



# SAFETY TAILGATE MEETING

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Company	San Joaquin Valley Homes: Construction		Project	Quail Run	
Date	August 25, 2021	Time	1:34 PM	Conductor	Connor Merrill

## HEAVY / EARTH MOVING EQUIPMENT

### INTRODUCTION

Heavy and earth moving equipment such as tractors, scrapers, bulldozers, backhoes, loaders and other types can be used for good. However, they can also be very dangerous.



**Group Discussion:** Have you ever seen an injury involving this type of equipment?

**In this meeting, we will discuss:**

**(1) DANGERS OF OPERATION**

**(2) OPERATING THEM SAFELY**

**(3) FATALITIES TO LEARN FROM**

### DANGERS OF OPERATION

There are many dangers when operating or working around heavy and earth haulage equipment.

**Crushing hazard:** The machine can crush the operator and others. Getting caught in a pinch point or under the machine when it moves can lead to instant death.

**Rollover:** An unstable machine can tip over. Overloading, carrying too high, unlevelled ground and driving too fast for conditions are just some of the factors that can affect stability.

**Other hazards** include working around electrical and hitting property and other people.

**Note:** All personnel on the ground must wear PPE including hard hats and high visibility clothing. Any traffic control must be set up per local and federal standards.

## OPERATING THEM SAFELY

- Only operate a piece of equipment if you have been properly trained and approved by your company to operate them safely.
- Become well acquainted with how the machine works, including reading the manufacturer instructions. Pay attention to the warning signs.
- Perform an inspection of the equipment daily prior to use per the manufacturer instructions.
- Ensure the attachments (buckets, etc.) are on the ground when leaving the machine
- Stay away from overhead power lines with all parts of the machine (At least 10' up to 50kv. Follow OSHA guidelines for over 50kv).
- Never penetrate the ground without locating any underground utilities. Follow "Call Before You Dig" procedures and other local regulations.
- Always wear the seat belt while operating.
- Pay close attention to where others are working and communicate with them. Making eye contact and acknowledge others before they pass by.
- Use spotters when required, watch blind spots.
- Ensure the back-up alarm is working correctly.

## FATALITIES TO LEARN FROM

**Fatality 1:** An employee was operating a skip loader. With the machine running, he got off it and went to the restroom. The machine started to roll back. Seeing it another employee ran and quickly tried to stop the machine. However, it ran him over and crushed him.

**Group Discussion:** What can we learn from this?

**Fatality 2:** While digging a trench with a backhoe, the operator swung the bucket to the left. Not seeing an employee nearby, the bucket struck his head and killed him.

**Group Discussion:** What can we learn from this?

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**Attendees Names**

**Attendees Signatures**

Connor Merrill



**CONDUCTOR SIGNATURE**

