

ATTACHMENT 3
Interspiro Product Literature

**COMMENTS TO PROPOSED RULE ON APPROVAL TESTS AND
STANDARDS FOR CLOSED-CIRCUIT ESCAPE RESPIRATORS**

73 Federal Register 75027, December 10, 2008

RIN: 0920-AA10

42 CFR pt. 84

NIOSH Docket #005

Prepared by Ocenco, Incorporated

April 10, 2009

INTERSPIRO

SPIROSCAPE

EMERGENCY ESCAPE BREATHING DEVICE (EEBD)

- ❶ Unique patented automatic ambient air valve
→ **Eliminates the risk of suffocation**
- ❷ Unique patented air supply system in the hood
→ **Maximized duration, minimized dead space**
- ❸ Two-layered hood, outer and inner
→ **Positions the inner mask correctly**
- ❹ Very flexible neck seal
→ **Easy to don and comfortable to wear**
- ❺ Quiet air delivery system
→ **Allows voice communication**
- ❻ Fail safe quick start mechanism
→ **Guarantees automatic air activation**
- ❼ Compressed breathing air technology
→ **Unit can be re-used**
- ❽ Quick fill system
→ **Quick and easy recharging of cylinders**



SPIROSCOPE

EMERGENCY ESCAPE BREATHING DEVICE

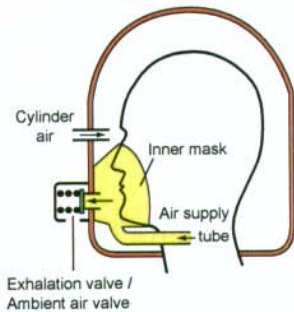
There cannot be a simpler unit than the **SPIROSCOPE**. Once it is donned, the user is able to focus on escape. This is made possible with the unique ambient air valve which automatically opens when the cylinder is depleted. Thereby eliminating the risk of suffocation inside the hood and no air is wasted on a low air warning alarm.

The patented air distribution system expels CO₂ from the hood optimizing the use of air from the cylinder. The air flow is activated by pulling the quick start tab. This simultaneously opens the zipper on the carrying bag, giving the user access to the hood.

An anti-tamper tag verifies the integrity of the unit and the cylinder contents gauge can easily be read from the outside.

The **SPIROSCOPE** comprises of a cylinder with breathing air which can be easily recharged with the simple quick fill system, providing a unit that is easy to re-use and ideal for training.

The hood has a very flexible neck seal providing an effective seal and making the hood easy to don and comfortable to wear.



For more information about the Interspiro product range and our other breathing protection products please visit our website.

REFERS TO PRODUCT(-S) WITH PART NO.(-S)		
95300-02	Filled cylinder	200 bar, 15 min
95300-02EMPTY	Unfilled cylinder	200 bar, 15 min
95300-11	Filled cylinder	3000 psi, 10 min
95300-12	Filled cylinder	3000 psi, 15 min

STANDARDS

- EN 1146
- 42 CFR Part 84

MATERIALS

Outer Hood	Coated PVC, fluorescent yellow
Inner Hood	Spandex
Inner mask	Natural rubber
Visor	Surface treated PVC
Neck seal	Silicone
Breathing hose	Wire reinforced PVC
Carrying bag	PVC coated polyamid

DIMENSIONS AND WEIGHT

As delivered, in cardboard box:

Dimensions	530 x 240 x 140 mm
Weight (3 lit., filled)	6.0 kg
Weight (3 lit., unfilled)	5.0 kg

CYLINDER

Volume	Pressure	Duration	Material
3 lit.	200 bar	15 min	Steel
134 cu.in.	3000 psi	10 min	Aluminum
210 cu.in.	3000 psi	15 min	Composite

QUICK FILL

The quick fill adapter provides easy and fast recharging of the cylinder.

Description	Order no
Quick fill, EN144, 200 bar	95360-02
Quick fill, CGA, 3000 psi	95360-04

APPROVALS

- 96/98 EC on Marine Equipment, M.E.D. ("Ships Wheel")
- CE 89/686/EEC
- 97/23/EG/PED
- NIOSH

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