

CRITICAL CONTROLS ENGAGEMENT– FIRE PREVENTION

Facility Name		Date	Day	Month	Year
Contractor		Crew Inspected			
Conducted by	<i>Date & Sign.</i>				
Conducted by	<i>Date & Sign.</i>				
Distribution	Contractor Representative		Safety Coordinator		
	Safety Retention Binder				

<p>➤ Interview worker(s) to ask the following <u>Open Questions</u> & rank responses.</p> <p>➤ Desired answers on second page.</p>	0 = Below Expectations 1 = Meets Expectations 0.5 = Meets Some Expectations (use sparingly)	RESPONSE RANKING
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1. Can you show me on the JSA/FLHA where fire prevention was discussed?	
<i>VERIFICATION COMMENTS:</i>	
2. Can you show me the dominant areas with the potential to cause a fire or explosion, for this task?	
<i>VERIFICATION COMMENTS:</i>	
3. Describe the most likely and or severe injury to occur from a fire or explosion?	
<i>VERIFICATION COMMENTS:</i>	
4. Can you show me the fuel sources in the work area for the task being conducted along with any oxidizing materials which would accelerate or enhance a fire or explosion occurring?	
<i>VERIFICATION COMMENTS:</i>	
5. Explain any ignition/spark sources which could ignite a fuel source?	
<i>VERIFICATION COMMENTS:</i>	
6. Can you show me what you are doing to prevent the occurrence of a fire or explosion?	
<i>VERIFICATION COMMENTS:</i>	
7. Explain and show what emergency procedures and equipment are in-place, in the event of a fire or explosion?	
<i>VERIFICATION COMMENTS:</i>	
8. What are <u>you</u> going to do to prevent the types of injuries you described from happening to <u>you</u> or <u>anyone</u> else on this job?	
<i>VERIFICATION COMMENTS:</i>	

Assessment Summary Ranking $= \frac{\text{Response Ranking Total ()}}{\text{Number of Applicable Questions ()}} \times 100$	%
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Supervisor Improvement Action Plan
Supervisor informed of any improvement opportunities and agreement established to address improvements.
Supervisor name: _____ Signature: _____ Date: _____
Assessment follow-up date: _____
Additional Comments, Commendations or Items of Concern

Desired Responses to Interview Questions	
1. Can you show me on the JSA/FLHA where fire prevention was discussed?	Look for: Area assessed for combustible, flammable and oxidizing materials present, prior to the start of the task; initial and ongoing gas monitoring while conducting the task; need for a spark/fire watch; requirements for specific procedures or fire protection equipment; special mitigation when fire detection, alarm or suppression systems are disabled; clear and full understanding of the task being performed, the level of risk tolerance the worker(s) have with the task and level of controls being used; other?
2. Can you show me the dominant areas with the potential to cause a fire or explosion, for this task?	Look and listen for: Hydrocarbon leaks from process equipment sources (Pump seals, valves seals or packing, flange gaskets); flammable gases stored in containers, tanks, cylinders or aerosol cans; combustible liquids, cardboard, paper, cloth, plastic, wax, rubber or wood products; other?
3. Describe the most likely and or severe injury to occur from a fire or explosion?	Listen for: External and internal burns to skin, eyes, respiratory tract, or lungs; explosion causing head injury, fractured limbs/back/neck, separation/dislocation of joints, eye, ear or internal organ damage due to impact forces; poisoning due to toxic gases or vapours; other?
4. Can you show me the fuel sources in the work area for the task being conducted along with any oxidizing materials which would accelerate or enhance a fire or explosion occurring?	Listen and watch for: Fuel sources - Gasoline, diesel propane or natural gas fueled equipment; stationary and mobile bulk storage/delivery tanks for gasoline and diesel; portable refueling containers; acetylene tanks, propane bulk tanks and portable cylinders; all aerosol cans; penetrating fluids, solvents and solvent based paints; wood, cardboard and plastic packaging materials; wood matting and scaffolding materials; grass, brush, bushes and trees; Oxidizing material – compressed oxygen cylinders; hypochlorite (Bleach); hydrogen peroxide; chlorine; nitric and sulphuric acids; other?
5. Explain any ignition/spark sources which could ignite a fuel source?	Listen and look for: Internal combustion engines; spark producing work: welding, grinding and cutting; open flame heating: heaters, furnaces, tiger torch, brazing and soldering; metal on metal striking tools; impact wrenches; electric tools and lights; lightning; static electricity; pyrophoric substances; spontaneous combustion of oily rags; smoking; other?
6. Can you show me what you are doing to prevent the occurrence of a fire or explosion?	Listen and look for: Removal of combustion and flammable materials from the area when performing spark producing work; spark containment; shutting off internal combustion engines; positive air shut off devices for diesel internal combustion engines; initial and continuous air monitoring for flammable gases and oxygen enriched atmosphere; intrinsically safe lights, tools and instruments; grounding and bonding; wetting (pyrophoric substances); proper management and disposal of oily rags and clothing; qualified spark/fire watch person; designated smoking areas
7. Explain and show what emergency procedures and equipment are in-place, in the event of a fire or explosion?	Listen and look for: Site specific emergency response plan; FLHA having emergency contact information; communication devices to call for assistance; portable fire extinguisher for the class of potential fire; spark/fire watch person remaining at work location for the required time limit and follow-up check; other?
8. What are <u>you</u> going to do to prevent the types of injuries you described from happening to <u>you or anyone</u> else on this job?	Listen for verbal commitment to the following: Stopping work and intervening when unsafe behaviours/conditions are identified; asking questions when unclear; following the plan established from the hazard assessment; other?
Comments for Improvement of this Work Practice Evaluations	