					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
ATTACHMENT 2- sheet 2		**Manufacturer**	**Part number**	**Brief Description**	**Meets NIOSH Chemical, Biological, Radiological and Nuclear (CBRN) Standard for Open-Circuit Self-Contained Breathing Apparatus (December 2001).**	**Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Full Face piece Air Purifying Respirator (APR).**	**Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Air-Purifying Escape Respirator and CBRN Self-Contained Escape Respirator.**	**Meets NFPA 1951, Standard on Protective Ensemble for USAR Operations.**	**Meets NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services.**	**Meets NFPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies.**	**Meets NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents.**	**Meets NFPA 1999, Standard on Protective Clothing for Emergency Medical Operations.**		**Meets ANSI N42.32: Performance Criteria for Alarming Personal Radiation Detectors.**	**Meets ANSI N42.33: Radiation Detection Instrumentation**	**Meets ANSI N42.34: Performance Criteria for Hand-Held Instruments for the Detection and Identification of Radionuclides.**	**Meets ANSI N42.35: Evaluation and Performance of Radiation Detection Portal Monitors**	**Meets NIOSH 42CFR94**	**Level A**	**Level B**	**Level C**	**Level D**
1. Personal Protective Equipment- Equipment worn to protect the individual from hazardous materials and contamination. Levels of protection vary and are divided into categories based on the degree of protection afforded. The following constitutes equipment intended for use in a chemical/biological threat environment:																						
		3M™	3MFR57N10	3M™ Breathe Easy™ Butyl Rubber Hood Powered Air Purifying Respirator (PAPR)														x				
		3M™	3MFR40L68	3M™ RRPAS™ Rapid Response Powered Air Purifying Respirator System FR-40L68,														x				
		3M™	3MFR40L69	3M™ RRPAS™ Rapid Response Powered Air Purifying Respirator System FR-40L69,														x				
		3M™	3MFR40N68	3M™ RRPAS™ Rapid Response Powered Air Purifying Respirator System FR-40N68,														x				
		3M™	3MFR40N69	3M™ RRPAS™ Rapid Response Powered Air Purifying Respirator System FR-40N69,														x				
		3M™	3MFR57L68	3M™ RRPAS™ Rapid Response Powered Air Purifying Respirator System FR-57L68, with Lithium Battery,														x				
		3M™	3MFR57L69	3M™ RRPAS™ Rapid Response Powered Air Purifying Respirator System FR-57L69, with Lithium Battery,														x				
		3M™	3MFR57N68	3M™ RRPAS™ Rapid Response Powered Air Purifying Respirator System FR-57N68,														x				
		3M™	3MFR57N69	3M™ RRPAS™ Rapid Response Powered Air Purifying Respirator System FR-57N69,														x				
		3M™	3M4530302R06	Cartridge FR-57 6 each/case														x				
		3M™	3M453030R06	Canister FR-40 6 canister/case														x				
		3M™	3M4500211R06	Canister CPN3N 6each/case														x				
		3M™	3M4600106	Canister C2A1 NBC, non-NIOSH approved														x				
		3M™	3MFR15CBRN	Canister FR-15CBRN 4canister/case		x												x				
		3M™	3MFR64	Cartridge FR- 64 4each/case														x				
		3M™	3MFRC2A1	Cartridge FR-C2A1 1 cartridge/case														x				
		3M™	3MEHCBRTR	Training Hoods 4 each/case														x				
		3M™	3MFRM4010	Full Facepiece Respirator,Small, 1 Respirator/case														x				
		3M™	3MFRM4020	Full Facepiece Respirator,Medium, 1 Respirator/case														x				
		3M™	3MFRM4030	Full Facepiece Respirator,Large, 1 Respirator/case														x				
		3M™	3MFRM40B10	Full Facepiece CBRN ASSEMBLY,Small, 1 Respirator/case		x												x				
		3M™	3MFRM40B20	Full Facepiece CBRN ASSEMBLY,Medium, 1 Respirator/case		x												x				
		3M™	3MFRM40B30	Full Facepiece CBRN ASSEMBLY,Large, 1 Respirator/case		x												x				
		3M™	3MFRM401	Eyepiece Outsert,Clear 1pair/case														x				
		3M™	3MFRM402	Eyepiece Outsert,Gray 1pair/case														x				
		3M™	3MFRM403	Quick Doff Hood 1 hood/case														x				
		3M™	3MFRM404	Spectacle Kit 1 kit/case														x				
		3M™	3MFRM405	Universal Second Skin,Small,Butyl Rubber 1piece/case														x				
		3M™	3MFRM406	Universal Second Skin,Medium/Large,Butyl Rubber 1piece/case														x				
		3M™	3MFRM40101	Head Harness 1 harness/case														x				
