

Case Study:
MSA Latchways PRD



WE KNOW WHAT'S AT STAKE.



Selection of the Solution

The company selected MSA, The Safety Company and our Latchways Personal Rescue Device (PRD) for its solution. By using a longer, shock absorbing lanyard, workers would have the ability for increased comfort and mobility within the bucket truck. At the same time, the PRD provided the fall protection and self-rescue capability in the event the worker fell or was ejected from the bucket. In the event of a fall, the worker would be trained to self-rescue by activating the PRD for a controlled descent to the ground.



The Challenge

In response to OSHA's requirements for fall protection in bucket trucks and other elevated work platforms, fall protection solutions have been under review by many companies. OSHA's 1910.67 standard requires Fall Protection while working in a bucket or basket.* This is because of potential accidents or mechanical failures which should they occur, could result in the workers falling from the basket. A restraint lanyard may often be used as long as the lanyard is short enough and will not allow the worker to fall or be thrown out of the bucket. In other cases however, workers may need more mobility in the bucket than a typical restraint lanyard will allow. This was recently the case for a North American telecommunications company. The company needed a solution for their bucket truck applications, that allowed for further worker mobility so they could complete the job, but also provided additional fall arrest capability—and self-rescue capability—as many of these workers would be alone while performing their daily tasks.



Implementation

Throughout the project, MSA's training team and Fall protection specialists worked closely with the customer to understand scope of the project, and also customize training options that were specific to the customer's real life application.

MSA's professional training instructors customized the two-hour training class for the application, focusing on fall arrest and evacuation. With over 1,000 bucket trucks equipped with the PRD system, it was crucial the employees were properly trained on the rescue equipment. Additionally, MSA provided training for the customer's own trainers as well—so they could continue to train employees themselves.

The customized training also covered pre-use inspection, competent person inspection, donning, proper fit, suspension demonstration, and a discussion on service options. Finally, the class wrapped up with extensive Q&A so that everyone was clear on the application and use of the equipment.

Want to learn more about MSA's Personal Rescue Device? [Click here.](#)

* https://www.osha.gov/SLTC/etools/electric_power/ppe_fallprotectionequipment.html#:~:text=While%20working%20in%20a%20bucket,boom%2C%20causing%20workers%20to%20fall.

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