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Full body Harness



Full Body Harness: The full body safety harness is a key part of an active fall arrest system. The harness serves two purposes, first, distributing fall forces safely across a worker's body in the event of a free fall, and second, providing freedom of movement sufficient to allow the worker to effectively perform his or her job. The full body harness combines the features of a sit harness, which supports the hips and upper legs, and a chest harness, which supports the shoulders and chest. When properly used, the full body design contains the human torso and aides in keeping it upright during a fall event.

Full Body Harness (with Shock Absorbants): These Harnesses have one Dorsal D-Ring and two Chest attachment D-rings. They also have Ergonomic horizontal H-shaped thigh straps and these facilitate vertical and horizontal movements. Their Webbing are made up of Fray-proof dope-dyed polyester and metal buckles are with high strength alloy steel. These are available with Energy Absorbing double Polyamide Rope Lanyard. These Energy Absorbing double Polyamide Rope Lanyard have one side EASY 308 Karabiner and other side two EASY SH 60 Scaffolding Hooks.

i). Full Body Harness	
Anchor point	One dorsal D-ring and two chest attachment D-rings.
Materials	Fray-proof dope-dyed polyester webbing and Metal buckles of high strength alloy steel.
Stitching	High-strength polyester stitching
Adjustability	Size adjustment straps at shoulder and thighs
Standard	Conforms to IS 3521:2003 ISI Marked



ii). Energy Absorbing Lanyards	
Description	With one side EASY 308 Karabiner and other side two EASY SH 60 Scaffolding Hooks.
Rope dia	12 mm.
Strength	23 kN.
Standard	355:2002 and 354:2010.




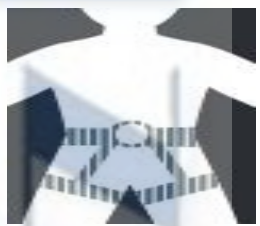




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Features:

- Ergonomic horizontal H-shaped thigh straps.
- Facilitate vertical and horizontal movements.
- No discomfort or pressure on the groin, I
- Improved comfort in case of a fall.
- Built-in fall indicator for easy inspection.
- Sub-pelvic straps stays low and comfortable.

Functions; These Harness have different Classes and each classes have different functions such as;

Class	Meet for Requirement	Function	Image
Class-A	Class-A of basic fall arrest	<ul style="list-style-type: none"> • It shall incorporate at least one fall arrest attachment element. • The fall arrest attachment element shall be positioned so that it lies at the back ("dorsal" attachment D-ring) of the user. 	
Class-D	Class-D shall meet the requirements for Class-A	<ul style="list-style-type: none"> • It has additional attachment elements that allow the user to connect to a controlled descent system. • It has a controlled descent and ascent attachment elements incorporated so that the user can adopt an approximate seated position (whilst in suspension). 	
Class-E	Class-E shall meet the requirements for Class-A	<ul style="list-style-type: none"> • It has additional attachment elements that allow the user to connect to a confined space access system. • It has a sliding attachment element on each shoulder strap to be used as pair, so that they enable the user to adopt a near upright position (whilst in suspension). 	
Class-L	Class-L shall meet the requirements for Class-A	<ul style="list-style-type: none"> • It has additional attachment elements that allow the user to connect vertical climbing guided type Fall arrester. • It has a vertical climbing point incorporated so that the user can climb a ladder with both hands free and very easy to self-rescue in the event of a fall. 	
Class-P	Class-P shall meet the requirements for Class-A	<ul style="list-style-type: none"> • It has additional attachment elements that allow the user to connect to a work positioning system. • It has at least one work positioning attachment element incorporated at approximately waist level. 	