		3M™	3MFRM40102	Inhalation valve kit(inhalation valve disk,valve seat) 5 kits/case														x				
		3M™	3MFRM40103	Nosecup Valve Disk														x				
		3M™	3MFRM40104	Exhalation Valve Cover 1cover/case														x				
		3M™	3MFRM40106	Internal Drink Tube														x				
		3M™	3MFRM40107	Side Voicemitter Kit (side voicemitter,sidevoicemitter gasket)														x				
		3M™	3MFRM40108	D-Ring Voicemitter Removal Tool 2 piece/case														x				
		3M™	3MFRM40109	External Drinking Tube Quick Disconnect Coupling 2 couplings/case														x				
		3M™	3MFRM40110	Omega Gas Mask Pouch 1pouch/bag, 32 bags/case														x				
		AERO	AO5910000000	Ecape Hood CB Plus																		
		AERO	AO5920000000	Gas Mask, Small																		
		AERO	AO5920100000	Gas Mask, Medium																		
		AERO	AO5920200000	Gas Mask, Large																		
		AERO	AO5923000000	Gas Mask CB Canister																		
		AERO	AO5921200000	Gas Mask CB Maintenance Kit (includes 3 inhalation valves,2 exhalation valves,2 o-rings,1 nose cup inhalation																		
		AERO	AO5921300000	Gas Mask CB Head Harness																		
		AERO	AO5921500000	Gas Mask CB carry /storage case																		
		AERO	AO5921600000	Gas Mask CB Speech capsule																		

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		AERO	AO5921700000	Gas Mask CB Spectacle Kit																		
		AERO	AO5921900000	Gas Mask CB Bottle Cap & Bottle for Drinking Tube																		
		Survivar	SV169000	CBRN Canister		x																
		Survivar	SV759020	CBRN Mask w/ drink tube Opti-Fit Small		x																
		Survivar	SV769020	CBRN Mask w/ drink tube Opti-Fit Medium		x																
		Survivar	SV779020	CBRN Mask w/ drink tube Opti-Fit Large		x																
		Survivar	SV962260	Spectacle Kit																		
		Survivar	SV763076	Gas Mask Carry Bag																		
		Survivar	SV702031	Neck strap																		
		Survivar	SV702028	Clear Peel-away Lens Cover Qty 25																		
		Stanco	SIFR685M	Coverall Flame Resistant 9 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																		
		Stanco	SIFR685L	Coverall Flame Resistant 9 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																		
		Stanco	SIFR685XL	Coverall Flame Resistant 9 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																		
		Stanco	SIFR685XXL	Coverall Flame Resistant 9 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																		
		Stanco	SIFR685XXXL	Coverall Flame Resistant 9 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																		
		Stanco	SIFR685XXXXL	Coverall Flame Resistant 9 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																		
		Stanco	SINBFR681VCM	Coverall Flame Resistant Navy Blue 9 oz cotton fabric Velcro front closure,2 front & rear pockets w/ pass thru breast pocket & elasticized waistband																		
		Stanco	SINBFR681VCL	Coverall Flame Resistant Navy Blue 9 oz cotton fabric Velcro front closure,2 front & rear pockets w/ pass thru breast pocket & elasticized waistband																		
		Stanco	SINBFR681VCS	Coverall Flame Resistant Navy Blue 9 oz cotton fabric Velcro front closure,2 front & rear pockets w/ pass thru breast pocket & elasticized waistband																		
		Stanco	SINBFR681VCXL	Coverall Flame Resistant Navy Blue 9 oz cotton fabric Velcro front closure,2 front & rear pockets w/ pass thru breast pocket & elasticized waistband																		
		Stanco	SINBFR681VCXXL	Coverall Flame Resistant Navy Blue 9 oz cotton fabric Velcro front closure,2 front & rear pockets w/ pass thru breast pocket & elasticized waistband																		
		Stanco	SINBFR681VCXXXL	Coverall Flame Resistant Navy Blue 9 oz cotton fabric Velcro front closure,2 front & rear pockets w/ pass thru breast pocket & elasticized waistband																		
		Stanco	SINBFR681VCXXXXL	Coverall Flame Resistant Navy Blue 9 oz cotton fabric Velcro front closure,2 front & rear pockets w/ pass thru breast pocket & elasticized waistband																		
		Stanco	SINBFR681VCXXXXXL	Coverall Flame Resistant Navy Blue 9 oz cotton fabric Velcro front closure,2 front & rear pockets w/ pass thru breast pocket & elasticized waistband																		
