



# SAFETY TAILGATE MEETING

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Company	Mark Wilson Construction, Inc	Project	City Center Bldg & Site Dev.		
Date	July 16, 2021	Time	7:02 AM	Conductor	John Atwood

## CONCRETE PUMPING SAFETY

### INTRODUCTION

Concrete pumping provides the fastest method for placing concrete on construction jobs. However, there are hazards that we need to be aware of.

#### Group Discussion:

- Have you ever seen something go wrong when pumping concrete? What happened?

In this meeting, we will discuss

#### (1) Preparing the site

#### (2) The do's of concrete pumping

#### (3) The dont's of concrete pumping

### PREPARING THE SITE

Site preparation should begin well before the pumping process. Remove all clutter and clear out space for the pumping truck. The space should be level and large enough to handle a pump using extended outriggers.

**Beware of power lines:** Power lines are the leading cause of fatal accidents when pumping concrete. If there is an overhead power line, a danger zone should be established and a spotter should be used. OSHA says stay at least 10' away from overhead lines up to 50 kv. (If they are over 50kv, consult the OSHA standard for the appropriate distance). However, a good principle is that booms should not be within 20' of power lines. A plan must be in place and a meeting held so that everyone knows the safety procedures.

**Outriggers:** Poor outrigging procedures can cause accidents. Tip overs are largely caused by using outriggers without sufficient cribbing, or the site surface has not been properly prepared to support the weight of an outrigger. Inspect the area and be aware of any underground voids. Adequate cribbing is essential to distribute the weight or balance of the cement load. Use outrigger pads with the equipment and ensure the outriggers are fully extended.

## THE DO'S OF CONCRETE PUMPING

### Definitely DO these things:

- Use trained and certified operators
- Prepare the ground properly using outrigger pads
- Only use boom equipment that is working correctly and has been inspected
- Ensure safety straps are checked for wear and used on the tip hose and hanging attachments
- Operators must have on all required PPE
- Remove all personnel from the area when air is entering the placement system

What other DO'S can you think of?

## THE DONT'S OF CONCRETE PUMPING

### Definitely DON'T do these things:

- Never use a boom to replace the job of a crane
- Don't open a coupling when it is pressurized
- Never climb on hydraulic systems for the purpose of cleaning clogged lines
- Don't stand in front of the discharge end of cement pipeline
- Never handle clogged hoses that are under pressure
- Make sure there are no workers near the discharge hose while it is being primed

What other DONT'S can you think of?

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### Attendees Names

David Peters

### Attendees Signatures

N/A

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## CONDUCTOR SIGNATURE

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