



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

UAE-UK-INDIA-AZERBAIJAN-SINGAPORE



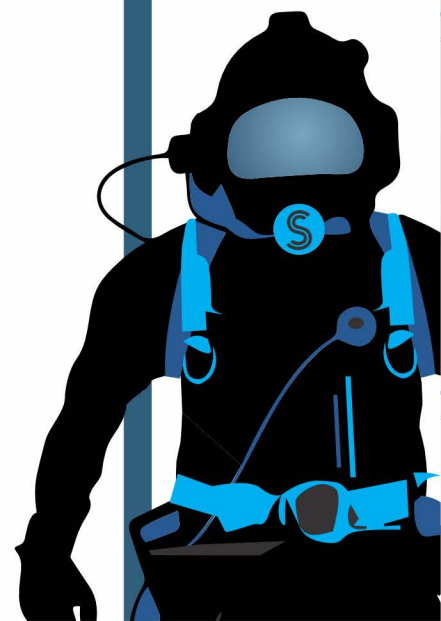
PRODUCT CERTIFICATE
EC Attestation of Conformity

In Compliance with following
Directives:

Machinery Directive
2006/42/EC

Low Voltage Directive
2014/35/EU

Pressure Equipment Directive
2014/68/EU



COMMERCIAL DIVING HARNESS | SY-CDH

DESCRIPTION

A diver recovery harness utilising ergonomically designed for comfort and safety. This diver harness can be used for work safety. If a diver becomes unconscious or incapacitated they will be rescued and recovered to the diving bell via a recovery hoist. The recovery hoist will be attached to the divers harness and the diver would be raised into the diving bell to receive treatment. The harness acts as the strong point to attach the divers umbilical. Lifting can be via the rear of the neck recovery lifting point or using a spreader bar across the two front recovery lifting points (certified triangular shaped D-rings).

The bell safety harness is available in two sizes (small and standard), both are fully adjustable as to its position, which allows divers of different sizes to position and lock it in the most suitable place.

Quality you can count on - tested and compliant.

We've had it independently tested against the European Standard 15333-1:2008 clauses 5.11.2 (Lifting Harness), 6.2 (Visual Inspection), 6.8 (Lifting Harness), 6.9 (Sea Water Resistance), 6.13.3 (Basic Testing) and 6.13.4 (Functional Testing when Diving). The Bell Safety Harness meets Regulation (EU) 2016/425 of the European Parliament and of the Council.

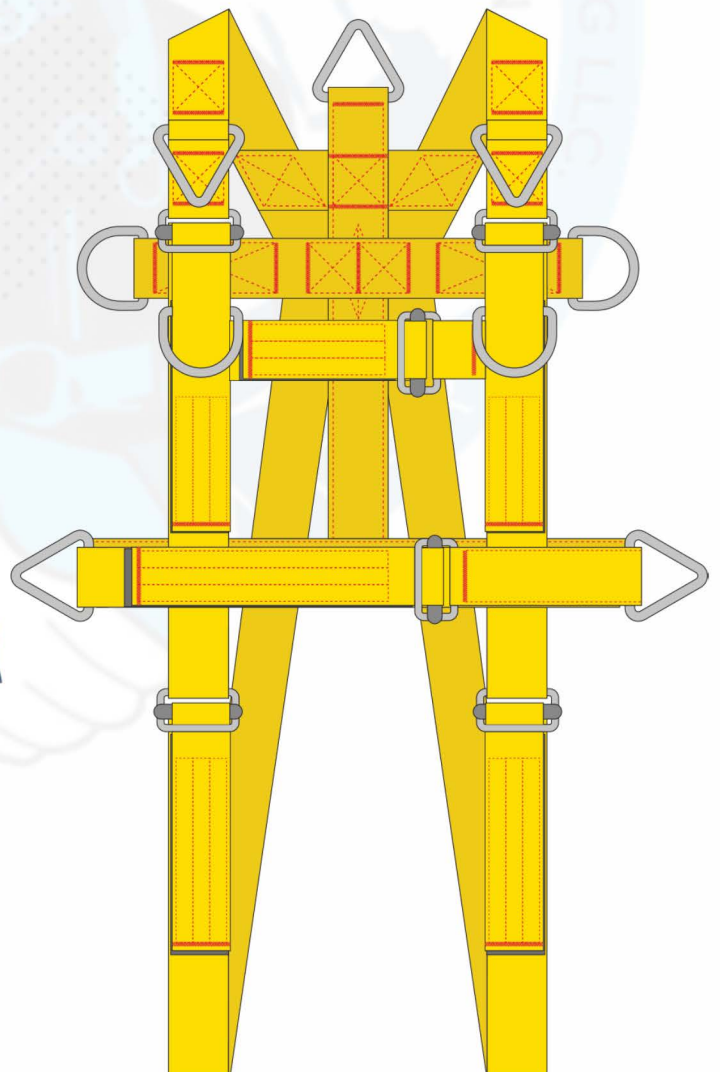
This means our bell safety harness:

