How a BAD day, turned out to be a GOOD day!





How a



BAD DAY,

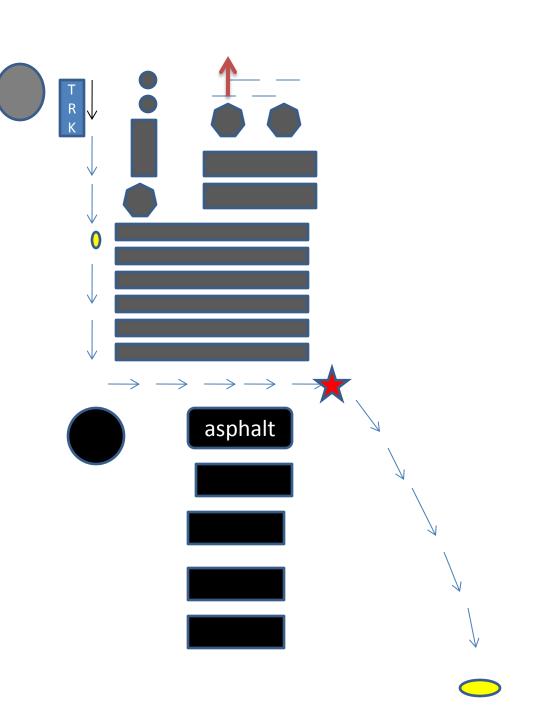
turned out to be a

GOOD day





Damaged **Cooling Tower** Heat Affected **Butane Sphere Chlorine Container** Shed PDA Extractors Collapsed Rack Damaged Naphtha Column



BLR HOUSE

BLR HOUSE



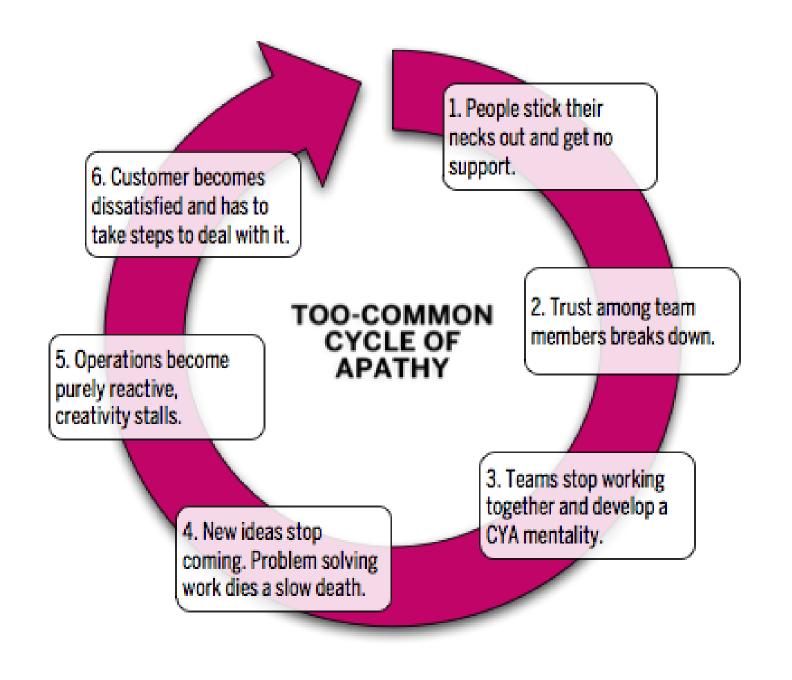
REALITY IS ME..

By Nick Morris

Apathy: Lack of interest or concern for things that others find interesting.



APATHY
No one seems to care about it.

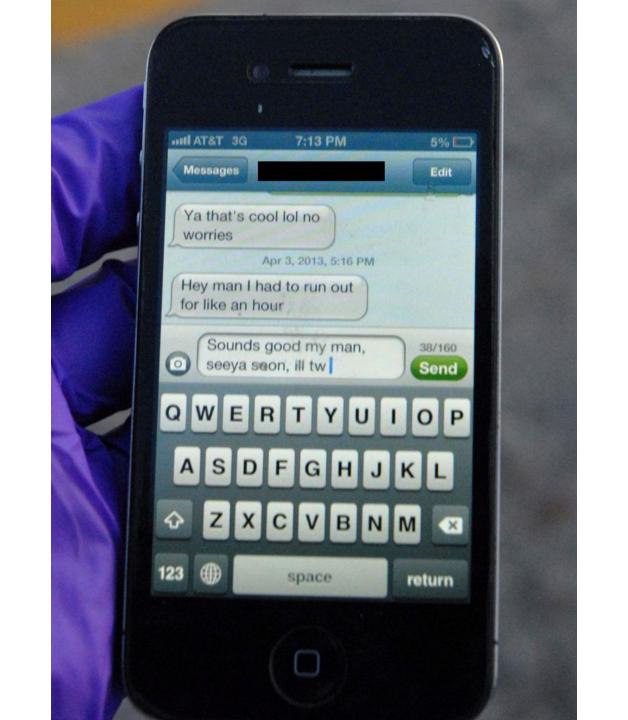




Complacency: a self satisfaction accompanied by actual dangers or deficiencies; unconcerned with things around oneself.