		Stanco	SINX4681NBM	Coverall Flame Resistant Navy Blue 4.5 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																		
		Stanco	SINX4681NBL	Coverall Flame Resistant Navy Blue 4.5 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																		
		Stanco	SINX4681NBXL	Coverall Flame Resistant Navy Blue 4.5 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																		

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		Stanco	SINX4681NBXXL	Coverall Flame Resistant Navy Blue 4.5 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																	
		Stanco	SINX4681NBXXXL	Coverall Flame Resistant Navy Blue 4.5 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																	
		Stanco	SINX4681NBXXXXL	Coverall Flame Resistant Navy Blue 4.5 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																	
		Stanco	SINX6681NBM	Coverall Flame Resistant Navy Blue 6 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																	
		Stanco	SINX6681NBL	Coverall Flame Resistant Navy Blue 6 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																	
		Stanco	SINX6681NBXL	Coverall Flame Resistant Navy Blue 6 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																	
		Stanco	SINX6681NBXXL	Coverall Flame Resistant Navy Blue 6 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																	
		Stanco	SINX6681NBXXXL	Coverall Flame Resistant Navy Blue 6 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																	
		Stanco	SINX6681NBXXXXL	Coverall Flame Resistant Navy Blue 6 oz cotton sateen fabric, Zipper front closure,2 front & rear pockets w/pass thr breast pocket & elasticized waistband																	
		Dupont	KAPO122SYS	Coverall Polycoat hood & boot with Elastic wrist																x	x
		Dupont	KAPO122SYM	Coverall Polycoat hood & boot with Elastic wrist																x	x
		Dupont	KAPO122SYL	Coverall Polycoat hood & boot with Elastic wrist																x	x
		Dupont	KAPO122SYXL	Coverall Polycoat hood & boot with Elastic wrist																x	x
		Dupont	KAPO122SYXXL	Coverall Polycoat hood & boot with Elastic wrist																x	x
		Dupont	KAPO122SYXXXL	Coverall Polycoat hood & boot with Elastic wrist																x	x
		Dupont	KAPO125SYLS	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles																x	x
		Dupont	KAPO125SYLM	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles																x	x
		Dupont	KAPO125SYLL	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles																x	x
		Dupont	KAPO125SYLXL	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles																x	x
		Dupont	KAPO125SYLXXL	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles																x	x
		Dupont	KAPO125SYLXXXL	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles																x	x
		Dupont	KAPO127NS	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles, welded seams																x	x
		Dupont	KAPO127NM	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles, welded seams																x	x
		Dupont	KAPO127NL	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles, welded seams																x	x
		Dupont	KAPO127NXL	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles, welded seams																x	x
		Dupont	KAPO127NXXL	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles, welded seams																x	x
		Dupont	KAPO127NXXXL	Coverall Polycoat w/o hood & boot with Elastic wrist & ankles, welded seams																x	x
		Dupont	KABR550TS	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Front Entry															x			
		Dupont	KABR550TM	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Front Entry															x			
		Dupont	KABR550TL	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Front Entry															x			

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		Dupont	KABR550TXL	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Front Entry															x			
		Dupont	KABR550TXXL	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Front Entry															x			
		Dupont	KABR550TXXXL	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Front Entry															x			
		Dupont	KABR550TXXXXL	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Front Entry															x			
