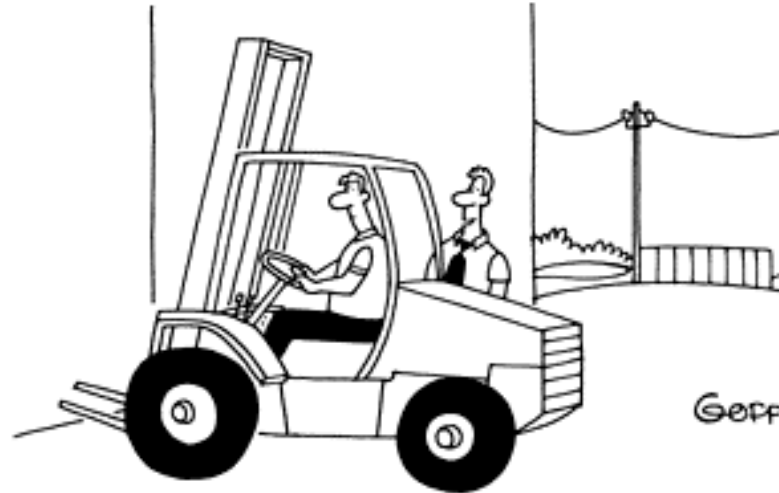
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“Don’t step on it . . . it makes you cry.”



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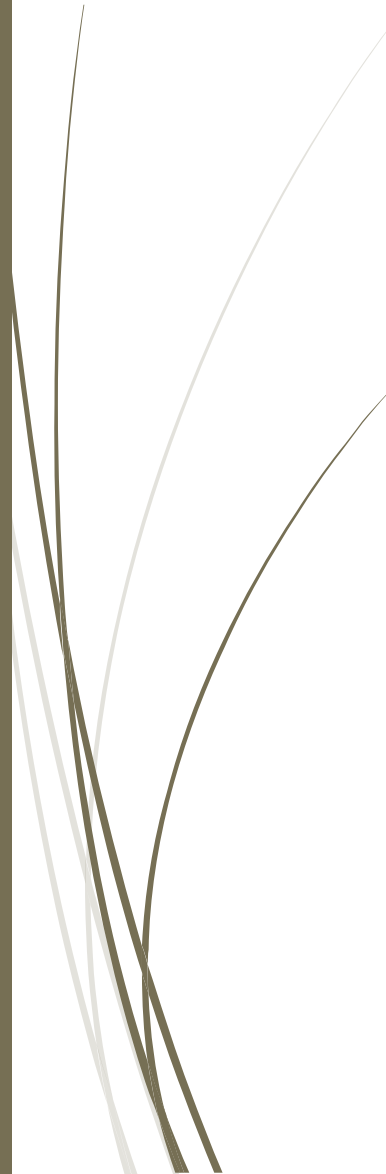


"We don't have the manual, so just start pushing buttons and things until you know what you're doing."



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Tractor

- Rollover protective structure used and seat belts installed
- All shields and guards (e.g.: PTO) installed
- Proper hitching attachments (i.e., draw bar and safety chain) are used
- Hearing protection available (tractor cab or ear protection)

Vehicles, Tools, Machinery, etc.

- Tools, machinery, equipment maintained
- Vehicles maintained
- Lockout mechanism available
- All shields and guards installed
- Hearing protection available
- Hydraulic hoses in good repair
- All warning decals and engine shut-off instructions visible
- Lights and wipers working
- Slow Moving Vehicle sign attached
- Brakes in good working order
- Battery in good condition

- Operator's platform clear of debris
- Visibility clear
- Fire extinguisher on machine

Fire Protection

- Isolate all sources of ignition
- Extinguishers (full) in hazardous areas
- No smoking signs in hazardous areas
- Exits clearly marked in hazardous areas
- Proper electrical installation
- Flammable materials stored safely
- Fire emergency numbers listed near telephone
- Emergency fire plan posted

Orientation and Training

- Workers trained in work safe procedures
- Workers receive adequate supervision
- Workers trained in proper lifting, moving and repositioning

Chemical Hazard & Biohazard Protection

- Chemicals stored safely and labeled properly
- Biohazards identified and dealt with safely
- Warning signs posted
- Proper Personal Protective Equipment (PPE) such as eyewear and protective clothing is available and in good condition
- Emergency numbers posted

