

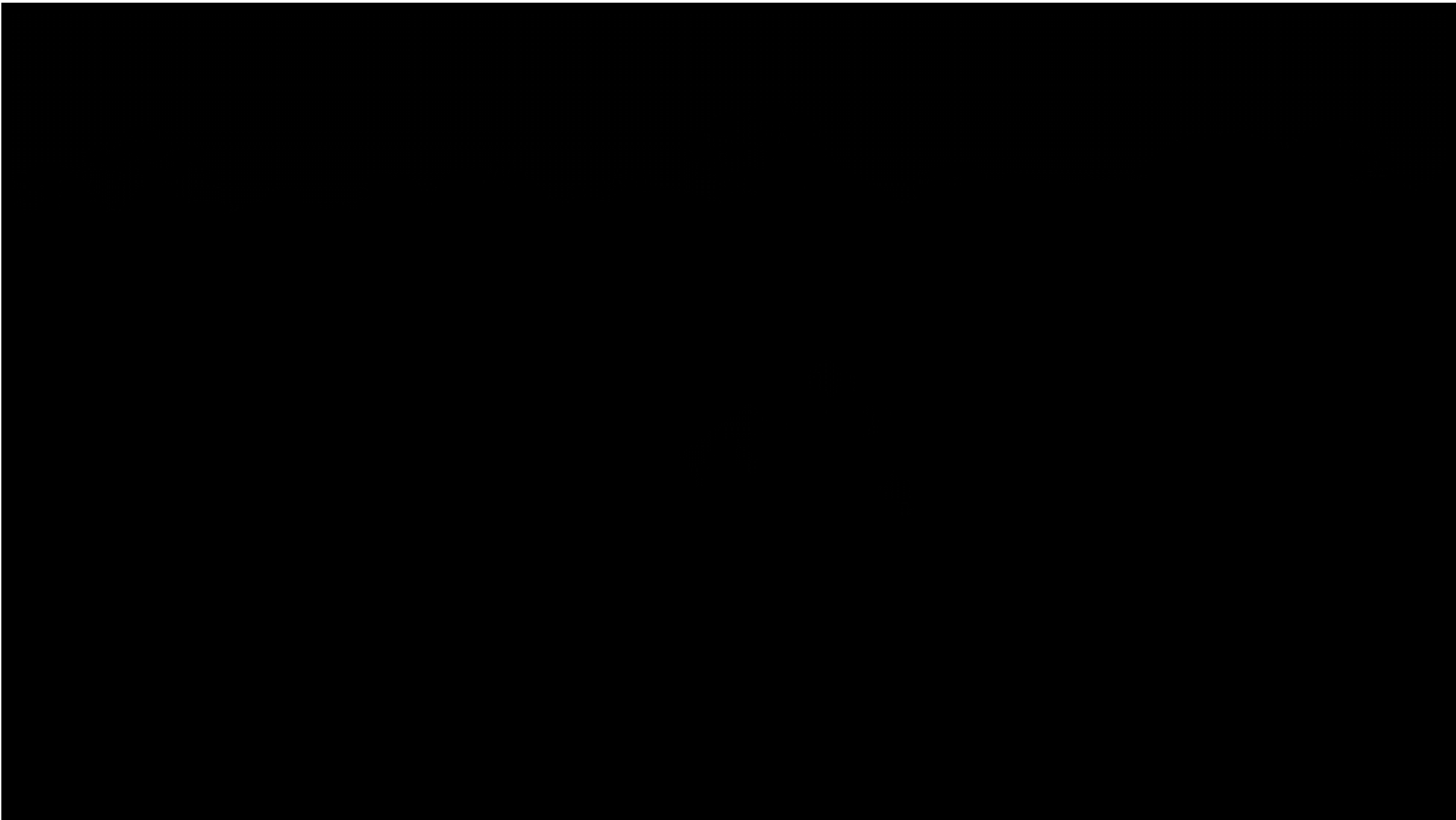


HAZARD HUNTER

VIDEO SAFETY PROGRAM

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