		Dupont	KABR551TS	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Rear Entry															x			
		Dupont	KABR551TM	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Rear Entry															x			
		Dupont	KABR551TL	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Rear Entry															x			
		Dupont	KABR551TXL	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Rear Entry															x			
		Dupont	KABR551TXXL	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Rear Entry															x			
		Dupont	KABR551TXXXL	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Rear Entry															x			
		Dupont	KABR551TXXXX	Coverall Tychem®BR-Fully Encaplsuliting Level A ,Taped Seam, Butyl Dual Glove System,Rear Entry															x			
		Dupont	KARS562TS	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Front Entry															x			
		Dupont	KARS562TM	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Front Entry															x			
		Dupont	KARS562TL	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Front Entry															x			
		Dupont	KARS562TXL	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Front Entry															x			
		Dupont	KARS562TXXL	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Front Entry															x			
		Dupont	KARS562TXXXL	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Front Entry															x			
		Dupont	KARS563TS	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Rear Entry															x			
		Dupont	KARS563TM	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Rear Entry															x			
		Dupont	KARS563TL	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Rear Entry															x			
		Dupont	KARS563TXL	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Rear Entry															x			
		Dupont	KARS563TXXL	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Rear Entry															x			
		Dupont	KARS563TXXXL	Coverall Tychem® Responder® Fully Encapsulating Level A , HazMat, Double Seam,Rear Entry															x			
		Dupont	KATK550TS	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Front Entry															x			
		Dupont	KATK550M	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Front Entry															x			
		Dupont	KATK550TL	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Front Entry															x			
		Dupont	KATK550TXL	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Front Entry															x			

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		Dupont	KATK550TXXL	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Front Entry															x			
		Dupont	KATK550TXXXL	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Front Entry															x			
		Dupont	KATK550TXXXXL	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Front Entry															x			
		Dupont	KATK551TS	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Rear Entry															x			
		Dupont	KATK551TM	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Rear Entry															x			
		Dupont	KATK551TL	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Rear Entry															x			
		Dupont	KATK551TXL	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Rear Entry															x			
		Dupont	KATK551TXXL	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Rear Entry															x			
		Dupont	KATK551TXXXL	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Rear Entry															x			
		Dupont	KATK551TXXXXL	Coverall Tychem® TK Fully Encapsulating Level A , Taped Seam, Butyl Dual Glove System, Rear Entry															x			
		Dupont	KARC550TS	Coverall Tychem Responder CSM Fully Encapsulating Level A															x			
		Dupont	KARC550TM	Coverall Tychem Responder CSM Fully Encapsulating Level A															x			
		Dupont	KARC550TL	Coverall Tychem Responder CSM Fully Encapsulating Level A															x			
		Dupont	KARC550TXL	Coverall Tychem Responder CSM Fully Encapsulating Level A															x			
		Dupont	KARC550TXXL	Coverall Tychem Responder CSM Fully Encapsulating Level A															x			
		Dupont	KARC550TXXXL	Coverall Tychem Responder CSM Fully Encapsulating Level A															x			
		Dupont	KARF600TS	Coverall Tychem NFPA 1991-2000 Edition Certified Garments Tychem® Reflector® single skin Level A Front Entry						x									x			
