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# Memo

To: Miller Distributor/End-User  
From: Product Management  
Date: March 25, 2003  
Re: Use of the Miller Scorpion in a Lift Application

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Bacou-Dalloz Fall Protection recommends mounting Miller self-retracting lifelines (SRL's) to a suitable overhead anchorage whenever possible. However, when an overhead anchorage does not exist, mounting the SRL's at or below the back D-ring of the user's harness may be necessary.

The Miller Scorpion may be used in a lift equipped to prevent a worker from falling out of the lift by attaching to an anchor point within the lift provided the anchor point is designed to withstand a 5,000 lb. tensile pull and the lift is equipped with guard rails that have smooth edges.

If a person could potentially fall out of the lift, the maximum fall arrest forces may exceed the ANSI Z359.1-1992 recommendation & OSHA 1910.66 requirement of 1,800 lbs. and maximum free fall of 6 ft. depending on the dynamics of the fall. This is due to the positioning of the anchor point attachment. All instructions must be followed in the instruction manual provided with the Scorpion with the exception of the mounting position for your application, and we recommend attaching the anchorage end of the Scorpion to the worker's back and the lanyard end of the unit to the anchor point in the lift to increase the longevity of the unit's lanyard.

The following should be considered when assessing your application:

- The possibility of exceeding a six foot free fall;
- An increased swing fall potential;
- The locking speed of the SRL may vary in the event of a fall due to friction between the lifeline and the lift guardrails;
- Lifeline contact with sharp edges must be avoided;
- Lifeline may be pinched between two surfaces causing excessive lifeline wear and weakness.