



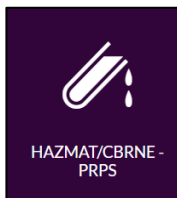
National Ambulance
Resilience Unit
NARU

HART

HazMat & CBRNe

(Hazardous Materials & Chemical, Biological, Radiological & Nuclear / explosives)

Core capability:




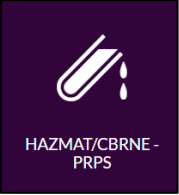


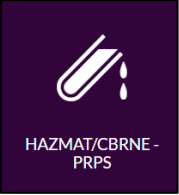


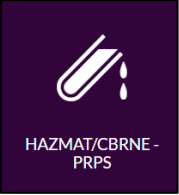


To place a specially trained and equipped NHS Paramedic alongside a patient in the hazardous environment created by the deliberate or accidental release of chemicals or toxic substances; or patients suspected to be or suffering from high consequence infectious disease.


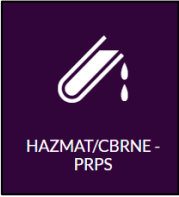


To effect patient clinical assessment and life-saving interventions in a hazardous area, where normal ambulance operations cannot safely or effectively respond.


Activities included:

A comprehensive list of specific activities can be found in the SOP and TISs

- ✓ Specialist, inner cordon response to CBRN(e)
- ✓ Working inside the inner cordon
- ✓ Industrial accidents
- ✓ High consequence infectious diseases
- ✓ Complex transportation accidents

<p>Activities NOT included:</p> 	<ul style="list-style-type: none"> X Use of BA in uncontrolled sectors (e.g. areas of active fire or where active firefighting is taking place) X Use of BA in smoke logged sectors unless cleared by the lead agency X Diving or water activities X No use of compressed air-line breathing apparatus (air-line operations in confined space) <p><i>*BA includes EDBA (Extended Duration Breathing Apparatus)</i></p>						
<p>Training requirements:</p>	<p>Refer to the Training Information Sheet(s) for the mandatory minimum requirements:</p> <ul style="list-style-type: none"> • TIS NH02 • TIS NH03 • TIS NH04 • TIS NH05 						
<p>Minimum staff required for interoperable deployment:</p> <p><i>*This does not define the number of staff contractually required to be trained/competent; but sets the minimum required to declare the ability to deploy nationally (as reported in Proclus).</i></p>	<table border="1"> <tr> <td data-bbox="418 929 632 1283">  </td> <td data-bbox="632 929 1402 1283"> <p>PRPS (Powered Respirator Protective Suit)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="background-color: #008000; color: white; padding: 5px 10px; border: 1px solid black;">1</div> <div style="background-color: #008000; color: white; padding: 5px 10px; border: 1px solid black;">2</div> <div style="background-color: #008000; color: white; padding: 5px 10px; border: 1px solid black;">3</div> <div style="background-color: #008000; color: white; padding: 5px 10px; border: 1px solid black;">4</div> <div style="background-color: #008000; color: white; padding: 5px 10px; border: 1px solid black;">5</div> <div style="background-color: #008000; 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		Comms - Radio Airwave Hand Portable Intrinsically Safe (red)	00089	
		Light - Torch Incident Ground	00122	
		Unit EDBA Ensemble	Breathing Apparatus Draeger PSS100	00154
			Breathing Apparatus Draeger PSS7000	00155
		Cutters Wire BA	00157	
		<i>As required:</i>		
		Gas Tight Chemical Protective Suit (GTCPS) Live	00051	
		Optics – Thermal Imaging	00079	
		Activity specific support equipment:	EDS:	
		Entry Control System BA Telemetry Draeger (Merlin)	00016	
		Tabbard - Command	00116	
		IGT - Belt Remote Monitoring Physiological	00133	
		IGT - Camera Body Worn	00134	
		<i>Training and base equipment:</i>		
		Compressor Breathing Air Bauer	00021	
	Gas Tight Chemical Protective Suit (GTCPS) Training	00148		
		PPE:	EDS:	
		Mask FFP3	00077	
		HCID - Coveralls	00160	
		HCID – Honeywell bionic face shield	00161	
		HCID - Apron	00162	
		HCID – Outer gauntlet style gloves	00163	
		HCID – Wellington boots	00164	
		Activity specific support equipment:	EDS:	
		Entry Control System	00044	
		Sheet Ground/salvage	00098	
		Tabbard - Command	00116	
TBC – Sharps bin (x litre)		TBC		
<i>Training and base equipment:</i>				
Portacount	00158			
	EDS:			
DIM enhancement to supplement above PPE as required:	DIM - EPD Electronic Personal Dosimeter	00033		
	DIM - Gas Monitor Portable Zellwegger / Impact Pro	00034		
	DIM - GfG Multi Gas Detector	00035		
	DIM - Ram Gene	00036		
Command and Control support equipment:		EDS:		
	Optics - Binoculars	00008		
	Camera - Digital	00019		
	CCTV – Body worn	00020		
	Whiteboard – A3 & Dry marker	00149		
	Comms - Headset / Ear accessory Airwave Radio	00062		
Loud Hailer	00075			

	Comms - Radio Airwave Hand Portable Intrinsically Safe (red)	00089
	Comms - Radio Airwave Hand Portable set	00090
	Cordon tape	00118
	Optics - Rangefinder STC	00091- STC
	IGT - Comms - Back up voice units	00132
	IGT - Camera - Static deployable	00135
	IGT - Data Mesh 3G/4G Sat kit	00136
	IGT - Drone (inc Camera)	00137
	IGT - Comms - Earpiece Radio Airwave	00138
	IGT - Generator – Portable	00139
	IGT - Comms - Earpiece - Headset Radio Airwave	00140
	IGT - Printer – Portable	00141
	IGT - Comms - Radio Airwave Hand Portable Intrinsically Safe	00142
	IGT - SatCom – Portable	00143
	IGT - Screen Portable Briefing	00144
	IGT - Tablet Monitoring TL/ECO	00145
	<i>Extended deployment support equipment:</i>	
	Bag - Overnight (sleeping bag, rations etc)	00004
Enhancement for night/low visibility operations:		EDS:
	Light – Chemical light sticks (glow sticks)	00057
	Light – Scene Peli 9440	00074
	Light - Torch Search (handheld)	00123
	Light – Eflare (led Safety Strobe)	00152
	Light - Waysafe	00153
	Optics – Night vision STC	00078 - STC
Enhancement to casualty care: <i>In addition to locally provided clinical equipment</i>		EDS:
	Blanket thermal	00009
	Body bag - general	00011
	Body bag - CBRN	00012
	Case – Air/water tight (for drugs/clinical kit)	00027
	Detector Carbon Monoxide Patient Rad57	00032
	Forward Cube CBRN Red	00048
	Forward Cube Mass Casualty Green	00049
	Forward Recon bag & equipment	00050
	Oxygen Delivery System Frontline Mass (backpack)	00080
	Rescue Pack Light	00095
	Stretcher - Sheet carry – with handles	00097
	Sheet Ground/salvage	00098
	Shelter (quick erect) for casualty evac point	00099
	Stretcher - Basket	00105
	Stretcher - Drag	00106
	Stretcher – Faretech Wheeled	00107
	Stretcher - MIBS	00108
	Stretcher - MIBS bariatric	00109
	Triage pack	00126
Stretcher - Insert Spinal MIBS	00146	

Version control:	DRAFT Capability Matrix Version 8.5 Revised February 2018
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