





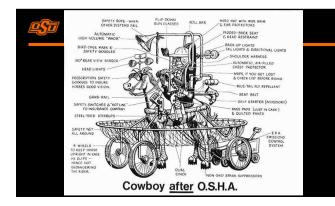








- If you jump to PPE first, what happens if PPE fails?
 You should have layers of protection, such as warnings + administrative controls + PPE, if elimination, substitution and engineering controls are not feasible
- A word of caution regarding PPE...you can have too much





Condition Hazard: Risk:	n: Cleaning equipment with Chemical Solvent Skin/Respiratory Irritation from Contact with Medium	
Control Type	Control	Reasonable?
Elimination	Find new technology or equipment to eliminate need for cleaning	
Substitution	Use non-toxic or less harmful chemical	
Engineering Control	Design and build an automated process for cleaning where the worker is not exposed to chemical.	
Administrative Control	Training program re: safe use Clear work practices established Post signs warning employees about chemical its hazards, and proper use	
PPE	Gloves, safety goggles, respiratory protection	



- A fall hazard condition was observed at the River Pump platform.
- Employees were exposed to an unguarded opening to a lower level approximately 15 feet below without an adequate guardrail which could result in severe injury or fatality.

Writing a hazard description

- 1. State the Hazard (condition, behavior, practice or operation)
- 2. State the real or potential exposure to hazard
- 3. State the most probable outcome
- 4. Identify any regulatory references
- 5. Recommend appropriate corrective actions

Writing a Hazard Description
• Write in the 3 rd person • 1 st person – 1 • 2 rd person – you • 3 rd Person – they or it • Use plain language • Delete all unnecessary words (a, the, it) • Use words that the reader can picture • Use past tense

Number:	1	Hazard Description:	Hazard Type/Subtype:		
Date:	08/15/17	A fall hazard condition was	X Physical: Fall Hazard Biological:		
Area:	Seminole Power Plant - River Pumps	observed at the River Pump platform.	Biological: Ergonomic: Other:		
		Employees were exposed to			
		an unguarded opening to a			
		lower level approximately 15			
		feet below without an			
		adequate guardrail which			
	Lift Platform – lower	could result in severe injury			
Location/ Equipment:	Lift Platform – lower level	or fatality.	Energy Exchange: Fall to below		
OSHA ref:	1910.28(b)(1)(i)				
Recommended Corre	ective Action (list the appro	priate hierarchy of hazard control level):	1		
Install a removable rigid guardrail across the opening (Engineering Control).					

HAZARD OBSERVATION					
Number:	Should correspond with photo number in ppt	Hazard Description: Should use 1-3 sentences to clearly explain what the hazard is.	Hazard Type/Subtype: Must have type selected and subtype listed Chemical: Physical: Biological: Cregonomic: Other:		
			Energy Exchange: Must have at least 1		
Recommended Corrective Action (list the appropriate hierarchy of hazard control level): Should use 1-3 sentences to clearly explain their recommended corrective action including identifying the hierarchy of hazard control. Deduct points if PPE was recommended when there was a better control not considered.					