		Dupont	KARF600TM	Coverall Tychem NFPA 1991-2000 Edition Certified Garments Tychem® Reflector® single skin Level A Front Entry						x									x			
		Dupont	KARF600TL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments Tychem® Reflector® single skin Level A Front Entry						x									x			
		Dupont	KARF600TXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments Tychem® Reflector® single skin Level A Front Entry						x									x			
		Dupont	KARF600TXXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments Tychem® Reflector® single skin Level A Front Entry						x									x			
		Dupont	KARF600TXXXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments Tychem® Reflector® single skin Level A Front Entry						x									x			
		Dupont	KARS600TS	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem®Responder®inner suit						x									x			
		Dupont	KARS600TM	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem®Responder®inner suit						x									x			
		Dupont	KARS600TL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem®Responder®inner suit						x									x			
		Dupont	KARS600TXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem®Responder®inner suit						x									x			
		Dupont	KARS600TXXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem®Responder®inner suit						x									x			

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
ATTACHMENT 2- sheet 2		**Manufacturer**	**Part number**	**Brief Description**	**Meets NIOSH Chemical, Biological, Radiological and Nuclear (CBRN) Standard for Open-Circuit Self-Contained Breathing Apparatus (December 2001).**	**Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Full Face piece Air Purifying Respirator (APR).**	**Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Air-Purifying Escape Respirator and CBRN Self-Contained Escape Respirator.**	**Meets NFPA 1951, Standard on Protective Ensemble for USAR Operations.**	**Meets NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services.**	**Meets NFPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies.**	**Meets NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents.**	**Meets NFPA 1999, Standard on Protective Clothing for Emergency Medical Operations.**		**Meets ANSI N42.32: Performance Criteria for Alarming Personal Radiation Detectors.**	**Meets ANSI N42.33: Radiation Detection Instrumentation**	**Meets ANSI N42.34: Performance Criteria for Hand-Held Instruments for the Detection and Identification of Radionuclides.**	**Meets ANSI N42.35: Evaluation and Performance of Radiation Detection Portal Monitors**	**Meets NIOSH 42CFR94**	**Level A**	**Level B**	**Level C**	**Level D**
		Dupont	KARS600TXXXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem®Responder®inner suit						x									x			
		Dupont	KARS601TS	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem®Responder®inner suit						x									x			
		Dupont	KARS601TM	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem®Responder®inner suit						x									x			
		Dupont	KARS601TL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem®Responder®inner suit						x									x			
		Dupont	KARS601TXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem®Responder®inner suit						x									x			
		Dupont	KARS601TXXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem®Responder®inner suit						x									x			
		Dupont	KARS601TXXXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem®Responder®inner suit						x									x			
		Dupont	KATK600TS	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem® TK EX inner suit						x									x			
		Dupont	KATK600TM	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem® TK EX inner suit						x									x			
		Dupont	KATK600TL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem® TK EX inner suit						x									x			
		Dupont	KATK600TXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem® TK EX inner suit						x									x			
		Dupont	KATK600TXXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem® TK EX inner suit						x									x			
		Dupont	KATK600TXXXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Front Entry Tychem® TK EX inner suit						x									x			
		Dupont	KATK601TS	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem® TK EX inner suit						x									x			
