



## SCBA Applications By Industry

Find your industry and see where you can use an SCBA.

<i>Industry/Market</i>	<i>Hazard</i>	<i>Applications</i>
Airports	HazMat spills, above or below ground fuel storage.	HazMat response; escape from control towers; confined space entry.
Automotive Manufacturing	On-site paint and hazardous chemical storage; magnesium and chrome plating operations.	HazMat response; confined space entry; rescue; escape.
Building Maintenance Contractors	Engineering and architectural firms with blue line machines, on-site chemical storage; AC systems that operate on ammonia.	Rescue/escape; HazMat response; confined space entry.
Cemeteries	Oxygen deficiency; formaldehyde exposure.	Crypt entry.
Colleges	Chemical spills in laboratories.	Escape; rescue.
Department of Transportation	Potential exposure to a variety of hazardous materials.	Roadside cleanup of suspicious materials.
Electrical Generators Coal Gas Hydro Nuclear	Oxygen deficient atmospheres; contamination from radioactive particles; chemical splash.	HazMat response; confined space entry; security personnel for perimeter control.
Engineering and Architectural Firms	Blue line machines that operate on ammonia.	Escape/rescue.
Environmental Management Companies; HazMat Remediation Contractors	Toxic or oxygen deficient atmospheres.	Preliminary investigation and testing of HazMat spill sites or Superfund sites; HazMat response; confined space entry; drug lab clean-out; tank cleaning/removal; etc.

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Fishing Fleets	On-board refrigeration systems that operate on ammonia.	HazMat response; rescue ; escape.
Hospitals, Mental Institutions	Ethylene oxide used for sterilization; on-site storage of liquid oxygen and nitrogen; biomedical waste; AC systems that operate on ammonia.	HazMat response; escape/rescue from laboratories; confined space entry.
Insurance Companies	Oxygen deficiency.	Escape/rescue.
Large Manufacturing Companies in General	Oxygen deficiency; variety of hazardous chemical exposures.	Response teams (HazMat, medical, rescue); maintenance operations; confined space entry; security personnel for perimeter security/investigation.
Leather Tanning	Chemical splash; exposure to tanning procedures that generate hydrogen sulfide gas.	HazMat response; confined space entry; rescue ; escape.
Metal Stamping/Plating Companies	Hazardous chemicals and heavy metal used in plating operations; acid solutions used to electro-polish metal parts.	HazMat response; confined space entry; rescue ; escape.
Military	Unlimited.	Unlimited.
Morgues	Biomedical contamination; formaldehyde exposure; noxious odors.	Corpse recovery; autopsies.
Natural Gas Distribution Companies	Leaking gas meters or lines and/or oxygen deficient atmospheres.	Repair of broken meters and pipelines; used during trenching operations; confined space entry, and by supervisors doing inspections.

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Nuclear Accelerations	Superconductors cooled by liquid helium; oxygen deficiency.	Escape; rescue.
Paper Mills	Chemical splash; toxic or oxygen deficient atmospheres; on-site chemical storage.	HazMat response; confined space entry; rescue ; escape.
Parks and Recreation	Chlorine leaks at swimming pools.	HazMat response.
Petrochemical Refineries Chemical Plants Offshore Drilling Production Platforms Land Rigs Tank Farms Pipeline Companies	Oxygen deficient atmospheres; chemical splash.	HazMat response; EMT's; confined space entry; tank/reactor cleaning and maintenance; security personnel for perimeter control; safety personnel doing inspections maintenance, emergency response teams.
Pharmaceutical/Medical Products Manufacturing	Chemical splash; ethylene oxide for sterilization; on-site chemical storage; exposure to manufactured drugs.	HazMat response; rescue/escape; tank cleaning/maintenance; confined space entry.
Prisons/Jails Federal State County Municipal	Tear gas.	HazMat response; riot response, confined space entry. (When a new prison/jail is built, they are usually well-stocked with SCBA's – quantity depends on the size of the facility.)

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Refrigerator/Freezer Systems (Companies that use) Food Distribution Warehouses Milk Production Cheese Manufacturing Ice Cream Frozen Food Manufacturing Breweries Bottling Plants (Coke, Pepsi, 7-Up, etc.) Frozen Juice Manufacturing Canneries Cold Storage Ice Plants Meat Packing Grocery Stores Ice Skating Rinks Hockey Rinks	Cooling systems operated on liquid ammonia; chlorine used for sanitizing; Carbon dioxide for carbonation; miscellaneous chemicals used in the manufacturing process; toxic and/or oxygen deficient atmospheres.	HazMat response; confined space entry; tank cleaning/maintenance.
Sewer Departments	Toxic or oxygen deficient atmospheres.	Confined space entry for inspections, or when clearing clogged sewer lines.
State Police	Toxic, or oxygen deficient atmospheres.	Perimeter control at HazMat spill sites; first response emergency rescue; preliminary investigation at suspicious sites; drug lab clean-out; riot response.
State OSHA/EPA Agencies	Toxic and oxygen deficient atmospheres; potential unplanned exposure to a variety of unknown chemical substances.	Compliance officers making inspections.
TV Stations	Toxic or oxygen deficient atmospheres.	Reporters doing news reports from HazMat spill sites.
Textile Dyeing Operations	Oxygen deficiency; high heat.	Dyeing drums can be confined spaces that require entry for cleaning and maintenance.
Water Treatment and Waste Water Plants	Chlorine leaks.	HazMat response; confined space entry/rescue.