Other Emergency Preparation

- Emergency plan posted
- Emergency numbers posted
- First aid supplies for all workplaces

Farm Buildings

- Fire exits clear
- Aisles, stairs, ladders and floors uncluttered and in good repair
- Light and ventilation adequate
- Buildings free of hazardous materials
- Hazardous ladders/openings/protrusions guarded

- Toilet/waste disposal facilities adequate
- Electrical fixtures suitable

Farm Yard

- Assigned play area for children away from work areas
- Protection from enclosed spaces such as cisterns, wells, manure pits, feed silos
- Protection from dugouts
- Grain bins located away from electrical hazards
- Identify and post all overhead power lines where high equipment (e.g., grain augers) is used

Work Environment

- Adequate lighting and ventilation for the work tasks
- Protection from extremes of temperature







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B.S. - Basics of Safety



What Do You See?





02/01/2007 1:05 pm

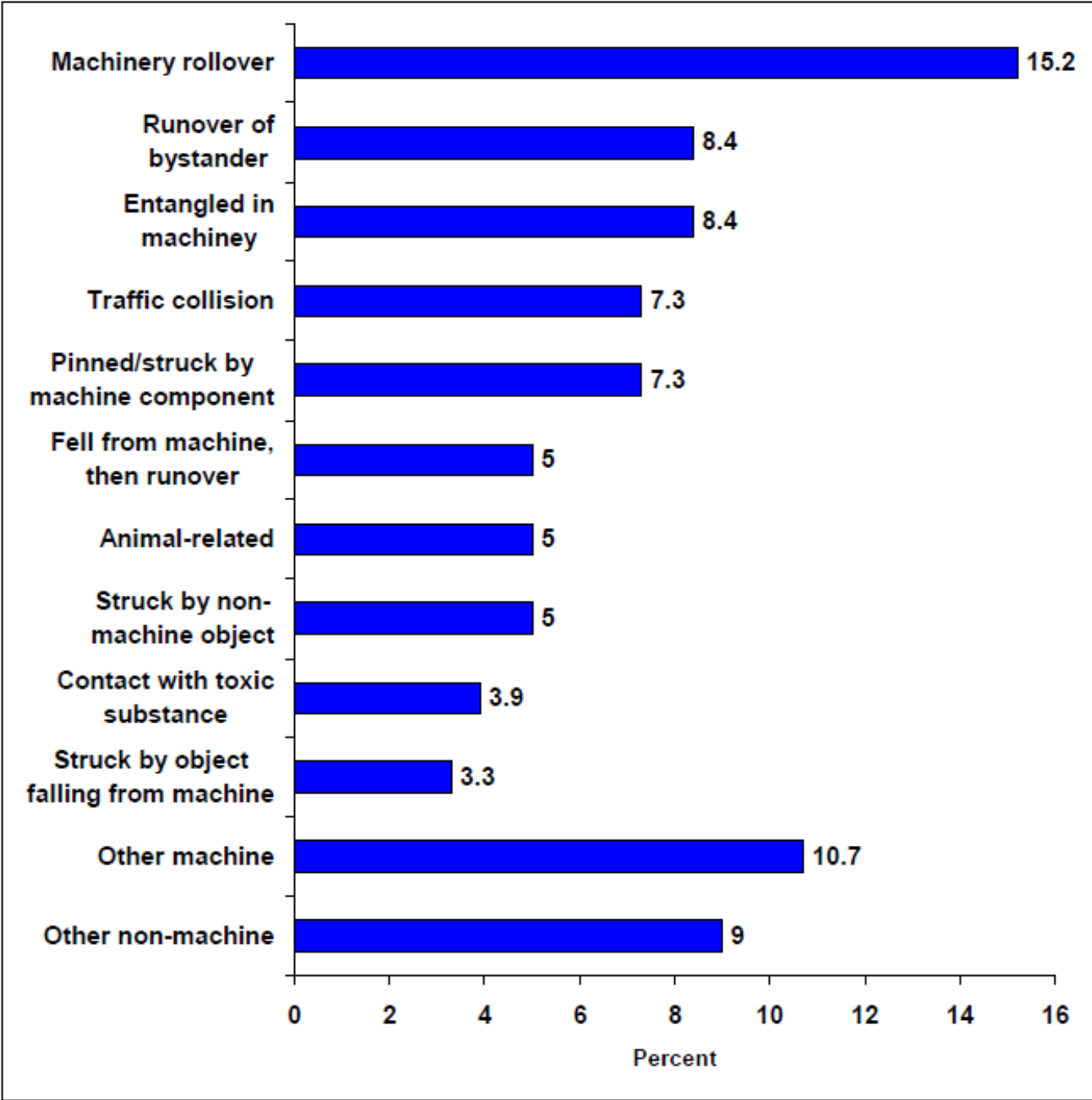
Think this picture is cute?