Complacency?





TEAM Industrial Services Job Safety Analysis



Client:					Work Order #					
Date:				Time	Client Representative:					
Completed By:					Lead Person:					
Trees of John	Job: O NDE Inspection O Leak Repair Ser O Hot Tap Services O Technical Boltin				k Repair Services		☐ Other			
Description of Work	E:				Roster: (By signing, employees acknowledge they have reviewed all ha 1)	zards and controls ide 3)	ntified)			
					4) 5)	6)				
					Emergency Action Plan					
Emergency Phone N	lumber(s):			Location of Phone:					
First Aid Station:					Safety Shower/Eye Wash:					
Location / Type of E	extingui	shing E	quip	nent:	Equipment Shut Down Procedures	Equipment Shut Down Procedures:				
Evacuation Route: Assembly Area:					Assembly Area: Wind Dir	Wind Direction:				
Has a pre-job walk d	iown be	en perf	orme	d? 🛘	Yes □ No (If no, do not proceed until the walk-down is conducted)					
					General Hazard Assessment					
Potent	ial Haz	urd(s)			Methods To Control / Eliminate Hazards Identifie	d.	Reviewed			
Hand Injury	0	Yes	0	No	Wear correct gloves, make sure guards are in place, use proper tool. Ide	ntify pinch points.	0			
Fall Hazard	0	Yes		No	Inspect fall protection prior to use. Wear full body harness w/ double locking shock absorbing lanyard. Ensure adequate anchor point. Install railing if possible.					
Eye Injury	. 0	Yes	. 0	No	Safety Glasses. Upgrade to Face Shield / Chemical Goggles or combination, when needed.					
Lifting Hazards	0	Yes	0	No	Know your limits. Use lifting / carrying devices. Ensure rigging has been inspected.					
Falling Objects	_ o	Yes	. 0	No	Rope off areas/ attach proper signs, install netting as needed. Wear Hard Hat.					
Head Injury	0	Yes	0	No	Identify low hanging objects with Tape/Tags. Wear proper head protection.					
Chemical Exposure	0	Yes	0	No	Wear chemical resistant clothing, gloves, face shield. Report all spills/le	eaks.	0			
Excessive Noise	. 0	Yes	. 0	No	Wear appropriate hearing protection. (Ear plugs, muffs or combination)					
Heat /Cold Stress	0	Yes	0	No	(Heat) Drink plenty of fluids. Utilize Work-Rest Cycles. (Cold) Ensure adequate clothing. Construct wind barriers. Limit exposure times. Avoid wet conditions.					
Slippery Surfaces, Tripping Hazards	0	Yes	0	No	Use absorbent. Dry area. Warn others. Barricade area if not corrected. Hang cords and hoses overhead or use traffic ramp. Take actions to remove ice & snow if present.					
Foot Injury	0	Yes		No	Wear Steel Toe Boots. Identify uneven surfaces. Take measures to eliminate hazards.					
Hot Processes / Objects / Surfaces	0	Yes	0	No	Wear protective gloves, face shield and/or heat suits, as needed. Apply proper barriers for protection against heat sources. Avoid line of fire.					
Respiratory Hazard	0	Yes	0	No	Determine if IDLH atmosphere. Monitor Air Quality, as needed. If posseliminate hazards. Determine proper respirator required for hazard(s).	ible, ventilate area to	0			
Electrical Hazard	0	Yes	0	No	Use GFCI, Low Voltage Lighting. Have Electrician connect or disconneliminate hazards. Ensure proper grounding of equipment.	ect equipment to	0			
Confined Space Entry	0	Yes	0	No	Identify ALL hazards of space. Determine if Confined Space is Permit I atmosphere has been monitored for hazards. Ventilate as needed. Verify		0			
Stored Energy (LO/TO Required)	0	Yes	0	No	Verify isolation of energy source with authorized personnel before beginning work. Ensure bleed valves have been opened and lines cleared. Ensure affected personnel are notified.					
Rotating Equipment	0	Yes	0	No	Remove / secure loose clothing, long hair or jewelry. Establish proper clearance for body position. Ensure Barricades' Guards are in place. Lockout equipment if possible.					
Identify Required	l PPE I Grou			SI Spe Group		efinitions on reverse	e side)			

This form <u>must</u> be completed prior to the start of each job. The information <u>must</u> be revised by all parties involved with performing the task(s). It <u>must</u> be revised whenever there is a change in personnel or whenever conditions necessitate additional review of hazards. By completing this document, it certifies the proper "Hazard Assessment" has been performed and that all parties understand their responsibility in complying with the control methods outlined. Employees who refuse to review and/or comply with the ISA shall not be allowed to proceed with the task.

