

# Chapman Ranch Contractor Fatality

Initial Incident Alert



# Contractor Fatality at the Chapman Ranch Project

- We recently shared the news of a contractor fatality that occurred at the Chapman Ranch Wind project in the Corpus Christi, Texas area.
- On Friday afternoon, Oct. 14, a contractor worker sustained severe injuries while unloading equipment from a trailer.
- It is unclear exactly what occurred during the unloading process but somehow the worker fell from the trailer deck and steel bracing landed on top of him pinning him to the ground.
- Tragically, the worker passed away from his injuries on October 16<sup>th</sup>.
- Enbridge has been working very closely with the EPC Contractor to ensure the worker's immediate family and co-workers are being supported and a thorough investigation is being conducted.



# Contractor Fatality at the Chapman Ranch Project

## Loading, Off-loading and Transportation

Loading, off-loading and load transportation is an activity that occurs multiple times across the dozens if not hundreds of worksites throughout LP & MP.

Below are a few important items to watch for while unloading material at a work site:

- Ensure the vehicle brakes have been applied before unloading begins
- Verify that the area surrounding the vehicle to be unloaded is clear of unauthorized personnel, overhead cables, structures and other obstructions
- Inspect the load from the ground before unloading begins, to make sure it has not moved or shifted in transit.
- Check that any supporting timbers have not broken, as this may make the material unstable or likely to fall when the restraining straps are removed.
- Keep secondary load restraints (such as side posts) in position during unloading;
- Keep the material under control at all times;
- The unloading operation should always be carried out under the supervision of a competent person who is aware of the hazards present and the necessary precautions.

## FOCUSED INSPECTION - LOAD SECUREMENT - Loading, Off-Loading and Transportation

<b>Project Name</b>	<b>Date</b>	Day	Month	Year
<b>Contractor</b>	<b>Crew Inspected</b>			
<b>Conducted by</b>	<i>Date &amp; Sign.</i>			
<b>Conducted by</b>	<i>Date &amp; Sign.</i>			
<b>Distribution</b>	Contractor Representative _____		Project Safety Coordinator _____	
	Safety Retention Binder			
<b>Interview Worker(s), Ask the following <u>Open Questions</u> &amp; Rank Responses</b> <i>Note: Desired responses on second page</i>		0 = N/A		<b>RESPONSE RANKING</b>
		1 = Below Expectations		
		2 = Meets Expectations		
		3 = Above Expectations		
1. Explain the hazard assessment performed for the loading/off-loading of materials or equipment?				
<i>CORRECTIVE ACTION:</i>				
2. Describe the most likely and or severe injury to occur during loading/off-loading?				
<i>CORRECTIVE ACTION:</i>				
3. Explain the conditions the truck/trailer need to be in, before beginning loading/off-loading?				
<i>CORRECTIVE ACTION:</i>				
4. Describe and show the dominant pinch/crush/contact points of the load?				
<i>CORRECTIVE ACTION:</i>				
5. Explain how to prevent loads becoming unstable during loading/off-loading?				
<i>CORRECTIVE ACTION:</i>				
6. Describe and show the method to access the trailer deck or tops of loads? i				
<i>CORRECTIVE ACTION:</i>				
7. Describe load securement requirements for safe transportation on private or public roads?				
<i>CORRECTIVE ACTION:</i>				
8. What are <u>you</u> going to do to prevent these types of injuries from happening to <u>you or anyone</u> else on this job?				
<i>CORRECTIVE ACTION:</i>				
<b>Assessment Summary Ranking =</b>		$\frac{\text{Response Ranking Total ( )}}{\text{Number of Applicable Questions ( )}} \times 100$		%
		> 67% = Above Expectations 67% = Meets Expectations < 67% = Below Expectations		
<b>Supervisor Improvement Action Plan to Prevent Loading/Off-Loading Injuries (Address All Below Expectations Items)</b>				
Supervisor informed of any improvement opportunities and agreement established to address improvements.				
Supervisor name:		Signature:		Date:
Assessment follow-up date:				
<b>Additional Comments, Commendations or Items of Concern</b>				

**Desired Responses to Interview Questions**

1. Explain the hazard assessment performed for the loading/off-loading of materials or equipment?

**Listen for: Driver safety, planned access, barricading, wheel chocks, load analyzed for stored energy, shifted loads, rigging condition, work at height etc.**

2. Describe the most likely and or severe injury to occur during loading/off-loading?

**Listen for: Serious falls, fatal crushes, sever pinches, strains / fractures, deep cuts, etc.**

3. Explain the conditions the truck/trailer need to be in, before beginning loading/off-loading?

**Listen for: Brake applied, wheel chocks, firm level ground, pads to support landing gear, etc.**

4. Describe and show the dominant pinch/crush/contact points of the load?

**Listen for: Stored energy due to, unstable load components shifting or falling, springs/chains/banding/slings under tension, pipe bunk condition/size/placement, etc.**

5. Explain the how to prevent loads becoming unstable during loading/off-loading?

**Listen for: Pipe bunk support placement, deck stakes, layered strapping, etc.**

6. Describe and show the method to access the trailer deck or tops of loads?

**Listen for: Ladders, fall protection, slippery surfaces, open holes in deck, etc.**

7. Describe load securement requirements for safe transportation on private or public roads?

**Listen for: Number and placement of straps/chains, tensioning devices, how often to re-check securement, oversize/wide load indicators, etc.**

8. What are you going to do to prevent these types of injuries from happening to you or anyone else on this job?

**Listen for: Stop work when it looks unsafe, ask questions if it is unclear, follow the plan established from the Hazard Assessment, etc.**

**Comments for Improvement of Focused Inspection**