



TECHNICAL DATASHEET

HLL04 Anchorage Solution

Horizontal Temporary Lifeline



STANDARD: CONFORMING TO EN795:2012 Class B/C  CEN/TS 16415:2013

Product Introduction:

- Horizontal Lifeline (HLL) is a flexible anchorage system designed to protect workers from falls while allowing safe horizontal movement on elevated surface. It consists of a tensioned rope secured between two anchor points, to which workers connect via lanyards or self-retracting lifelines.

Features:

- Design:** The Temporary Horizontal Lifeline System is made up of Braided Rope with usage indicator.
- Equipped with:** Alloy Steel Ratchet tensioners rated for 50kN load for quick and easy tensioning of the lifeline between two supports, Lever for Ratchet tensioner to easily tension the lifeline. Complete kit includes bag and two tie-off anchor slings.
- Anchor ring:** Consists of 4 anchor 'O' rings on the lifeline for users to connect their lanyard.
- Installation:** Flexible line, easy to install and not require any fabrication.



Product Specifications:

Model:	HLL04
Rope Material:	Braided
Rope Width:	16 mm
Breaking Strength:	30 kN (Minimum)
Available length:	20 meter
Approx. weight:	7.5 kg

Benefits:

- Safety:** Ensures worker mobility without frequent re-anchoring, reduces risk of falls in elevated, long-span work zone.
- Portability:** The entire system is packaged in a durable bag, which allows for easy transportation by comfortable shoulder straps, facilitating effortless carrying and portability.
- Easy movement:** Provides continuous fall protection along the span, allowing workers to move safely without changing the connecting element.
- Multi users:** Certified for four users on same time.
- Fall protection:** HLLs provide continuous fall protection by allowing workers to stay securely connected with a lanyard.
- Fall restraint:** HLLs can serve as a fall restraint system, preventing workers from reaching unprotected edges.

Udyogi



Scan Here For More Info

Temporary Horizontal Lifeline System

Applications:

- **Construction sites:** Roof work, bridges, scaffolding, and leading edges.
- **Industrial maintenance:** Oil & gas, power plants, steel structures.
- **Warehouses & logistics:** Loading bays, mezzanines, overhead platforms.
- **Transportation sectors:** Rail, shipbuilding, and aircraft maintenance or in any elevated horizontal workspace lacking permanent or fixed anchor points.

Industries:

The HLLs are essential for creating a temporary anchorage point for maintaining a safe and efficient working Environment in any manufacturing, construction, utility related industries as follow.



Safety Information:

- **Training:** A trained professional should install and supervise the use of HLLs.
- **Rescue:** A proper rescue plan should be in place focusing horizontal life line rescue.

Usage Instruction:

- **Inspection:** Pre use and periodical inspection should be performed to maintain the intended use.
- **Withdrawn from the service:** Damaged or defective lifeline should be removed from service immediately after inspection.

Storage:

- Store in a clean, cool and dry place to protect from corrosion and contamination, should be stored and transported in their original bag to protect from tampering.

Udyogi

294, B. B. Ganguly Street,
2nd Floor, Kolkata - 700 012

E-mail : info@udyogi.net
Website : www.udyogisafety.com

Tel. : +91 33 2225 1470/71/72