

# **Concentrates**



Date:	Crew:	WO# or Area:	
Complete the following			YES NO N/A
Have you reviewed relevant SOPs/jo	bb plans/TSA?		
Review the rescue/emergency plan.			
Do you know the evacuation route? Emergency shelters? Muster points?			
Have you communicated with other workers and work groups?			
Are all eyewash stations, emergency showers, fire extinguishers tested (if needed) and easily available for use?			



# Describe the job:

## **Permits Required?**

YES NO

#### **Hazards & Controls**

CO	MMON HAZARDS		CO	MMON CONTROLS	
	Stored energy (electrical, mechanical, heat, etc)	<b>→</b>		Lockout all sources of energy Personal lock clearly labeled	If lockbox LOTO, tags in place and independently verified
	Potentially hazardous work	<b>→</b>		Permit Completed Lines isolated and purged prior to line break	Sides are protected by slopes or trench boxes if trenching
	Confined space	<b>→</b>		Space is clear from overhead hazards before entering Everyone is trained	Gas monitoring equipment is available Rescue plan is reviewed
	Working at heights	<b>→</b>		Inspect fall protection Swing fall radius calculated	Tie off to a proper anchor point
	Barricading	<b>→</b>		Aware of all barricading in area	Barricade/tag appropriate for hazard
	Interaction with mobile equipment	→		Complete pre-use checklist Spotter	Training complete for type of equipment
	Hoisting and lifting	<b>→</b>		Barricades in place Check area for overhead hazards	Lift plan completed Equipment inspected before use
	Driving operations	→		Pre-use checklist complete License on operator Aware of speed limit	Seatbelt in use Hands free device for cell phone
	Critical safety devices	<b>→</b>		Critical safety device permit complete Additional safeguards in place	Tag hung at location
	Pinch points	$\rightarrow$		Use a tool barricade/guarding	Use gloves specific to task
	Sharp objects	$\rightarrow$		Cover object	Cut resistant PPE
	Sparks, slag and heat from hot work	<b>→</b>		Remove flammables from 35 ft. and combustibles from 50 ft. (if elevated)	Fire watch/extinguisher present
	WWS	$\rightarrow$		Housekeeping of area	Eyes on path
	Potential for spill or leak	→		Containment in place and appropriately sized Supervisor notification	Manage waste (dispose properly)
	Working near water	<b>→</b>		Everyone is appropriately trained	Water safety tools and PPE available for use
	Heat safety	→		Drink water before and during	Take frequent breaks
	Rushing/fatigue/frustrated	<b>→</b>		Keep mind on task	Take frequent breaks

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# **Hierarchy of Controls (HOC)**

While completing the task, were any new hazards discovered? If yes, list the hazards and controls.



### **Concentrates-Specific Questions**

If you or any member of this FLHA answers no to the following questions, stop and notify a member of management.	YES N/A
For routine tasks, all pre-op checks have been completed and common risks and controls have been discussed to prevent complacency?	
Area has been surveyed for wildlife (wasps, bees, alligators, snakes, etc.) and if present, removed or addressed?	
All work permits evaluated and obtained if required (safe work, confined space, MEHVOL, trenching, water safety, vehicle recovery, etc.)	
Area has been evaluated for WWS, housekeeping, ground control, or overhead/falling object hazards and adequate controls have been implemented?	
All members of work team are focused, free of distractions, and in the right frame of mind to complete the task safely, if not, stop and re-evaluate?	
All workgroup members commit to looking out for themselves and their co-workers to ensure everyone goes home unharmed to their family today?	

All people working on this job and present for this risk assessment, please sign here:					
<u>x</u>	<u>x</u>	<u>x</u>	<u>×</u>		
<u>x</u>	X	X	X	SCAN HERE FOR QUALITY REVIEW	

# **Supervisor Quality Review**

Has crew/worker supervisor visited the work area?  $\ {\rm YES} \ \square \ \ {\rm NO} \ \square$ 

Date:	Excellent SCORE:	3	Improvement opportunity score: 2
Site:	All hazards and controls were appropriately identified and readily available. Controls listed were effective.		One hazard and/or control was not identified, readily available, or not effective.
Department: (Production/Maintenance/Contractor)			
	Does not meet expectations SCORE:	1	No FLHA has been completed SCORE: 0
Contractor Name:	Two or more hazards, and/or controls were not identified, readily available or not effective.		The job was stopped immediately until a FLHA was completed. Mosaic Leader was informed.
Crew Name:			
	Supervisor Signature:		Assessment Score: