



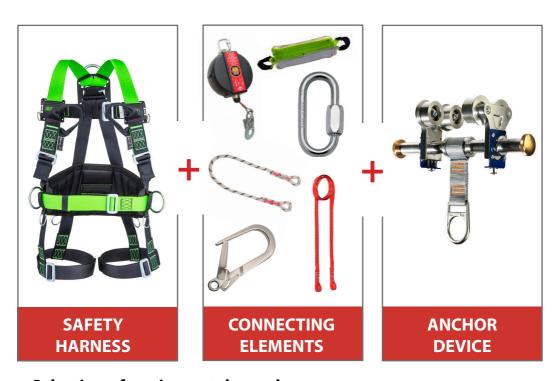
Series of Flyers
Education for Better Health Protection
and Safety at Work

USE OF PERSONAL PROTECTIVE EQUIPMENT AGAINST FALL FROM HEIGHT



- · at risk of fall from height or in depth
- when no other protective measures are applicable

MAIN PARTS



Selection of equipment depends on

- place of work
- assessed risk

SAFETY HARNESSES

fastens worker to other parts of the equippment



Waist belt

Sit harness



Full body harness



Combined body harness



Connection points:













Inspecting correctness



Fall indicator

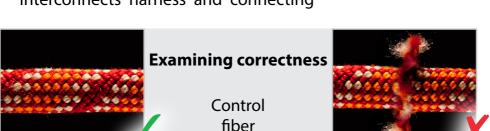


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CONNECTING SAFETY

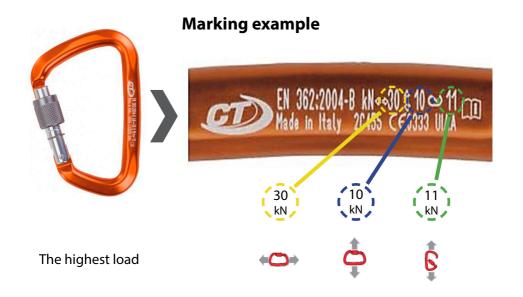
ROPE OR LANYARD

interconnects harness and connecting



CONNECTORS AND HOOKS

Connect parts of the equipment



FALL ARRESTING SYSTEM – ENERGY ABSORBER

- absorbs kinetic energy during fall
- restrains maximum arresting force to 6 kN
- maximum absorber length, including connectors, up to 2 m



ANCHOR DEVICE

Connects equipment parts with bearing structure

Portable anchoring device fastened to solid structure (class B)



Portable anchoring device fastened to horizontal surface (class E)



NORMS

prescribe characteristics related to applicability and safety of equipment

HRN EN 361	PPE against falls from a height - Full body harnesses
HRN EN 813	Personal fall protection equipment – Sit harnesses
HRN EN 358	PPE for work positioning and prevention of falls from a height – Belts for work positioning and restraint and work positioning lanyards
HRN EN 354	Personal fall protection equipment - Lenyards
HRN EN 1891	PPE for the prevention of falls from a height - Low stretch kernmantel ropes
HRN EN 362	PPE against falls from a height - Connectors
HRN EN 355	PPE against falls from a height – Energy absorbers
HRN EN 360	PPE against falls from a height – Retractable type fall arresters
HRN EN 795	Personal fall protection equipment – Anchor devices *
HRN EN 365	PPE against falls from a height - General requirements for instruction for use, maintenance, periodic examination, repair, marking and packaging

^{*}restricted by comission implementing decision EU 2015/2181

EQUIPMENT MAINTENANCE

EXAMINING FUNCTIONALITY, DAMAGES, CLEANNESS AND READABILITY OF MARKS

before use

visual



tactile



· periodically

at least once a year



documented



CLEANING

- · warm water
- no use of chemical agents

STORAGE

- in dry and airy place
- away from direct sun light
- freely hanged

TRANSPORTATION

in special cases or bags







EFFICIENT PROTECTION AGAINST FALL FROM HEIGHT





Image sources:

www.honeywellsafety.com/MEI/News_and_Events/Press_Releases/HONEYWELL_LAUNCHES_NEW_FALL_PROTECTION_HARNESSES_FOR_UTILITIES_SECTOR.aspx www.petzl.com/LU/en/Professional/Connectors/GO#.V9jqUmXV-No www.kong.it/en/2-products/items/f1-carabiners/p525-queedy www.rescuedirect.com/Merchant2/merchant.mvc/Screen=PROD&Product_Code=202822 www.climbingtechnology.com/en/professional-work/connectors/large-en l/large-sg karami.n/india/fall_protection/lanyards/energy_absorbing_fall_arrest_lanyards/pn_400.htm superanchor.com/energy.bbsorbers.php superanchor.com/selfRetractingLifeline.php guardianfall.com/performance-safety-products/anchor-points/product/beamer-trolley-anchor.com/energy.absorbing_fall_energy_absorbers.php superanchor.com/selfRetractingLifeline.php guardianfall.com/performance-safety-products/anchor-points/product/beamer-trolley-anchor.htm www.cresto.se/en/Products/ResQ_Raddningsutr.html

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