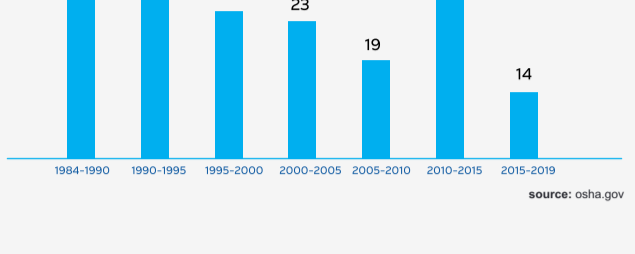
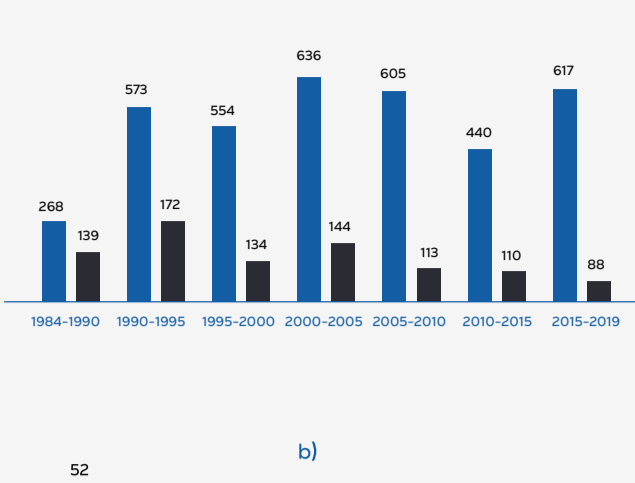


# AN ANALYSIS OF CONVEYOR RELATED ACCIDENTS

(BETWEEN 1984 - 2019)

Figure one shows that, although the number of accidents increased over the years, the mortality rate decreased.



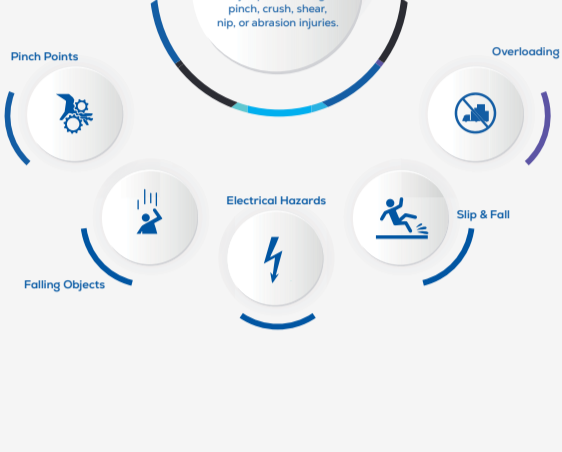
source: osha.gov

Figure one. Display of accidents and fatalities by time intervals (a) and display of fatalities expressed in percentages (b) for all conveyors.

Figure two shows that although the number of accidents increased over the over the years as with all transporters, the mortality rate with the belt conveyors decreased.

## Common Hazards Associated With Use of Conveyor Belts

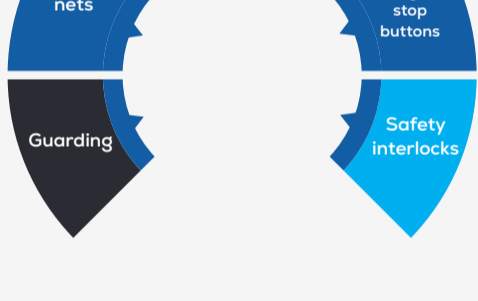
Here are some hazards most likely to occur when a conveyor system is in operation.



## ESSENTIAL SAFETY GUIDELINES FOR OPERATING A CONVEYOR SYSTEM

### 1. Use Safety Devices

Safety devices are an absolute necessity when operating conveyor systems to prevent the occurrence of accidents.

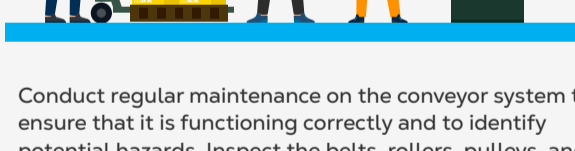


### 2. Use Personal Protective Equipment

Conveyor system operators and facility workers should use PPE to protect themselves from sustaining injuries.

1	Hard hats:	
2	Safety glasses or goggles:	
3	Hearing protection:	
4	Safety gloves:	
5	Safety footwear:	
6	Respirators:	
7	High-visibility clothing:	

### 3. Maintenance and Inspection



Conduct regular maintenance on the conveyor system to ensure that it is functioning correctly and to identify potential hazards. Inspect the belts, rollers, pulleys, and other components for signs of wear, debris buildup, or any loose or damaged parts.

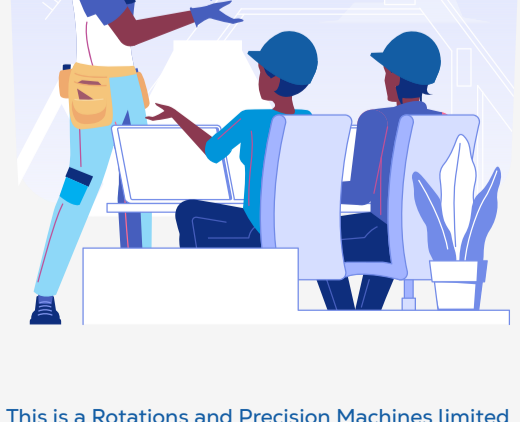
### 4. Use Emergency Stop Buttons

Emergency stop buttons and procedures are essential for conveyor systems to ensure that workers can quickly shut down the system in case of an emergency.



### 5. Train Employees on Conveyor Safety Procedures

Conveyor system safety training is essential for conveyor systems to ensure that workers are aware of potential hazards and know how to operate the system safely.



This is a Rotations and Precision Machines limited publication.