

Welcome to the Hard Hat Training Series!



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Welcome to the Hard Hat Training Series. Today we will talk about railroad car movers. These highly-specialized machines are used to move railroad equipment in sidings, small railyards, and industrial complexes. By the end of today's training, you will have the knowledge and skills you need to be an effective and safe operator.



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RAILCAR MOVER
OPERATION AND SAFETY TRAINING



Railcar Movers: A History

Railways have served as a crucial method of transportation for goods and personnel since the 19th century. The first steam-powered locomotive, built in 1806, would mark the beginning of a major leap in technology used to transport goods.



Since then, locomotive transportation remains one of the most efficient methods of delivering goods. Despite their immense size, trains can move tons of cargo for thousands of miles at an incredibly low cost.



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The increasing popularity of railways meant that rail systems would become more complex. This complexity presented a problem when engineers needed to move train cars to different rail systems. Hand-powered movers and switcher locomotives were originally used, but they were slow and costly as well as inefficient. A better solution was needed to meet the growing need.



The result was the railcar mover. This remarkable machine was designed to drive on the road as well as the track. This versatility means that the railcar mover is able to shift between tracks quickly and easily. Its powerful engine allows it to haul heavier loads of cars and get them to their destination at great speed.





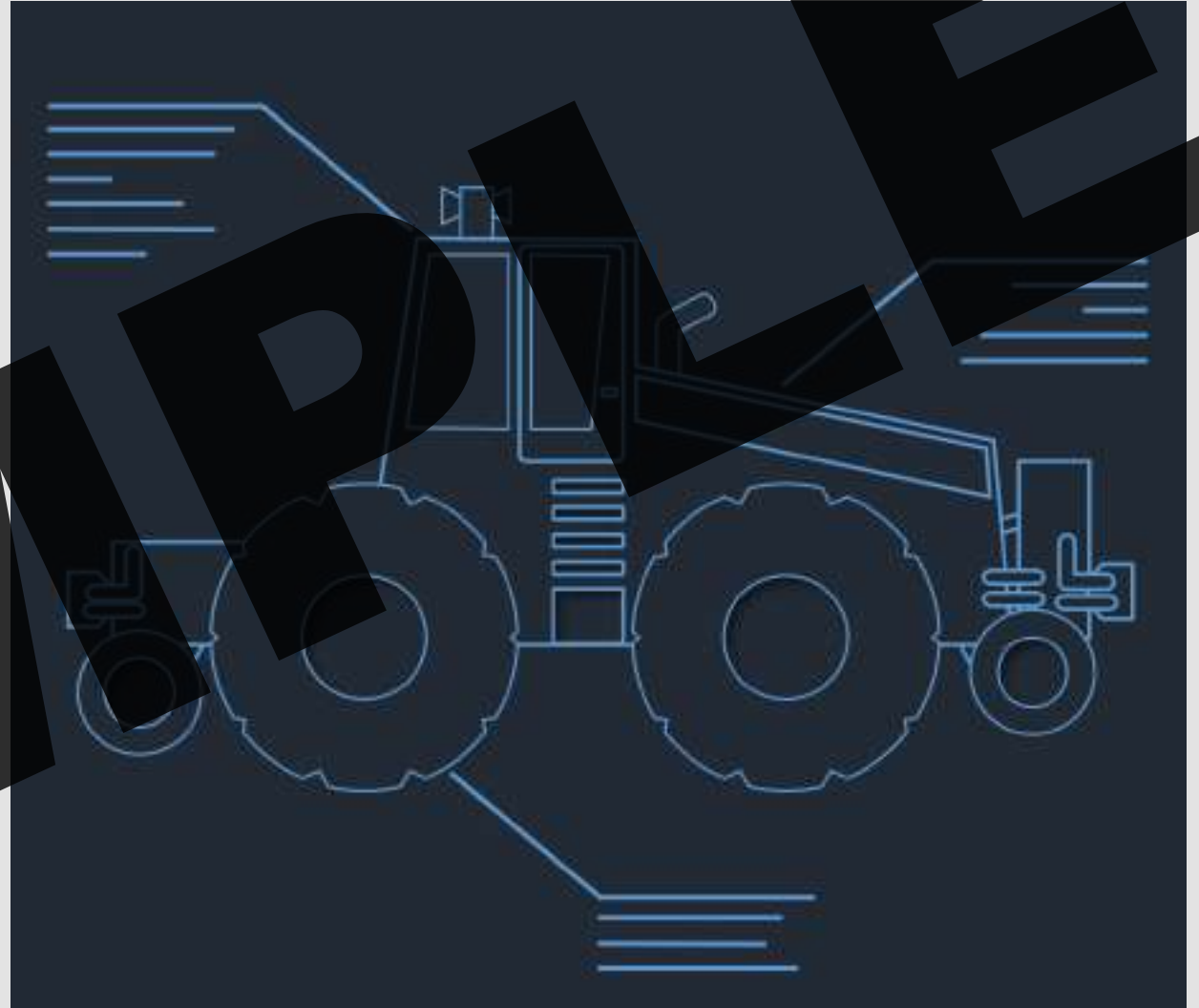
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Railcar movers have drastically increased efficiency on worksites. Track switching can be done quickly so that trains and goods can get back on the rails in no time at all. That said, railcar movers are not simple devices. They require a good deal of concentration to operate, as well as a thorough knowledge of how they work.



Course Overview

This training will teach you about how a railcar mover works, what functions it performs, and how to safely operate it on the road and on the rails. You will learn about safety principles that are necessary for maintaining a secure work environment. You will also learn about how to avoid dangers that can sometimes present themselves during railcar mover operations.



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The Life & Times

Monday, September 18, 2019

Safety in the Workplace A3

Investigators looking into recent worker fatality

Federal Way – Early in the morning last Saturday, local construction workers hired to install several utility poles were involved in an accident that killed two and injured four.

The horrific chain of events started with a relatively minor incident at 7 a.m. when a worker fell into a water tank.



Throughout this training, we will look at real, investigated accident profiles. In some cases, two or three similar accidents have been combined for the purpose of illustrating key safety principles. They will show just how quickly things can go wrong when safety procedures are ignored, resulting in injuries or fatalities.



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Definitions

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