2



Additional Hazard Assessments Yes No No Will Scaffolding Be Used? (If yes, venify it has been inspected and senergency egress determined) Yes No Will Ladders Be Used? (If yes, venify thas been inspected and secured prior to use) Yes No No Will Ladders Be Used? (If yes, venify thas been inspected and secured prior to use) Yes No No No No No No No N		in ladiour lair con								
Will Scaffolding Be Used? (If yes, verify it has been inspected and emergency egress determined)		Additional Hazard Assess	ments							
Will Ladders Be Used? (If yes, venty they have been inspected and secured prior to use) If using devices such as Forklift, ILG or Scissor Lift, has operator been properly trained? (If no, Stop and Take Action)	Are employees trained in procedures to be use	ed? (If no, Stop and Take Action)				Yes		No		
Triving devices usen as Forkling, Too of Scissor Lift, has operator been properly variante? (If no, Stop and Take Action)	Will Scaffolding Be Used? (If yes, verify it ha		Yes		No					
Are MSD5 for chemicals involved on project available for review? (If so, ensure availability)	Will Ladders Be Used? (If yes, verify they ha		Yes	0	No					
If Permit Required Confined Space, who will provide Attendants, Air Monitoring and Rescue personnel? (Identify on Permit)	If using devices such as Forklift, JLG or Sciss		Yes		No		N/A			
Have procedures been reviewed for performing a Critical Lift of equipment or materials? (If no. Stop and Take Action)	Are MSDS for chemicals involved on project		Yes		No		N/A			
Have lifting and rigging devices been inspected for wear and defects prior to lift' (If no, Stop and Take Action)	If Permit Required Confined Space, who will	rmit)				0	N/A			
Are compressed gas cylinders properly secured and connections leak free? (If no. Stop and Take Action) Pes No NA NA Cate compressed gas cylinders properly secured and connections leak free? (If no. Stop and Take Action) Pes No NA Have all required permits been completed (TISI and/or Client)? (If no. Stop and Take Action) Pes No NA Have all required permits been completed (TISI and/or Client)? (If no. Stop and Take Action) Pes No NA Have personnel received all required site specific training? Pes No NA Have presonnel received all required site specific training? Pes No NA Have presonnel received all required site specific training? Pes No NA Are Survey Meters / Dosimeters working properly? (If no. Stop and Take Action) Pes No NA Have pre-job checks been performed on NDE Equipment? Batteries, Zero Dosimeters, Operational Check Rate Alarms Pes No NA Ris understood that Radiation Surveys will be performed as required? (If no. Stop and Take Action) Pes No NA Are Security Controls for Licensed Radioactive Material in place? (If no. Stop and Take Action) Pes No NA TASK HAZARD CONTROL METHOD Critical Job Data - If applicable, the following information must be reviewed by all supervisors and technicians for any applicable requirement identified by Operations Support and/or Engineering during a CJ Review. TISI Critical Job # Original Personnel or Support and/or Engineering during a CJ Review. PPE Requirements or Upgrades Strong-Back Requirements Radiation Exposure Area Cleaned and Trash Removed? Yes No (If no. Stop and Take Action)	Have procedures been reviewed for performing		Yes		No		N/A			
Has Client agreed to lockout/isolate all emergy sources? No NA	Have lifting and rigging devices been inspects		Yes	O	No	o	N/A			
Have all required permits been completed (TISI and/or Client)? (If no, Stop and Take Action)	Are compressed gas cylinders properly secure		Yes		No		N/A			
Have personal precisived all required site specific training? Yes	Has Client agreed to lockout/isolate all energy		Yes		No	0	N/A			
Have areas been properly barricaded and signs posted, when required? (If no, Stop and Take Action)	•							No	0	N/A
Have non-essential personnel bear removed from controlled areas? (If no. Stop and Take Action) Yes	Have personnel received all required site spec		Yes	0	No	0	N/A			
Are Survey Meters / Dosimeters working properly? (If no. Stop and Take Action)	Have areas been properly barricaded and sign		Yes		No		N/A			
Have pre-job checks been performed on NDE Equipment? Batteries, Zero Dosimeters, Operational Check Rate Alarms	Have non-essential personnel been removed f			Yes		No	0	N/A		
Tiss understood that Radiation Surveys will be performed as required? (If no, Stop and Take Action) Yes	Are Survey Meters / Dosimeters working pro		Yes		No		N/A			
Are Security Controls for Licensed Radioactive Material in place? (If no, Stop and Take Action) Job Breakdown (Identify task specific hazards and control methods) TASK	Have pre-job checks been performed on NDE	Rate Alarms		Yes		No	0	N/A		
Job Breakdown (Identify task specific hazards and control methods) TASK	It is understood that Radiation Surveys will be			Yes		No		N/A		
TASK HAZARD CONTROL METHOD Critical Job Data — If applicable, the following information must be reviewed by all supervisors and technicians for any applicable requirement identified by Operations Support and/or Engineering during a CJ Review. TISI Critical Job #								No		N/A
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identified by Operations Support and/or Engineering during a CJ Review. TISI Critical Job #		IISLAW		CON						
Area Cleaned and Trash Removed?		IISLAW		CON						
Area Cleaned and Trash Removed?	Critical Job Data – If applicable, the follow	ing information must be reviewed by all su						requir	emer	ıt
	Critical Job Data – If applicable, the follow identified by Operation	ing information must be reviewed by all su s Support and/or Engineering during a CJ	Review.	l technicians fo		ş appli	icable			ut
Job Completed: Yes No (If no, returning parties must revisit JSA and initial) Date: Time:	Critical Job Data – If applicable, the follow identified by Operation	ing information must be reviewed by all su s Support and/or Engineering during a CJ	Review. Description:	l technicians fo	от апу	y appli	cable	ue Val	ues	
	Critical Job Data – If applicable, the follow identified by Operation	ing information must be reviewed by all sus Support and/or Engineering during a CJ	Review. Description:	l technicians fo	от апу	y appli	cable	ue Val	ues	

