

***SRLs Below D-Ring Anchorage***

Subject: OSHA Personal Fall Arrest Systems Below D-Ring Anchorage

Related Products: SRL-Ps

Related Standards: OSHA 1926.502 and 1910.140

Date: 06-14-2023

Revision: 1

The Occupational Safety and Health Administration, or OSHA, establishes comprehensive requirements and regulations for Personal Fall Arrest Systems (PFAS). One type of PFAS is a Self-Retracting Lifeline (SRL). OSHA mandates that all SRLs adhere to specific minimum and maximum performance requirements.

The regulations for SRLs encompass various factors: free fall distances, minimum tensile load strengths, allowed Maximum Arrest Forces (MAF), etc. A Self-Retracting Lifeline must possess sufficient strength to withstand twice the potential impact energy resulting from a fallen worker's free fall of 6 ft. (1.8 m), or the maximum free fall distance permitted by the system-- whichever is the lower of the two.

Although above D-ring anchorage is the preferred anchorage tie-off level in the industry, there are situations where it may be impractical. These situations require the user to initiate below D-ring tie-off. Compliance with OSHA 1926.502 and 1910.140 is required for Self-Retracting Lifelines, regardless of its anchorage height.

Consult OSHA 1926.502 and 1910.140 for detailed information on these regulations.

Please contact our Technical Support Specialist at (704) 262-7893 for any additional questions regarding the information in this Technical Bulletin.

Additionally, refer to the Safewaze manual provided with your product for additional information.