

Emergency Breathing Equipment

Essex™ Industries is a leading manufacturer and provider of FAA, CAA, CAAC and ANAC approved, and mandated emergency portable breathing and rescue life support systems. Our patented technology has proven over years of use during emergencies in applications worldwide. Our protective breathing devices are used by security professionals for the government, CEO's, flight attendants and individuals.



Protective Breathing Equipment (PBE)

Provides crewmembers with ocular, head, and respiratory protection during emergency conditions in an aircraft at cabin altitudes. Supplies oxygen to the crewmember through the use of compressed aviator's grade oxygen. Fast donning, easy to use, small, and lightweight. Currently, the PBE is used by approximately 90% of the US Commercial Airline Industry.



Self-Contained Unit (SCU)

A lightweight self-contained, portable, protective breathing device designed to safeguard the wearer (passenger or crewmember) from the effects of decompression, smoke, carbon dioxide, harmful gases, and oxygen deficiency while managing or escaping an in-flight emergency. Provides up to 60 minutes of respiratory protection.



Emergency Passenger Oxygen System (EPOS)

A self-contained protective breathing device for trained individuals in military aircraft emergencies such as decompressions, fire, evacuation, rescue, smoke-filled cabins, toxic fumes, and hazardous cargo spills. Furnishes 5 minutes of protection under heavy workloads and up to 60 minutes for someone at rest.



PLUS 15® Escape Respirator

A single-use, air-purifying escape respirator that will provide up to 15 minutes of protection from the effects of smoke, particulates, and toxic gases commonly found in smoke and fire situations. The Plus 15® is lightweight, portable, easy to use, and one size fits most adults.