



Safety Bulletin - November 2018

Permanent Lifelines

A permanent vertical/horizontal lifeline is designed to be permanently installed on various work platforms and access methods where workers are exposed to a risk of falling when performing their work. The system incorporates one energy-absorbing device fitted on the fall arrester. A worker must have a harness equipped with a front top D-link to which the worker connects to the lifeline.

Why is a permanent lifeline a better option than normal fall arrest equipment and/or a temporary lifeline?

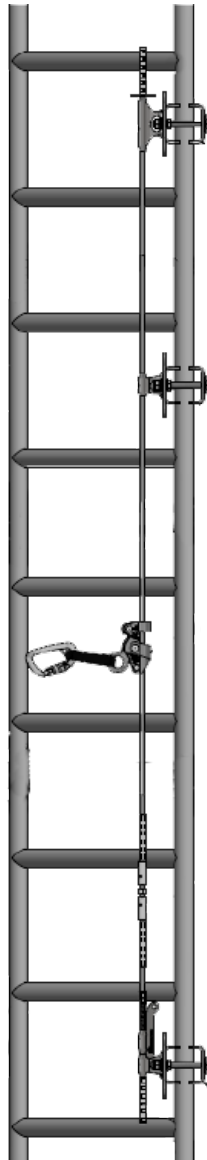
- The user does not install a temporary lifeline, which saves time and reduces danger (fall risk).
- A permanent lifeline can be used at any given moment.
- The falling distance of a person is easier to manage on a permanent lifeline.
- Quality is assured as the system is EN rated.

What are the prerequisites before using a permanent lifeline?

- A permanent lifeline must have a visible certificate that displays information such as, the manufacturer, the EN rating, basic safe use, inspection dates.
- The correct fall arrester that is compatible with the lifeline must be used.

What are some of the basic safe-use instructions?

- The fall arrester is attached to the harness by a karabiner, that is directly connected to the front top D-link without intermediate components.



- The fall arrester should be connected to the cable in accordance with the direction of use marking, usually indicated by an 'up arrow'.
- The fall arrester should move smoothly when going up or down along the cable.
- While descending, the fall arrester should slide freely under the effect of a slight resistance created by the position of the body leaning slightly backwards.
- Before removing or detaching the fall arrester from the cable, fall protection must be provided by another fall protection device.
- Extra precautions must be taken within the first 2 meters to ensure minimum free space safety is maintained.

What actions are prohibited by the manufacturer?

- More than one user on the system at a time.
- The weight of the user, including clothing and tools, weighing less than 50 kg and more than 120 kg.
- Incorrect manipulation of the fall arrester during ascent or descent as it may interfere with the braking mechanism.
- Using an energy absorber that has been deployed.
- Using the system outside the specified limits.

Training on the specific lifeline to be used is essential as there are various types of lifelines available.

For more information, contact info@gravitygh.co.za

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