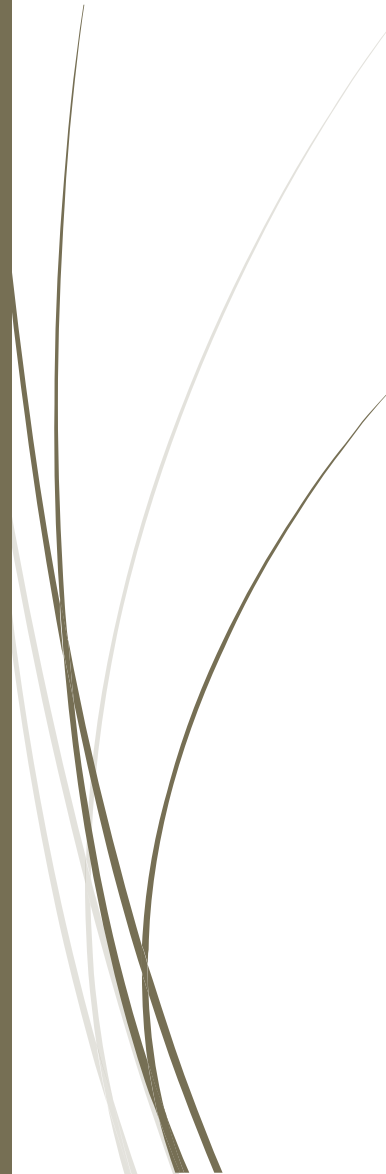
Look closely.



You CAN prevent dog bites.

Learn more at www.DogingtonPost.com














Tractors & ROPS

- Tractor rollovers account for 88% of all farm machine rollover fatalities
- 



Tractors & ROPS




- Tractor rollovers account for 88% of all farm machine rollover fatalities
- ROPS should have manufacturer name plate





Tractors & ROPS

- Tractor rollovers account for 88% of all farm machine rollover fatalities
 - ROPS should have manufacturer name plate
 - Most effective when operator seatbelt is worn
- 





Tractors & ROPS



- ▶ Tractor rollovers account for 88% of all farm machine rollover fatalities
- ▶ ROPS should have manufacturer name plate
- ▶ Most effective when operator seatbelt is worn
- ▶ Increase risk when you have a second rider,... or on more than a 20% grade



ROP Up & ROP Down



Line of Sight



Chemicals

- Properties - MSDS
- How stored,... Inventory
- How Handled,... PPE
- Emergency Response
- Triple rinse method







