

CBRN Decontamination & Collective Protection

CAPABILITY SHEET - CBRN DECON + COLLECTIVE PROTECTION - ENGINEERED TO ORDER

THE SYSTEM

WHAT	Two defences against one CBRN threat: decontamination that washes contamination off people, vehicles and kit, and collective protection that keeps it out of a shelter.
OUR ROLE	Neometrix builds the decon apparatus and the collective-protection filtration/over-pressure system; the filter media, detectors and agents are bought-in.
STATUS	Engineered to order; sized to the threat, throughput and platform. No specific delivered system is claimed on this sheet.

DECONTAMINATION

PROCESS	Pre-wash to remove the gross contamination, a dosed decon agent to neutralise, a dwell for contact time, then a hot-water rinse and monitoring to a clean result.
HEAT + AGENT	A hot-water or steam heater, pumps, agent dosing, tanks, hose reels and spray lances on a skid or trailer - a field fluid system.
FORMS	Personnel showers and lines; higher-flow lances and arches for vehicles, equipment, aircraft and terrain; man-portable, skid or trailer.

COLLECTIVE PROTECTION

FILTER	A particulate pre-filter, then an NBC filter of HEPA media plus impregnated activated carbon - removing both particulate and gaseous contamination.
OVER-PRESSURE	An over-pressure fan holds the shelter at positive pressure so every leak flows outward, keeping contaminated air from getting in.
AIRLOCK	An airlock or protective entrance lets people enter, leave and decontaminate without ever opening a path from outside to the clean space.

DISTINCT & HONEST

DEFENSIVE	Protective equipment against CBRN contamination - it cleans it off and keeps it out; not a weapon. Threats named only as the contamination defended against.
OUR FRANCHISE	Collective protection is the CBRN-hardened side of our field shelter + gas/air handling; decontamination is our fluid-systems and skid work.
ENGAGEMENT	Send the threat, the throughput and the platform to sales@neometrixgroup.com for a clause-by-clause compliance matrix in two working days.

DEFENCE PROGRAMMES DESK

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