PPE Group Definitions:

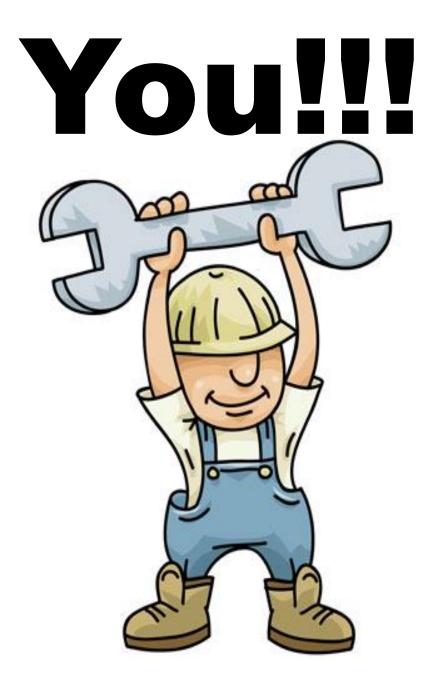
11-2006

- Group 1: Hard Hat, Safety Glasses or Goggles, Face Shield when required, Leather or rubber gloves, and hearing protection. (FRC Clothing, when required)
- Group 2: Chemical Splash Suit, Rubber Boots, Rubber Gloves witaped connections, Hard Hat, Safety Glasses or Chemical Goggles, Face Shield, Hearing Protection.
- Group 3: Hard Hat, Safety Glasses, Leather or rubber gloves, Hearing Protection, Respiratory Protection in accordance with TISI policy.
- Group 4: Chemical Splash Suit, Rubber Boots and Rubber Gloves w'taped connections, Hard Hat, Safety Glasses or Chemical Goggles, Face Shield, Hearing Protection.

 Respiratory Protection in accordance with TISI policy.

Group 5: Full One Piece Acid Suit, Cool Air vest, Supplied Air w/5 Minute Egress Pak, Rubber Gloves, Rubber Boots, Safety Man w/ SCBA and Responder Suit Group 6: Heat Suits, Cool Air Vest, Supplied Air w/ Egress Pac as needed, Leather or Heat Resistant Gloves, Hearing Protection, Safety Man w/SCBA & Heat Suit

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Just another reason for us to do a vehicle CIRCLE OF SAFETY check before driving off in our vehicles



A crew working for a utility company found this young child in the wheel well of their truck while conducting a "CIRCLE OF SAFETY" of the company truck the crew members were driving before moving the vehicle.

I don't want to think about what would have happened if the employee had gotten in the truck and drove off without doing a walk around. Please share this eye opening, bone chilling photo and experience with your crews.

This crew has also reported children climbing into the back of company vehicles. Keep in mind children are out of school on summer break, so be sure to watch out for them!!





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