HAZARD HUNTER VIDEO PROGRAM

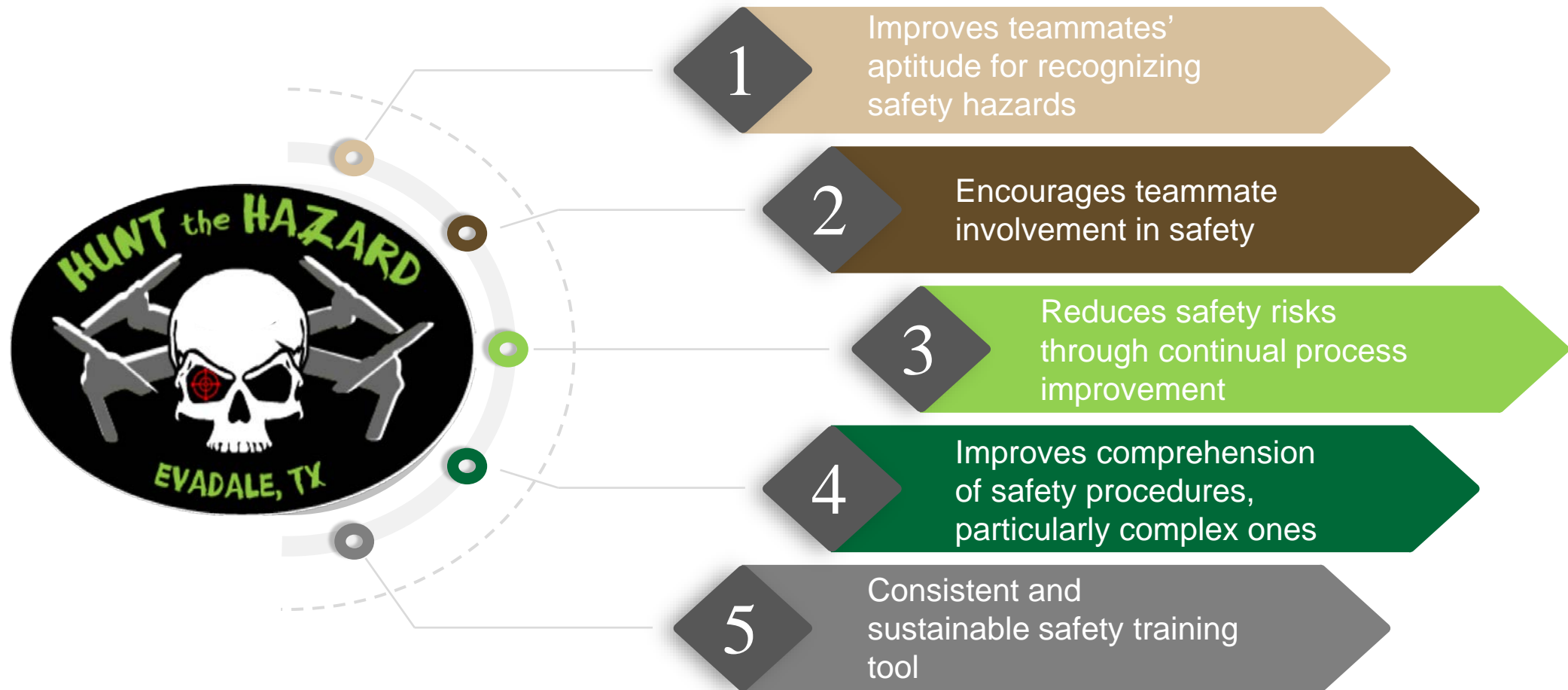
What is the Hazard Hunter Program?