© Pleated Jeans

Fire Safety



Milton Fire Department

Working Alone or in Isolated Places





B.S. - Basics of Safety



Evaluation of the Risk



11 to 15 in 1997 Study

**AS THE FATHER
SEES**

**AS THE CHILD
SEES**

**AS THE MOTHER
SEES**



www.microtec.net/mcordeau/









Do a 2 x 2

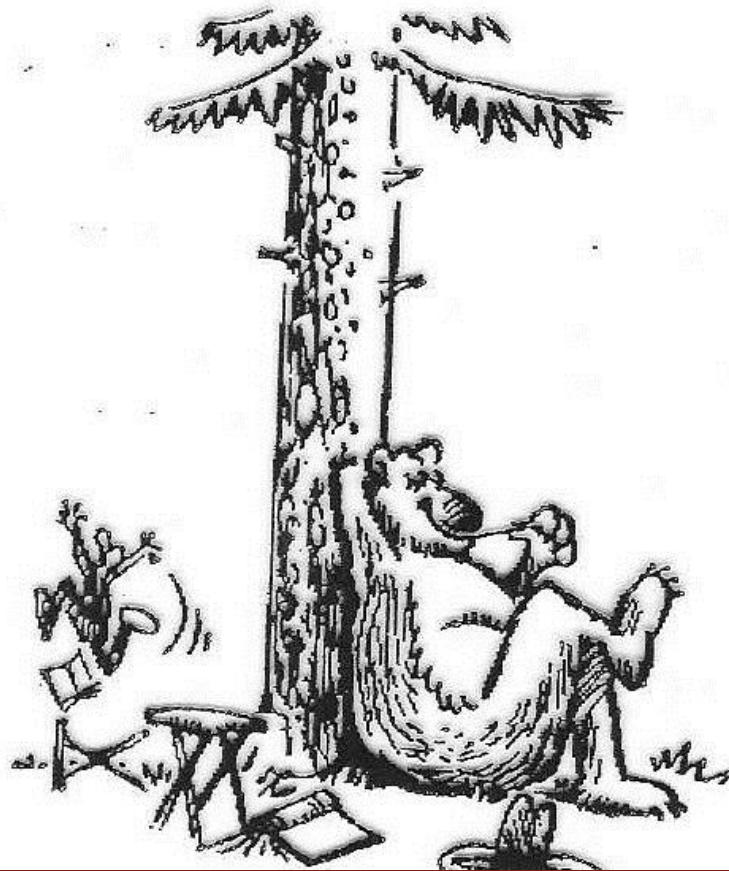
Take 2 seconds – 2 minutes

Take 2 steps back & Ask 2 questions

How can I get hurt here?

What are we doing?

“Bear” Assessment Levels

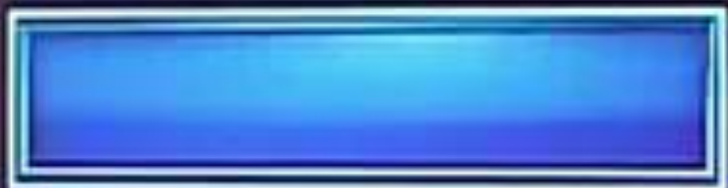
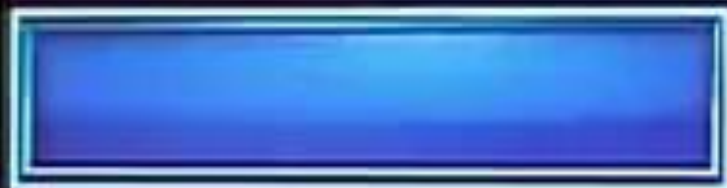





B.S. - Basics of Safety




0





Hierarchy of Controls

Control	Effectiveness	Description
Eliminate	100% Hazard Removed	Remove hazard or redesign process so hazard does not exist
Substitute	75% Hazard Reduced	Substitute hazard with something of a lesser risk (e.g., replace ladder with scissor lift, solvent-based paint with water-based)
Engineering	50% Hazard Reduced	Control hazard through isolation (e.g., machine guarding)
Administration	25% Rely on People	Control hazard by influencing people (e.g., safety procedures, signs, training)
Personal Protective Equipment	5% Damage Limited	Control hazard by use of PPE (e.g., respirator, hard hat, hearing protection)











P0336



KEEP



RIGHT

<http://go.to/funpic>

Procedures

GRAIN BIN SAFETY TIPS

- 1 Never enter a bin when the grain is waist deep or higher.
- 2 Use a body harness and lifeline/boatswain's chair.
- 3 Check bin atmosphere for oxygen content, combustible gases and toxic agents.
- 4 Provide adequate lighting in the bin area.
- 5 Be sure the person entering the bin is trained in safe entry procedures.
- 6 Lock out and tag out all energy sources before entering a bin.
- 7 Have at least two personnel on standby to assist in an emergency, with one of those people outside the bin in constant communication with the person entering the bin.

