सेफ़्टी अलर्ट / SAFETY ALERT

OISD/SA/2024-25/MOLPG/ 05 Dt.: 08/07/2024

INTRODUCTION

Title:	Fatal incident in cylinder unloading shed during truck movement.
Location:	LPG Bottling Plant.
Activity:	Placement of packed truck at unloading shed.
Loss/ Outcome:	Fatality of the contract worker.

INCIDENT

A contract worker was coming on a bicycle from LPG Pump House towards the security gate cabin-2. A packed truck (Truck-A) was being lined up for placement at unloading platform for unloading of cylinders. The packed truck (Truck-A) was in the process of taking a right turn and then taking reverse for placing the truck at the designated cylinder unloading platform. There was another packed truck ((Truck-B) on the right side of this truck which was already standing in line of unloading point at extreme end and was ready to move in the reverse direction.

The driver was maneuvering the truck (Truck A) when the contract workman riding on the bicycle tried to cross the truck (Truck A) from the front side. At the time of the incident, the driver of the truck was looking sideways in the backward direction so as to make sure that his truck does not touch the adjacent truck (Truck-B) already standing close by on right side and moved in the forward direction where the contract workman was hit and came under the front right side wheel of the truck. The Injury on deceased was on the legs and also on the chest. The injured workman was taken to the hospital and was declared brought dead.

OBSERVATIONS

- The vehicle, which hit the deceased workman, did not have helper to guide the vehicle.
- No system of traffic marshalling was in place to regulate the number and movement of packed truck. There were 24 trucks and 3 ex-MI vehicles in the location and 10 were in process of entry.

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- It appears to be a judgement error on behalf of deceased contract workmen that he decided to take his bicycle from the front side of the packed truck where space was very limited as another truck was parked nearby. As deceased was very close to the truck cabin and the driver was looking backward to avoid touching his truck with nearby truck already lined up for placement in reverse direction. As the rider was in the in the Blind spot of the truck, the driver could not spot him and he took the truck in the forward direction while he was looking backwards on the right side.
- The Blind spot mirrors were not available in the subject Truck.
- There is no designated pathways/ SOPs for cyclist for Safe movement in the plant facilities.
- No SOP is available at unloading point.
- Camera covering the incident spot was out of order. In all, 21 out of 55 CCTV cameras are not functional in the plant.
- Most probably deceased was not wearing a Safety Helmet as no helmet was recovered from incident Site.
- Shed officer was not available inside the plant during incident as he was required to work in office area in SAP as per the job requirement.

ROOT CAUSE

- Non-availability of helper with packed trucks.
- Unsafe Act of riding the bicycle in the area where many heavy commercial vehicles are present
- Negligent driving by the Truck driver.

RECOMMENDATIONS

- Traffic Marshal/ helper to be provided to guide movement of trucks.
- Number of trucks to be controlled to avoid congestion in loading/ unloading area and SOP shall be prepared on same and displayed.

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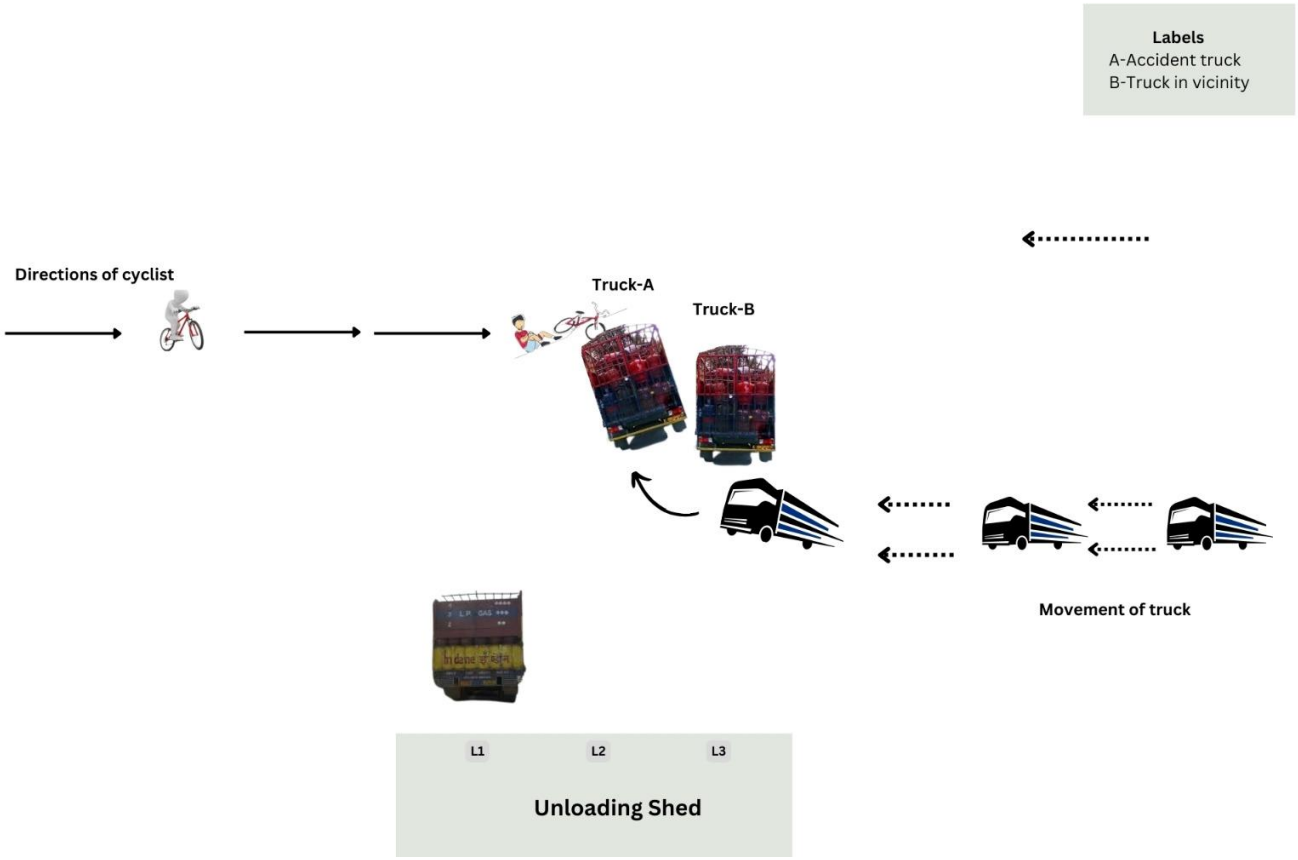

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