- The Hazard Hunter Program is designed to engage employees in identifying and addressing hazards that could result in Life Changing Events or other safety incidents
- Evadale coworkers are challenged to identify exposures in the mill
- Teams of people who perform the work and/or who are closest to the exposure are asked to develop ideas for improving the safety of the situation or job task
- New and improved safety procedures resulting from this collaborative approach are filmed and placed in a video library
- Teammates are trained on the enhanced procedures using video to reinforce traditional paper SOPs



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What are the benefits of the Hazard Hunter Program?



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What are the Results?

Truck Inspection Dock Replacement

The program identified a significant exposure to falls from our inspection dock due to old and outdated equipment. A team was put together that designed, outsourced, and engineered a new dock that will eliminate over 7,500 PLCEs (Falls from Heights) exposures per year.



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What are the Results?

Bulk Chemical Offloading Program

This is a safety system put in place with several layers of defense to prevent the offloading of products in tanks that could result in 4,500 PLCE (Hazardous Chemical exposure) injuries annually or significant losses in operational costs. This video SOP allows for drivers and operators to be exposed to the safety system prior to arrival at the unloading points.

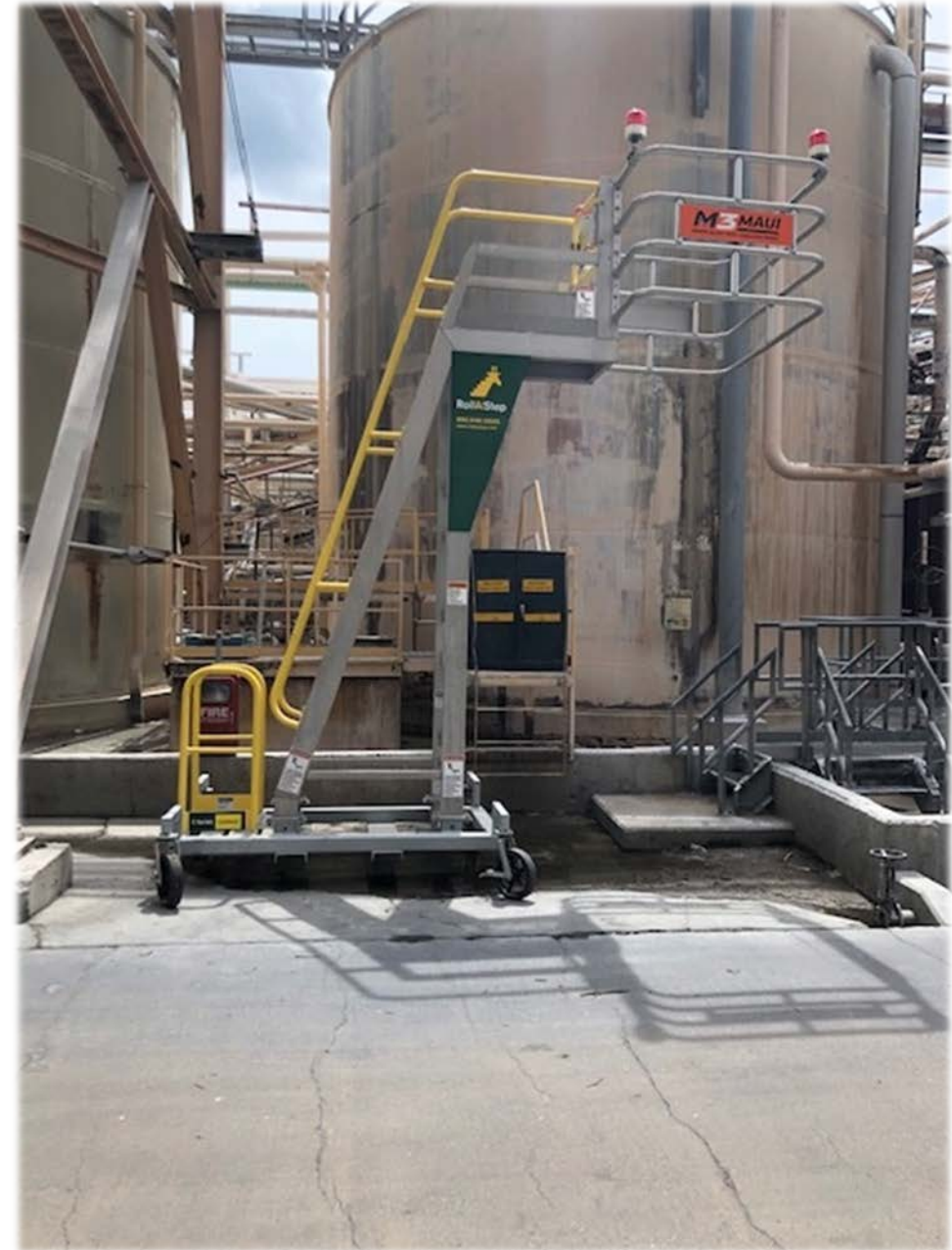


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What are the Results?

Black Liquor Soap Tank Truck Loading Process


With the implementation of using a rolling staircase with fall prevention (handrails) instead of allowing drivers to monitor their loads from atop of their tankers we have eliminated over 1500 PLCEs (Falls from Heights) annually. The video SOP allows for us to train not only operators but tanker drivers as well to the proper use of the equipment.