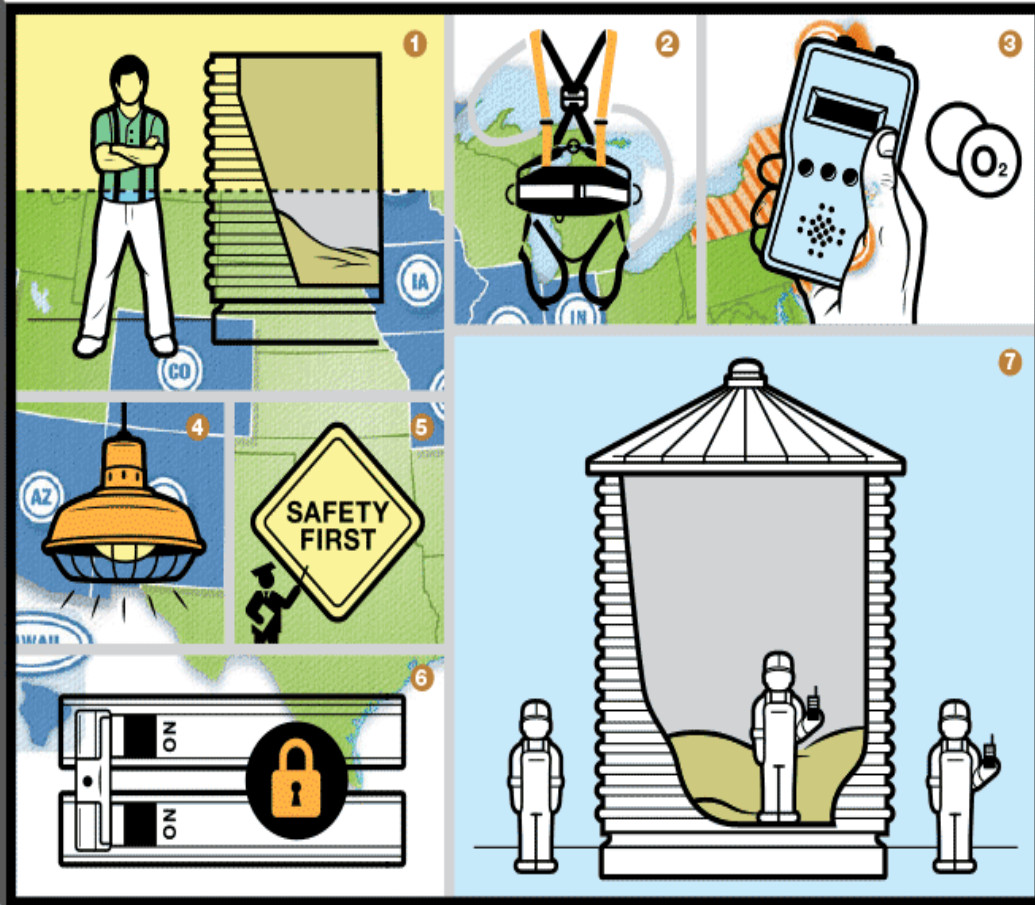


ILLUSTRATION: TODD DETWILER



PHOTO: JIMMY HARRISON/ISTOCKPHOTO.COM

Remember to ski and snowboard responsibly. www.boeris.com

boeri
it's your head



Spot the Hazard	Assess the Risk	Make the Change
Extra riders on machinery	<ul style="list-style-type: none"> • Serious injury or death from falling off and being run over or otherwise injured 	<ul style="list-style-type: none"> • No extra riders
Bystanders near machinery	<ul style="list-style-type: none"> • Serious injury or death from run over after jump starting or crushing injury caused by faulty hydraulics 	<ul style="list-style-type: none"> • Install mirrors, improve sight lines, stop look and listen, keep children and spectators away from work area, check area before starting, install backup beeper
Equipment in poor condition, jump starting	<ul style="list-style-type: none"> • Serious injury or death from run over after jump starting or crushing injury caused by faulty hydraulics 	<ul style="list-style-type: none"> • Do regular maintenance • Always do a pre-operational safety check • No jump starting
High/poor hitching	<ul style="list-style-type: none"> • Serious injury or death from backwards rollover, rollover caused by a too heavy load for the tractor, going in the ditch, runaway loads 	<ul style="list-style-type: none"> • Never hitch above drawbar, use proper draw pin/clevis, extra weight for tractor front end, use engine for braking when going downhill with heavy load
Front end loader improper, too large or too high	<ul style="list-style-type: none"> • Serious injury or death from large hay bale that can topple onto driver or bystander. • Excess weight can cause rollover, particularly in uneven terrain; high bucket can result in contact with power lines 	<ul style="list-style-type: none"> • Ensure proper sized bucket for size of tractor, don't use manure bucket for moving large bales, use restraining devices or tines, drive with bucket low to the ground



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ERP

- ▶ List out what could go wrong & what you would need to do
- ▶ Communication Systems
- ▶ Plan for Action
- ▶ Identify Resources
- ▶ Have a location description





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How Much Do I Need To Do?





TRADITION

JUST BECAUSE YOU'VE ALWAYS DONE IT THAT WAY
DOESN'T MEAN IT'S NOT INCREDIBLY STUPID.