- Can be used to lift an unconscious diver from the water
- Doesn't need to be removed along with any diving gear attached to it in an emergency
- Has lifting points on both the back and front
- Each lifting point (and the adjustment buckles) can withstand a tensile force of 1000kg
- Had no tearing or indication of failure when subjected to a tensile force of 1000kg for 5 minutes in a direction of lift on each lifting point

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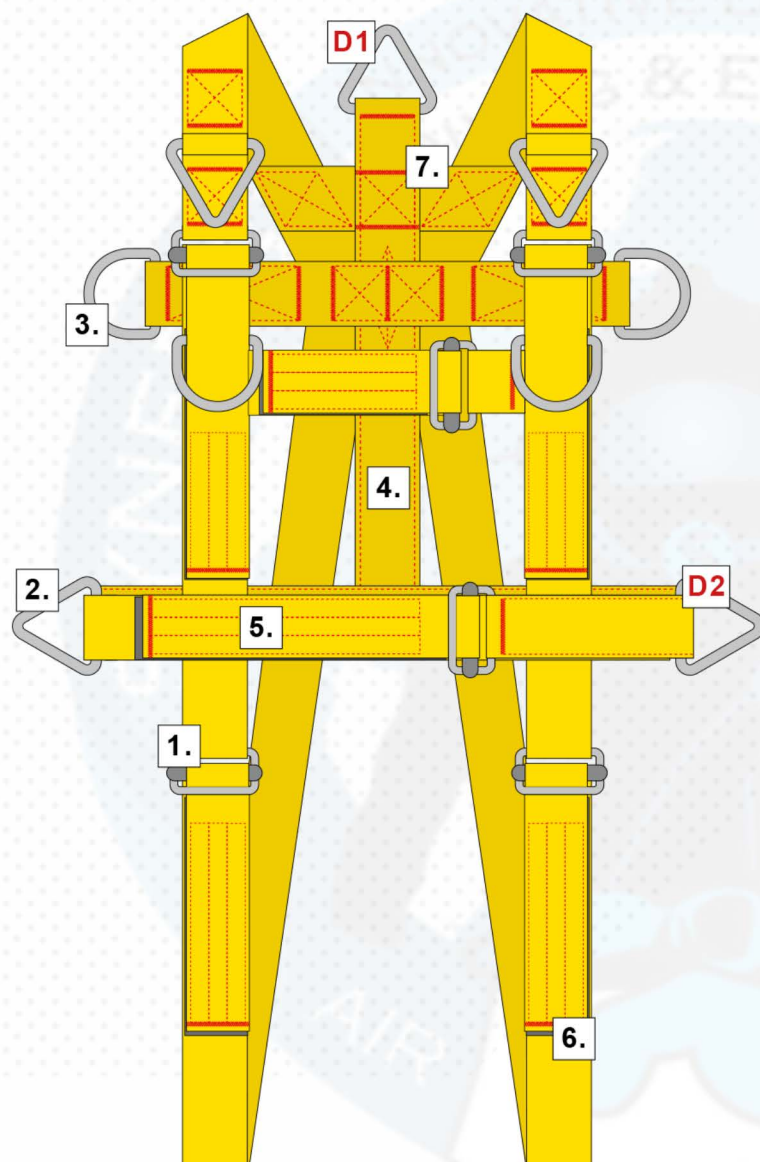
- Passed a sea water resistance test. This test means it was submerged for 8 hours in seawater and then, without being cleaned in fresh water, left in air for 16 hours with a relative humidity of no more than 75%, all at a temperature of between 15°C - 25°C. This cycle is completed four times for the test

The testing our harness underwent was done independently from Northern Diver. They tested the security of the fastenings and couplings, the comfort and checked that there were no sharp edges or protrusions that could injure a diver wearing it. They checked how the harness functioned out of the water and made sure that it was easy to don and doff without help on land - this included the adjusting of all the straps.



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HARNESS PARTS BREAKDOWN.



1. Stainless steel slide lock adjustment buckles (qty 2)
2. Certified diver recover lifting points - special triangular shaped stainless steel d-rings (qty 5)
- D1:** UK umbilical D-ring
D2: USA umbilical D-ring
3. Approved stainless steel equipment d-rings (qty 4)
4. Highly visible 50mm wide heavy duty, durable webbing build
5. Easily adjustable shoulders, chest, waistband and leg straps
6. All straps are secured with hook and loop Velcro so there is no risk of snag hazards
7. Reinforced red stitched areas provides additional strength and is easily identifiable for inspections

SIZE CHART.

The harness is available in SMALL and STANDARD sizes.

Bell Safety Harness Size Chart

	CHEST (CM)	CHEST (IN)
SMALL	91-116	36-46
STANDARD	121-162	48-64

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D-Rings for Hat Restraints

Chest Strap to Stop
Slippage

Waistband with
Easy Adjustable Buckle

Certified Diver Recovery
Points

Lots of Equipment
D-Rings



SYNERGY INFRASTRUCTURE





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