HAZARD HUNTERS VIDEO PROGRAM



TRADITIONAL TWO-DIMENSIONAL LEARNING TOOL

 JOB HAZARD ANALYSIS	JOB TITLE OR OPERATION Mill Employees	PAGE: 1 OF 1 JHA #: FS-JHA-002	DATE: 4/12/17 <input type="checkbox"/> NEW <input checked="" type="checkbox"/> REVISED
	TASK BEING EVALUATED: Fueling Mobile Equipment		
PLANT: Evadale, TX	ANALYSIS BY: Shipping Safety Team	REVIEWED BY: Shipping Superintendent	
REQUIRED PERSONAL PROTECTIVE EQUIPMENT (PPE): Safety Glasses and Shield, Hearing, Foot and Hand Protection (Rubber Chemical Resistant Gloves) .			
SEQUENCE OF BASIC JOB STEPS	POTENTIAL HAZARDS UNSAFE ACTS OR CONDITIONS*	RECOMMENDED ACTION OR PROCEDURE	
1. Stop vehicle, set brake, lower clamp / forks to the ground if applicable,	Explosion, Flash Fire, Vehicle Movement, Ascending / Descending mobile equipment	Ensure vehicle is properly grounded before filling.	
2. Turn off vehicle / and all electrical devices	Flash Fire / Explosion	Verify all electrical devices are off and no other mobile equipment is in the filling area.	
3. Dismount Mobile Equipment and apply Personal Protection Equipment	Slip, Trip and Fall / Ascending and Descending / Skin exposure	Use caution mounting and dismounting vehicle / Three-point contact. Inspect PPE for damage.	
4. Connect Grounding Cable to propane tank	Static Electricity / Explosion	Inspect ground connection before use.	
5. Connect Propane Hose to Tank for Filling / Open vent valve ¼ of a turn and open hose valve.	Chemical Burn / Gas Inhalation / Line of Fire	Ensure LP hose is properly seated before initiating filling process.	
6. Press and Hold Liquid Propane Pump Button until white vapor is released through vent valve.	Gas Released / Explosion / Flash Fire	Eyes on path / Mind on task	
7. Close vent valve completely then close hose valve	Chemical Burn / Skin Exposure	Inspect for Liquid Propane Leaks.	
8. Remove LP Hose and Ground Clamp	Trip and Fall / Property Damage	Housekeeping / Place LP Hose on reel and roll up Ground	



MODERN THREE-DIMENSIONAL LEARNING TOOL



HAZARD HUNTER VIDEO PROGRAM

Liquid Propane Filling SOP





NOW SHOWING

HAZARD HUNTERS VIDEO SAFETY PROCEDURES