So How Far Do I go,...





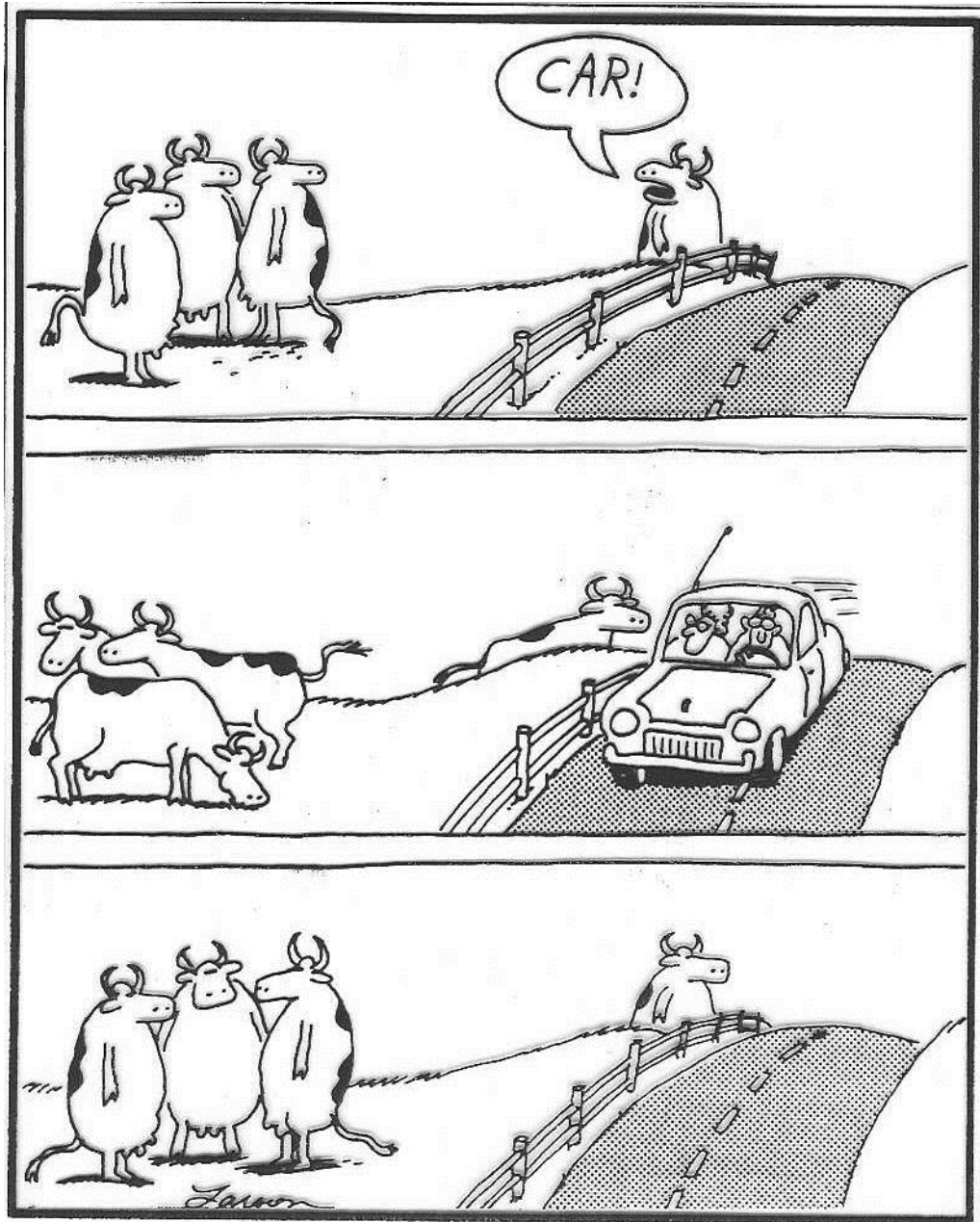
DUE DILIGENCE

- ▶ Taking all **reasonable care** to prevent the incident
- ▶ Every **precaution reasonable** in the circumstances
- ▶ **Reasonable steps**

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**"I'm holding the ladder for Bill.
What are you doing?"**



Reasonable Person or Peer

The “**reasonable person**” is a hypothetical person who is experienced, knowledgeable, motivated, unbiased and without character flaws.