		Dupont	KATK601TM	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem® TK EX inner suit						x									x			
		Dupont	KATK601TL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem® TK EX inner suit						x									x			
		Dupont	KATK601TXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem® TK EX inner suit						x									x			
		Dupont	KATK601TXXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem® TK EX inner suit						x									x			
		Dupont	KATK601TXXXL	Coverall Tychem NFPA 1991-2000 Edition Certified Garments NFPA Level A ensemble Rear Entry Tychem® TK EX inner suit						x									x			
		Dupont	KARS612TS	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Front Entry						x									x			
		Dupont	KARS612TM	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Front Entry						x									x			
		Dupont	KARS612TL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Front Entry						x									x			
		Dupont	KARS612TXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Front Entry						x									x			
		Dupont	KARS612TXXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Front Entry						x									x			

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
ATTACHMENT 2- sheet 2		**Manufacturer**	**Part number**	**Brief Description**	**Meets NIOSH Chemical, Biological, Radiological and Nuclear (CBRN) Standard for Open-Circuit Self-Contained Breathing Apparatus (December 2001).**	**Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Full Face piece Air Purifying Respirator (APR).**	**Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Air-Purifying Escape Respirator and CBRN Self-Contained Escape Respirator.**	**Meets NFPA 1951, Standard on Protective Ensemble for USAR Operations.**	**Meets NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services.**	**Meets NFPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies.**	**Meets NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents.**	**Meets NFPA 1999, Standard on Protective Clothing for Emergency Medical Operations.**		**Meets ANSI N42.32: Performance Criteria for Alarming Personal Radiation Detectors.**	**Meets ANSI N42.33: Radiation Detection Instrumentation**	**Meets ANSI N42.34: Performance Criteria for Hand-Held Instruments for the Detection and Identification of Radionuclides.**	**Meets ANSI N42.35: Evaluation and Performance of Radiation Detection Portal Monitors**	**Meets NIOSH 42CFR94**	**Level A**	**Level B**	**Level C**	**Level D**
		Dupont	KARS612TXXXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Front Entry						x											
		Dupont	KARS613TS	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Rear Entry						x											
		Dupont	KARS613TM	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Rear Entry						x											
		Dupont	KARS613TL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Rear Entry						x											
		Dupont	KARS613TXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Rear Entry						x											
		Dupont	KARS613TXXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Rear Entry						x											
		Dupont	KARS613TXXXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem®Responder® NFPA Class 1 Rear Entry						x											
		Dupont	KATK612TS	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Front Entry						x											
		Dupont	KATK612TM	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Front Entry						x											
		Dupont	KATK612TL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Front Entry						x											
		Dupont	KATK612TXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Front Entry						x											
		Dupont	KATK612TXXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Front Entry						x											
		Dupont	KATK612TXXXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Front Entry						x											
		Dupont	KATK613TS	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Rear Entry						x											
		Dupont	KATK613TM	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Rear Entry						x											
		Dupont	KATK613TL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Rear Entry						x											
		Dupont	KATK613TXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Rear Entry						x											
		Dupont	KATK613TXXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Rear Entry						x											
