

CBRN RESPONSE



GLSI have developed a range of emergency response kits which can be rapidly deployed. GLSI provide a specialist solution service and have the ability to tailor the requirement to suit the operational context.

Responding to a CBRN incident whether intended, natural or accidental requires a range of personnel protective equipment (PPE) designed to protect a person from hazards they may encounter. Each kit is custom made to meet the desired protective measures and a full assessment is carried out to identify the correct kit needed.

Our range of rapid response kits also includes everything from tents, lighting to sampling equipment. We have the ability to deliver a full CBRN response including all equipment that is required for a specific project.

**DECONTAMINATION
EQUIPMENT**

**SPECIALIST
CBRN CLOTHING**

**HIGH PRESSURE
WATER SYSTEMS**

**PERSONAL
PROTECTIVE
EQUIPMENT**

**CBRN
SCENE CONTROL**

CBRN EQUIPMENT PROVISION



At **GLSI** we offer 4 levels of protection (A, B, C, D) in line with the US classification system developed by Occupational Safety and Health Administration (OSHA). The 4 levels are designed to protect the 3 target zones of an individual who is exposed to a variety of hazards at a CBRN incident. All our products meet specific EN standards.

Level A - To be selected when the greatest level of skin, respiratory and eye protection is required.

Type A is a gas tight response which is certified to EN 943-2:2002 / EN14126:2003. This response protects against liquid and gas chemicals, aerosols and solid particulates. This is the highest level of protection available from the GLSI range. This is suitable for CBRN inspection at a major incident response. The kit provides a positive pressure self-contained breathing apparatus system internal to the suit.



Each kit is prepared ready to deploy with all components inspected, tested and certified. The kit is housed in a rugged case which is available for rapid deployment.



Level B - The highest level of respiratory protection is necessary, but a lesser level of skin protection is needed.

Type B is a non-gas tight response which meets EN 943-1. This retains positive pressure to prevent ingress of dusts, liquids and vapours. It offers a powered air purifying respirator (PAPR). This package is designed for airborne pathogens. The PAPR provides a greater level of respiratory protection. They do not require fit testing and provide a more comfortable working solution for an extended period of time. The suit fabric offers a barrier to hazardous liquids and particulates and infective agents.

Level C - The concentration(s) and type(s) of airborne substance(s) is known and the criteria for using air purifying respirators are met.

Type C is designed to suit when the atmospheric contaminants, liquid splashes, or other direct contact will not adversely affect or be absorbed through any exposed skin. The types of air contaminants have been identified, concentrations measured, and an air-purifying respirator is available that can remove the contaminants; and meets the standards required.

Level D – A work uniform affording minimal protection: used for nuisance contamination only.

Type D is designed to suit when the atmospheric contains no known hazard. This level provides chemical protection but where no immediate threat is identified after thorough assessment.

Contact our technical sales team to discuss your exact requirements to build the equipment provision tailored to your operational needs.