Hood Information:
- Material: Flame retardant PVC coated fabric
- Thickness: min 0.5mm
- Splicing system: Electro-frequency
- Splicing resistance: 0.3 bar
- Valve: Flame retardant transparent PVC, thickness 0.5mm
- Exhalation valve: Spring loaded with silicone diaphragm
- Exhalation valve/opening pressure: 1.5 – 2 mbar
- Inner mask: Natural rubber
- Neck Seal: Natural latex
- Hose working pressure: 10 bar
- Hose burst pressure: 30 bar

F-Standards Met:
- EN 1146/2003
- ISO 23269/2008
- SOLAS 74 including amendments 2000 (IMO Res.MSC.81 (73), Reg. II-2/13,3 and 13,4,3)
- International Code of Fire Safety System (IMO Res.MSC.98 (73), Chapter 3, Para 2.2
- MSC/Circ.849 - Guidelines for the performance, location, use and care of Emergency Escape Breathing Devices (EEBD)

Q-Dimensions/Weight:
- Total Weight: 58 cm
- Width: 22 X 15 cm
- Net weight with steel and aluminium cylinder: 5.7 kg
- Net weight with carbon composite cylinder: 3.7 kg
- Fully charged weight with steel and aluminium: 6.7 kg
- Fully charged weight with carbon composite cylinder: 4.7 kg

EEOBDS

UAE:
- Corodex Electromechanical Contracting
- Concorde Trading Company
- Bristol Vehicle Manufacturing Division
- Al Jaddaf Electromechanical
- Corodex Marine

World Wide:
- International Gulf Trading Company
- Gulf Sail For Water Technology
- Integrated Engineering Solutions (IES)
- Concorde Advance Technical Solutions
- EFLO International

Distributors:
- Distributors:
  - Algeria
  - Egypt
  - Qatar
  - Jordan
  - Oman
  - Saudi Arabia
  - UK

G-Dimensions/Weight:
- Width: 5.7 kg
- Total Height: 3.7 kg
- Net weight with steel and aluminium cylinder: 6.7 kg
- Fully charged weight with steel and aluminium: 4.7 kg
- Fully charged weight with carbon composite cylinder: 6.7 kg

Emergency Escape Breathing Apparatus

Concorde-Corodex Group
Fire Protection, Water & Wastewater Treatment and Environmental Specialists
P.O.Box: 12282 Dubai, UAE  Tel: +971 4 3472900  Fax: +971 4 3472976
E-mail: info@corodex.com, www.corodex.com

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Emergency Escape Breathing Device

1.5 Minutes (EEBD)
The NEAR guard Emergency Escape Breathing Device allows safe, effective escape from hazardous environments. Simple to put on and featuring practically automatic operation, the hood-based, positive pressure breathing device can be used with minimal training.

Experience with emergency situation
In emergency situations, conditions can deteriorate rapidly. The air is suddenly filled with smoke or toxic fumes and rapid escape is the only available option. The NEAR guard was designed to be available even for people with disabilities or visual impairments. When opened, the hood is automatically sealed and bags leading to a continuous supply of breathing air. The NEAR guard gives the wearer the precious additional time needed to exit the area safely.

Up to 15 minutes of breathing air
The NEAR guard allows simple, bulkhead installation and results in minimal airflow characteristics, providing a constant rate of air flow and the cylinder is completely simple. The cylinder's inside volume is used for the air supply and is filled with compressed air. NEAR guard equipped with 3lt aluminium cylinder can hold 15 minutes of use. The flame resistant hood acts as a large minimum pressure type.

Worry-Free service
The NEAR guard's elastic neck seal, resistance to the effects of high temperatures, ozone and diesel fumes, which are often found in places such as engine rooms. This translates to years of reliable, worry-free service even under adverse conditions.

Low Maintenance
The NEAR guard requires very little service and maintenance. A transparent window lets you check the cylinder pressure gauge (charging pressure: 300 bar). TheNEAR guard hood's elastic neck seal, resistance to the effects of high temperatures, ozone and diesel fumes, which are often found in places such as engine rooms. This translates to years of reliable, worry-free service even under adverse conditions.

Features and Benefits
- New SCBA requirements and EN 1165: ISO 23269
- Light and compact
- Simple to use, easy to store
- Fast automatic starting
- 15 minutes of breathing air
- High visibility outer bag and hood for added safety
- Alarm within seconds before the air supply exhausts
- Harness, inner mask, and neck seal for increased tightness
- Alarm whistle sounds before the air supply exhausted
- High visibility outer bag and hood for increased safety
- CAD-Cam process
- Reduces air consumption
- Minimum 15 minutes. This is the duration required by IMO. In the apparatus a fast positive method of operation permits the air from the compressed cylinder into a flexible hood which can be slipped over the head in a fast maneuver without any complication.

Technical Description
A-General
The escape breathing apparatus NEAR guard is a compressed air breathing apparatus to be used for emergency escape from respirable atmospheres. It has been designed in accordance with EN 1165 to demonstrate compliance with safety requirements of EC directive 99/36/EC.

It is a lightweight apparatus that is simple to use and gives a constant flow of breathable air. The NEAR guard has duration of 15 minutes. This is the duration required by IMO. The apparatus has a fast positive method of operation permits air to pass from the compressed cylinder into a flexible hood which can be slipped over the head in a fast maneuver without any complication.

B-Cylinder
The cylinder comprises a cylinder certified according to Transportable Pressure Equipment Directive 94/37/EC and in accordance with EN 1975.

NEAR guard Cylinder:
- Material: Aluminium (AA 6061 T6), Steel, Carbon composite
- Volume: 3lt
- Charging Pressure: 300 bar
- Test Pressure: 500 bar
- Free Air Capacity: 600L
- Dimensions: Body OD: 177mm – Height: 430mm Max. Aluminium and steel 6 kg, Carbon composite 2.1 kg
- Thread: in 2002 Carbon composite cylinder M12 X 1.5

C-Bag
- The cylinder and the hood are carried in the bag.
- The yellow colored bag is made of flame retardant PVC material and has a quick opening through Velcro strips
- The neck belt is made of synthetic fiber able to use to carry and handle the apparatus easily.

D-Regulator / Cylinder Valve
The regulator is mounted on the cylinder. The regulator has a quick start function. By pulling the Start Pin (bag cover) valve is opened in one movement. When the start pin is drawn the airflow starts. From the outlet of the regulator, a flexible hose leads the airflow into the hood.

Technical Data

| Material | Nickel-plated brass |
| System | Regulating type |
| Working pressure | 200 bar |
| Test pressure | 300 bar |
| Air supply | 37 – 40 l/min |
| Starting | Automatic starting when the Start Pin is pulled out |
| Charging | G 5/8” |
| Diameter | 40mm diameter-D31 Steel according to 837.1 |
| Whistle start pressure | 5-7 bar |
| Whistle stop pressure (charging) | max 30/bar |

E-Hood
The hood assembly consists of a bright yellow hood, the inner mask, the air supply hose and the exhalation valve. When the cylinder is opened, the hood is filled with air and provides a reservoir of air. When the user initiates, air goes from the hood to the inner mask and will be exhausted, the supply connection is in the inner mask. When exhalation, supplied air is present in the hood and when the mask is opened through an exhalation valve from the inner mask to the exhalation valve.

The exhalation valve allows the exhalation of the exhaled air and provides a continuous supply of breathing air. The hood assembly provides automatic and easily adjusted for the inner mask. The harness design guides the mask onto the user’s face and ensures the correct position. The mask and exhalation tube is wide range of田枝 and needs no adjustment afterwards.