The “**reasonable peer**” is the reasonable person **plus** industry or trade knowledge ... is less than superman, but more than the “average peer”.

Reasonable Peer



Superman

Reasonable Peer

Average Peer

Reasonable Person

Average person



Daily Test

Is what I am about to do (or not do) something that a jury of reasonable peers – knowing what my circumstances are right now – would do (or not do)?

Helps you get outside your own subjective self.



Three Levels of Due Diligence

Level One

- ✓ Take every precaution reasonable / reasonable steps to ensure compliance with external standards –
 - ✓ **Act & Regs, CSA,....**

Level Two

- ✓ Take every precaution reasonable / reasonable steps to ensure compliance with internal standards –
 - ✓ **Best practice**

Level Three

- ✓ Take every precaution reasonable / reasonable steps for any residual risk not covered by above –
 - ✓ **other people yes / no**

CAUTION

**THIS SIGN HAS
SHARP EDGES**

DO NOT TOUCH THE EDGES OF THIS SIGN



ALSO, THE BRIDGE IS OUT AHEAD



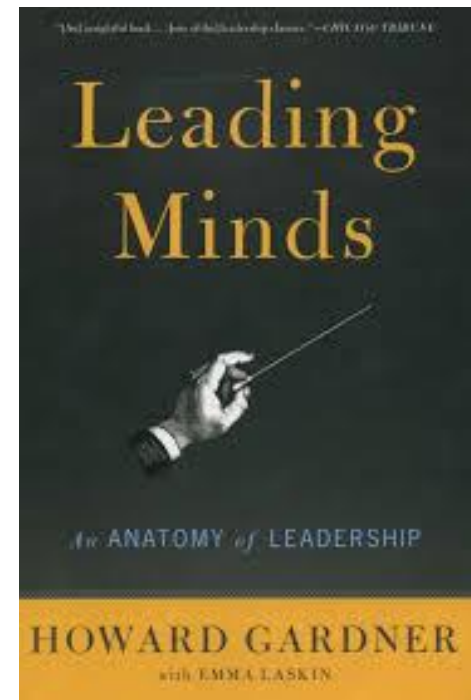


Be the Difference

Be the Difference

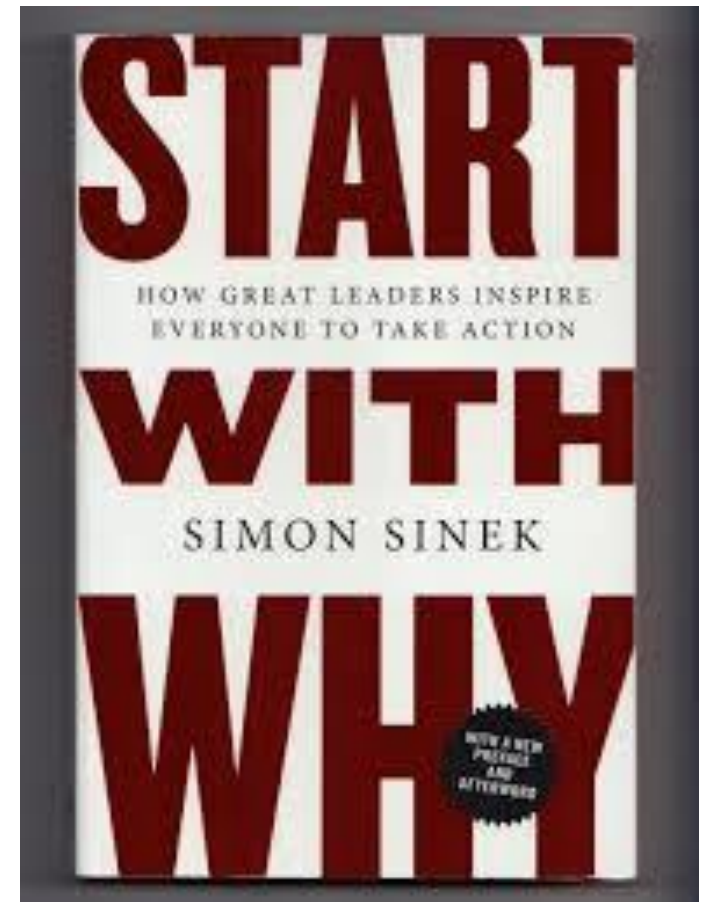
“stories are the most powerful weapon in the leader’s literary arsenal”

Who is Your Hero – create them?