		Dupont	KATK613TXXXL	Coverall Tychem NFPA 1994-2001 Edition Certified Garments Tychem® TK NFPA Class 1 Rear Entry						x											
		Lakeland	LI1412S	Coverall Tyvek with collar,zipper,set-in-sleeve																	x
		Lakeland	LI1412M	Coverall Tyvek with collar,zipper,set-in-sleeve																	x
		Lakeland	LI1412L	Coverall Tyvek with collar,zipper,set-in-sleeve																	x
		Lakeland	LI1412XL	Coverall Tyvek with collar,zipper,set-in-sleeve																	x
		Lakeland	LI1412XXL	Coverall Tyvek with collar,zipper,set-in-sleeve																	x
		Lakeland	LI1412XXXL	Coverall Tyvek with collar,zipper,set-in-sleeve																	x
		Lakeland	LI1412XXXXL	Coverall Tyvek with collar,zipper,set-in-sleeve																	x
		Lakeland	LI1414S	Coverall Tyvek hood,boot,elastic wrist set-in-sleeve																	x
		Lakeland	LI1414M	Coverall Tyvek hood,boot,elastic wrist set-in-sleeve																	x
		Lakeland	LI1414L	Coverall Tyvek hood,boot,elastic wrist set-in-sleeve																	x
		Lakeland	LI1414XL	Coverall Tyvek hood,boot,elastic wrist set-in-sleeve																	x

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
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		Lakeland	LI1414XXL	Coverall Tyvek hood,boot,elastic wrist set-in-sleeve																		x
		Lakeland	LI1414XXXL	Coverall Tyvek hood,boot,elastic wrist set-in-sleeve																		x
		Lakeland	LI1414XXXXL	Coverall Tyvek hood,boot,elastic wrist set-in-sleeve																		x
		Lakeland	LI1417S	Coverall Tyvek with collar,zipper,elastic wrist & ankles,set-in-sleeve																		x
		Lakeland	LI1417M	Coverall Tyvek with collar,zipper,elastic wrist & ankles,set-in-sleeve																		x
		Lakeland	LI1417L	Coverall Tyvek with collar,zipper,elastic wrist & ankles,set-in-sleeve																		x
		Lakeland	LI1417XL	Coverall Tyvek with collar,zipper,elastic wrist & ankles,set-in-sleeve																		x
		Lakeland	LI1417XXL	Coverall Tyvek with collar,zipper,elastic wrist & ankles,set-in-sleeve																		x
		Lakeland	LI1417XXXL	Coverall Tyvek with collar,zipper,elastic wrist & ankles,set-in-sleeve																		x
		Lakeland	LI1428S	Coverall Tyvek hood,zipper,elastic wrist & ankles set-in-sleeve																		xx
		Lakeland	LI1428M	Coverall Tyvek hood,zipper,elastic wrist & ankles set-in-sleeve																		x
		Lakeland	LI1428L	Coverall Tyvek hood,zipper,elastic wrist & ankles set-in-sleeve																		x
		Lakeland	LI1428XL	Coverall Tyvek hood,zipper,elastic wrist & ankles set-in-sleeve																		x
		Lakeland	LI1428XXL	Coverall Tyvek hood,zipper,elastic wrist & ankles set-in-sleeve																		x
		Lakeland	LI1428XXXL	Coverall Tyvek hood,zipper,elastic wrist & ankles set-in-sleeve																		x
		Lakeland	LI1428XXXXL	Coverall Tyvek hood,zipper,elastic wrist & ankles set-in-sleeve																		x
		Lakeland	LI850	Sleeve Tyvek elastic ends 18" length																		x
		Lakeland	LI901S	Shoe cover Tyvek , elastic ankles size XL																		
		Lakeland	LI901M	Shoe cover Tyvek , elastic ankles size XL																		
		Lakeland	LI901L	Shoe cover Tyvek , elastic ankles size XL																		
		Lakeland	LI901XL	Shoe cover Tyvek , elastic ankles size XL																		
		Lakeland	LI901XXL	Shoe cover Tyvek , elastic ankles size XXL																		
		Lakeland	LI901NSS	Shoe cover Tyvek ,elastic ankles, Non skid size XL																		
		Lakeland	LI901NSM	Shoe cover Tyvek ,elastic ankles, Non skid size XL																		
		Lakeland	LI901NSL	Shoe cover Tyvek ,elastic ankles, Non skid size XL																		
		Lakeland	LI901NSXL	Shoe cover Tyvek ,elastic ankles, Non skid size XL																		
		Lakeland	LI901NSXXL	Shoe cover Tyvek ,elastic ankles, Non skid size XXL																		
		Lakeland	LI903S	Boot cover elestic top 17"high size XL																		
		Lakeland	LI903M	Boot cover elestic top 17"high size XL																		
		Lakeland	LI903L	Boot cover elestic top 17"high size XL																		
		Lakeland	LI903XL	Boot cover elestic top 17"high size XL																		
		Lakeland	LI903XXL	Boot cover elestic top 17"high size XXL																		
		Lakeland	LI44414S	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,boot,elastic wrist. Bound Seam																	x	
