

# Fatality Prevention Assessment – Interaction of Equipment and/or People

Inspection item:	Y	N	N/A	Existing Control Measures / Comments	Further Action Needed?
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## 1. PARKING

Does the site have parking areas clearly defined and segregated for light vehicles and heavy vehicles, to include ready-lines?					
Are employee parking areas (personal vehicles) segregated from production areas?					
Are designated parking areas for heavy mobile equipment and support vehicles with implements that raise/lower free of power lines, plant structures and other overhead hazards?					
<b>Validation</b> - Are vehicles at the site parked in their correct designated area(s) and segregated by light and heavy equipment?					
Are mobile equipment parking areas large enough to allow sufficient space between vehicles to allow for inspection, safety entry/exit, and reduce risk of fire spread?					
<b>Validation</b> – Is mobile equipment parked with sufficient space between vehicles to allow for inspection, safe entry/exit, and reduce risk of fire spread?					
Are there berms, ditches, or chocks available in mobile equipment parking areas to prevent light vehicles and heavy vehicles rolling away in the event of brake failure? (e.g. berms, chocks)					
<b>Validation</b> - Are all vehicles parked at the site utilizing chocks, ditches, and/or berms to prevent movement?					

## 2. TRAFFIC CONTROL

Is there clearly visible and legible signage at the entrance gate(s) to direct customers and visitors ( <i>including delivery &amp; pick-up services</i> ) to their appropriate locations?					
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Is there clearly visible and legible signage throughout the facility to direct customer trucks in proper traffic control, to material pickup areas, and to exits of the facility?					
<b>Validation</b> – Are all visitor and customer vehicles currently at the site following and respecting traffic flow signage? <i>(Note – visitors are considered non-company personnel OR company employees not familiar with the site)</i>					
<b>Validation</b> - Are all visitors currently at the site escorted and/or only in designated authorized areas? <i>(Note – visitors are considered non-company personnel OR company employees not familiar with the site)</i>					
Are all roadways clearly posted with traffic control requirements and easily seen by all vehicles sizes? (e.g., stop signs, one way signs, keep left signs, right-of-way etc.)					
<b>Validation</b> – Is all traffic control signage (Stop signs, right-of-way, directional signage, etc.) being respected/followed by operators of vehicles at the site?					
Are there berms or barriers and signage in place to prevent unauthorized access to identified hazardous areas?					
Are areas of two-way traffic at least 3.5 times the width of the widest vehicles or are other safety measures in place such as reduced speed requirements, 3-part communication, signage, etc..?					
<b>Validation</b> – Are vehicles currently operating in areas of two-way traffic with reduced width (less than 3.5 X widest vehicle) following alternative controls such as reduced speed, 3-part communication, signage, etc.?					
Are active railway crossings posted accordingly and is a “Stop” sign at the line crossings?					

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<b>Validation</b> – Are light vehicles and mobile equipment stopping and crossing railroad tracks only at designated locations?					
Are there designated waiting, tarping and clean off areas for customer trucks, and are the areas clearly identified with signage or other communication?					
<b>Validation</b> – Are waiting, tarping and clean-off activities taking place only in their proper designated areas?					
Are barriers available to block access points where small support equipment is working in an area of mobile equipment activity?					
<b>Validation</b> - In areas where small equipment is currently operating near mobile equipment activity, are physical barriers in place?					
Are portable toilets clearly identified and protected from mobile equipment traffic by location or physical barrier?					
<b>3. COMMUNICATION</b>					
Do persons on foot and in light vehicles have the ability to communicate with mobile equipment operators before entering work areas?					
<b>Validation</b> - Are pedestrians communicating AND making eye contact with mobile equipment operators prior to entering operating areas?					
Do light vehicle and heavy vehicle operators have the equipment to communicate clearly with each other (e.g. radios)?					
Do all vehicles that enters the pit/mine area have the equipment (e.g. radio) to perform 3-part communication procedures?					
Are there signs prior to entering the pit/mine area requiring 3-part communication and identifying the correct radio frequency?					

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<b>Validation</b> – Is proper 3-part communication taking place for ALL vehicles entering the pit/mine area?					
<b>Validation</b> – Are vehicle horns being sounded prior to moving vehicles/equipment?					
<b>4. VISIBILITY OF EQUIPMENT AND PERSONS</b>					
Does the site have buggy whips with high visibility flags extending 12' in height from the ground in accordance with the Tier 1 available for all light vehicles and support equipment operated in the pit/mine area?					
Does the site have white or amber strobe lights (or fully lit buggy whips) available in accordance with the Tier 1 available for all light vehicles and support equipment operated in the pit/mine area?					
<b>Validation</b> - Are all light vehicles/small support equipment currently operating in the pit/mine area equipped with a buggy whip (12' from ground) and properly operating visible flashing/strobe light (or a fully lit buggy whip) in accordance with the Tier 1?					
Has the site identified blind corners around buildings or other obstructions that reduce visibility in areas of mobile equipment and vehicle operation?					
<b>Validation</b> - Are blind corners around buildings or other obstructions where vehicles/mobile equipment operate equipped with convex mirrors or other effective devices or controls?					
Do persons on foot have access to high visibility clothing and wear in accordance with Tier 1?					
<b>Validation</b> - Are all pedestrians currently at the site wearing ANSI approved high visibility clothing in compliance with the Tier 1?					

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<b>5. INSTRUCTION AND TRAINING</b>					
Are procedures in place to provide customers, contractors, and company personnel instruction in the site's parking, traffic, and communication procedures?					
<b>Validation</b> - Have all customers, contractors, and visitors present at the site received site specific training on vehicle and pedestrian operations?					
Have you updated your site-specific written plan in accordance with this assessment?					