So How do you Craft a Good Story that Unites & Motivates People?

People are engaged & motivated by *why we do things* more than *what we do*.





Started with a Why,....

“Start with a Why”, great leaders communicate from the inside out.

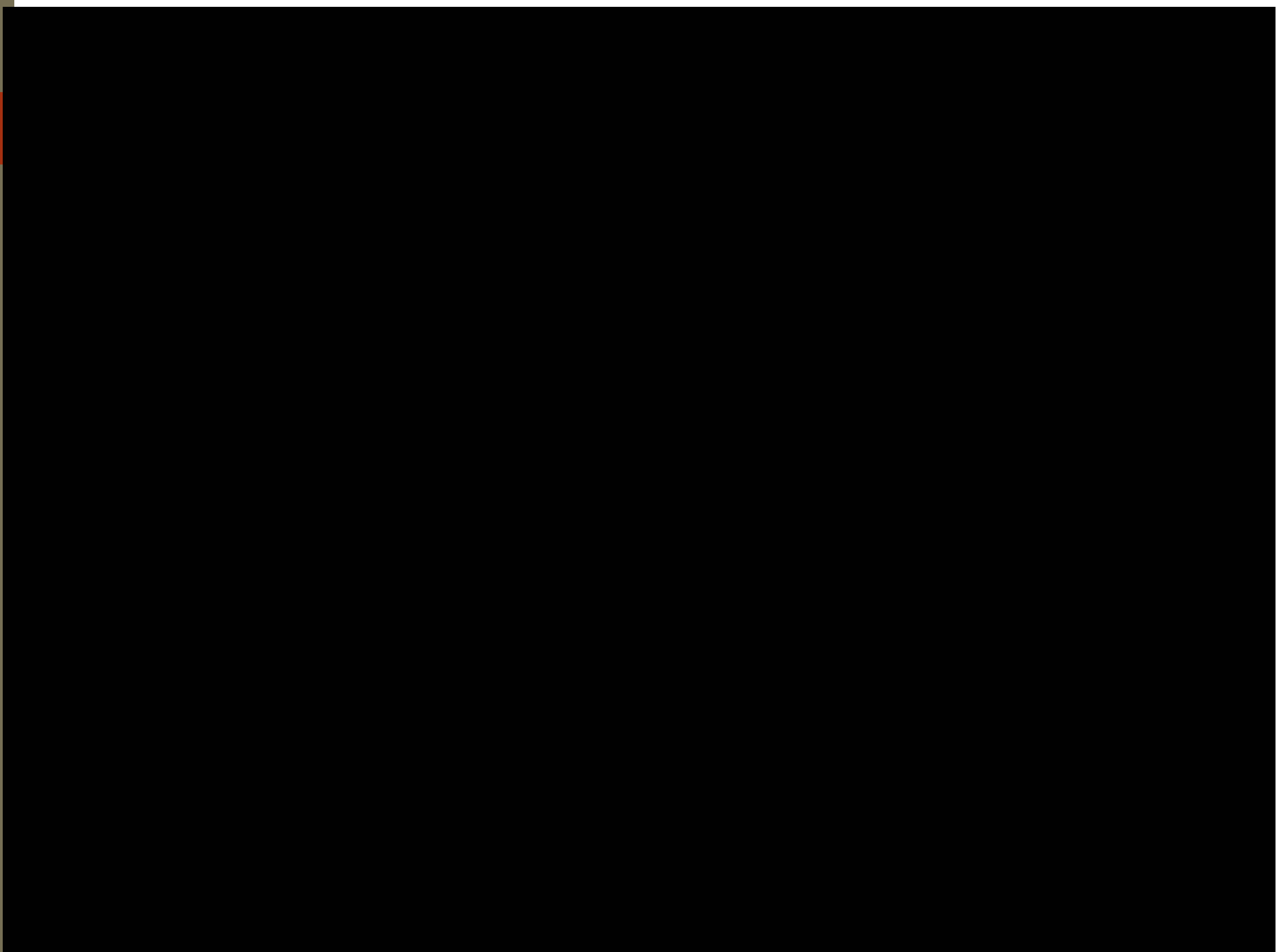
He then moved to “how” they were going to improve safety & then the “what”.

Other leaders communicate the “what”, “how” & then the “why”.

Know when to Lead,.....

**Know when to Lead
through Support**





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