

INTRODUCTION

PERSONNEL SAFETY NET SYSTEM



The InCord Personnel Safety Net System is designed with the highest degree of safety in mind, using the highest grade materials within the industry. The shock-absorbing safety netting is made of high tenacity synthetic mesh designed to meet the most rigorous construction demands - and tested to exceed ANSI[®] A10.11-1989 safety standards for personnel nets. In addition, InCord shock-absorbing, diamond mesh netting is treated with inhibitors that protect it from normal wear and tear as well as ultraviolet degradation.

All InCord personnel netting is bordered with 5,000-pound minimum-test synthetic rope with staggered steel hooks every four feet for attachment to other nets. Color coded sides allow for quick and easy matching to identical adjoining nets.

Net support arms are constructed of high strength four inch tubular aluminum used to support the netting over the fall area, work in conjunction with internal and external wire rope cabling to provide a complete impact absorbing personnel safety system.

Conditions Requiring Nets

Personnel nets are installed at a construction site to protect people working at a height, typically greater than one story, and who are not protected by other fall protection equipment.

Each potential fall situation shall be examined by a competent person¹ capable of determining the height and conditions for which fall protection is required.

No public traffic or workers shall be permitted underneath a personnel safety net unless the net is provided with a debris lining with mesh and strength capable of stopping falling objects such as tools and material used at the site.

Installation

The personnel safety net is designed and constructed to minimize fall-arrest injuries sustained in the course of normal use when installed in accordance to these instructions.

The nets shall be installed below the work area and as close as practical, but not lower than 30 feet.

They shall be hung with sufficient clearance to prevent contact with any surface below the safety net during full impact load, which is typically twice the shortest dimension of the net.

Mounting brackets for the net arms must be secured to a suitable working surface, and installation of all support cabling must follow the instructions outlined in this manual.

No substitute of material is acceptable. Any damaged netting, support arms, cabling or fittings must be reported to the work site supervisor immediately.

Inspection and Testing - See ANSI[®] A10.11-1989

Personnel nets and hardware shall be inspected by a competent person¹ after each installation.

Additional inspections shall be made after alterations, repair, and impact loading. On-the-job impact testing of the nets shall be conducted in the suspended position immediately following initial installation, relocation, or major repair.

¹ "...capable of identifying existing and predictable hazards in the surroundings or working conditions that are hazardous or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them". ANSI[®] A10.11-1989