



Rigid Lifelines 10 Key Points

- 1** All Rigid Lifelines™ fall protection systems, accessories, and components meet or exceed the requirements of ANSI Z359, OSHA 1926, and OSHA 1910 fall protection regulations.
- 2** Rigid Lifelines™ fall protection systems are engineered to be in compliance with OSHA law 1926.502(d)(15) and 1910.66 App C (I) (c)(10). Both standards discuss “Anchorages to which personal fall arrest equipment is attached shall be capable of supporting at least 5,000 pounds (22.2 kN) per employee attached, or shall be designed, installed, and used as part of a complete personal fall arrest system which maintains a safety factor of at least two, under the supervision of a qualified person”. All Rigid Lifelines™ systems are engineered by a qualified person who ensures the system maintains a safety factor of at least two per the OSHA law. This means that the system structure is designed above and beyond the minimum required anchorage strength (Safety Factor = Actual Structural Load Strength/Minimum Required Structural Load Strength).
- 3** Rigid Lifelines™ fall protection systems can be designed for one person, or multiple people, where each individual uses a 900LB MAF (Maximum Arresting Force) device, like a self retracting lanyard.
- 4** Many individuals purchase fall protections systems based on the lowest cost option that meets OSHA standards. What these individuals don't realize is that an OSHA inspector has the ability to cite the “General Duty Clause.” This means that if an inspector chooses, he can default to using the nationally recognized ANSI fall protection standard as the law. Fall protection systems that were originally thought to be OSHA compliant may not be, and then become the focus of citation. Avoid this situation by purchasing a Rigid Lifelines™ system.
- 5** Don't let your employee become a fall fatality or injury related statistic. Making the decision to build a homemade fall protection system can have unintended consequences. We have witnessed situations where a safety or maintenance manager made the decision to use homemade fall protection equipment that injured or killed an employee.
- 6** Rigid Lifelines™ has over ten years of experience in designing, testing, and manufacturing complete fall protection systems. We are ISO 9001-2008 registered and are an AWS Certified Welding Fabricator. We have a Professional Engineer on staff that serves on the main ANSI committee as well as several ANSI Standards Committees. We also have qualified fall protection system engineers. Don't put the lives of your employees at risk by working with an inexperienced fall protection systems provider.
- 7** Give your employees the best chance of walking away from a fall uninjured. Rigid Lifelines™ systems do not deflect downward during a fall unlike wire rope systems. Zero deflection in Rigid Lifelines™ systems means limited fall distance, lessened fall forces and little chance of injury due to impacts on the way down or sudden deceleration. The lack of deflection minimizes or eliminates injury, and also provides a better opportunity for self-rescue as long as the worker is in a position to step up to safety.
- 8** Rigid Lifelines™ fall protection systems allow employees to move easily about their job, unlike some other fall protection solutions. Single point anchorage systems restrict linear motion, wire rope systems can drag or hang up, and I-Beams systems have bulky trolleys that do not roll as freely as Rigid Lifelines™ enclosed track and trolley systems.
- 9** Rigid Lifelines™ traveling bridge and swing arm fall protection systems eliminate swing fall and swing impact hazards. These system designs allow for the overhead attachment point to remain directly over a worker's head at all times.
- 10** Rigid Lifelines™ offers the widest line of rigid track fall protection systems on the market. System designs include Ceiling Mounted Monorail, Freestanding Monorail, Traveling Bridge, Fold-Away, Portable Monorail, Swing Arm, Wall Traveling, Portable Gantry, and Fall Restraint Systems. Rigid Lifelines™ also manufactures a line of full-body safety harnesses, self-retracting lanyards (SRLs), and accessories.

Contact a Rigid Lifelines™ representative for more information and details!

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