

## OVERVIEW

HARNESSES

CONNECTING  
DEVICESANCHORAGE  
CONNECTORSVERTICAL  
LIFELINES

INSPECTION

HORIZONTAL  
LIFELINE  
SYSTEMS

NETTING

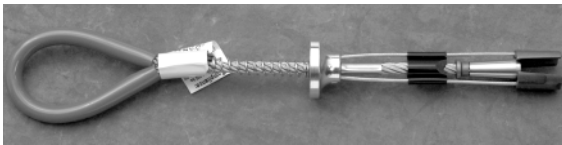
ROOF SAFETY

CONFINED SPACE

WELDING  
PRODUCTSCOMPETENT  
PERSON  
TRAININGREQUIREMENTS,  
STANDARDS &  
CODES FOR  
SAFETY

# Three Components of a Personal Fall Arrest System

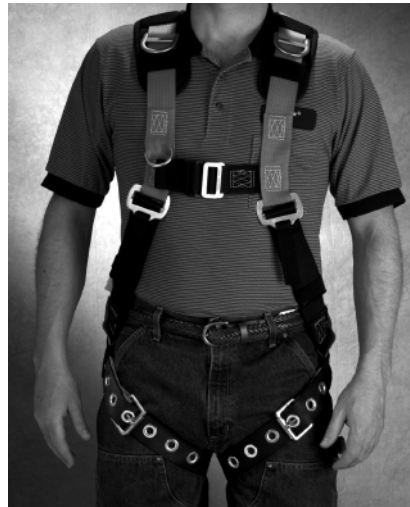
Three key components comprise the Personal Fall Arrest System (PFAS). Individually, these components will not provide protection from a fall. Used properly in conjunction with each other, however, they form a PFAS, which becomes vitally important to safety on the jobsite.



## Anchorage/Anchorage Connectors

The first component of a PFAS is the anchorage/anchorage connector. An anchorage, commonly referred to as a tie-off point, may be an I-beam, column, rebar, scaffolding or other structural member. An anchorage connector is used to join the connecting device to the anchorage when a direct connection does not exist. It is important to select the proper anchorage/anchorage connector for ultimate safety. Anchorages and anchorage connectors must be easily accessible, capable of supporting 5,000 lbs. (2,268 kg) of force per worker and must be located high enough for a worker to avoid contact with a lower level should a fall occur.

Spider offers a variety of convenient 5,000 lb. (2,268 kg) rated anchorage connectors for every application. All Spider anchorage connectors meet applicable OSHA requirements and ANSI standards for compliance and safety.



## Body Wear

The second component of a PFAS is the body wear worn by workers while performing the job. Simply put, the full-body harness is the only acceptable form of body wear for fall arrest. Full-body harnesses distribute fall forces throughout the body, substantially reducing the chance of injury. In addition, the full-body harness keeps the worker suspended upright in the event of a fall and supported while awaiting rescue.

Harnesses should be selected based on the work to be performed and the work environment. Spider offers various configurations. All Spider harnesses meet applicable OSHA requirements and ANSI standards.

Spider harnesses are developed to insure maximum comfort and productivity for each user.

## Connecting Devices

The third component of the PFAS is the connecting device. This may be a shock-absorbing lanyard, tie-back lanyard, retractable lifeline, rope grab and vertical lifeline or similar device used to connect the body wear to the anchorage/anchorage connector. A connecting device should be selected based on the work to be performed and on the work environment. In addition, it is critical to consider potential fall distance when determining the type of connecting device to be used.

Spider provides a wide range of innovative, user-friendly connecting devices for every application.