		Lakeland	LI44414M	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,boot,elastic wrist. Bound Seam																	x	
		Lakeland	LI44414L	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,boot,elastic wrist. Bound Seam																	x	
		Lakeland	LI44414XL	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,boot,elastic wrist. Bound Seam																	x	
		Lakeland	LI44414XXL	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,boot,elastic wrist. Bound Seam																	x	
		Lakeland	LI44414XXXL	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,boot,elastic wrist. Bound Seam																	x	
		Lakeland	LI44414XXXXL	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,boot,elastic wrist. Bound Seam																	x	

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
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		Lakeland	LI44414XXXXXL	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,boot,elastic wrist. Bound Seam																x	
		Lakeland	LI44428S	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,elastic wrist & ankles. Bound Seam																x	
		Lakeland	LI44428M	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,elastic wrist & ankles. Bound Seam																x	
		Lakeland	LI44428L	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,elastic wrist & ankles. Bound Seam																x	
		Lakeland	LI44428XL	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,elastic wrist & ankles. Bound Seam																x	
		Lakeland	LI44428XXL	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,elastic wrist & ankles. Bound Seam																x	
		Lakeland	LI44428XXXL	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,elastic wrist & ankles. Bound Seam																x	
		Lakeland	LI44428XXXXL	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,elastic wrist & ankles. Bound Seam																x	
		Lakeland	LI44428XXXXXL	Coverall Tychem® SL Saranex 23P® zipper with storm flap,hood,elastic wrist & ankles. Bound Seam																x	
		Lakeland	LI5412S	Coverall Tychem® QC Polycoated with collar & zipper Serged Seam																x	
		Lakeland	LI5412M	Coverall Tychem® QC Polycoated with collar & zipper Serged Seam																x	
		Lakeland	LI5412L	Coverall Tychem® QC Polycoated with collar & zipper Serged Seam																x	
		Lakeland	LI5412XL	Coverall Tychem® QC Polycoated with collar & zipper Serged Seam																x	
		Lakeland	LI5412XXL	Coverall Tychem® QC Polycoated with collar & zipper Serged Seam																x	
		Lakeland	LI5412XXXL	Coverall Tychem® QC Polycoated with collar & zipper Serged Seam																x	
		Lakeland	LI5412XXXXL	Coverall Tychem® QC Polycoated with collar & zipper Serged Seam																x	
		Lakeland	LI5412XXXXXL	Coverall Tychem® QC Polycoated with collar & zipper Serged Seam																x	
		Lakeland	LI5414S	Coverall Tychem® QC Polycoated zipper,hood,boot & elastic wrist Serged Seam																x	
		Lakeland	LI5414M	Coverall Tychem® QC Polycoated zipper,hood,boot & elastic wrist Serged Seam																x	
		Lakeland	LI5414L	Coverall Tychem® QC Polycoated zipper,hood,boot & elastic wrist Serged Seam																x	
		Lakeland	LI5414XL	Coverall Tychem® QC Polycoated zipper,hood,boot & elastic wrist Serged Seam																x	
		Lakeland	LI5414XXL	Coverall Tychem® QC Polycoated zipper,hood,boot & elastic wrist Serged Seam																x	
		Lakeland	LI5414XXXL	Coverall Tychem® QC Polycoated zipper,hood,boot & elastic wrist Serged Seam																x	
		Lakeland	LI5414XXXXL	Coverall Tychem® QC Polycoated zipper,hood,boot & elastic wrist Serged Seam																x	
		Lakeland	LI5414XXXXXL	Coverall Tychem® QC Polycoated zipper,hood,boot & elastic wrist Serged Seam																x	
		Lakeland	LI5428S	Coverall Tychem® QC Polycoated zipper,hood, elastic wrist & ankles Serged Seam																x	
		Lakeland	LI5428M	Coverall Tychem® QC Polycoated zipper,hood, elastic wrist & ankles Serged Seam																x	
		Lakeland	LI5428L	Coverall Tychem® QC Polycoated zipper,hood, elastic wrist & ankles Serged Seam																x	
		Lakeland	LI5428XL	Coverall Tychem® QC Polycoated zipper,hood, elastic wrist & ankles Serged Seam																x	
		Lakeland	LI5428XXL	Coverall Tychem® QC Polycoated zipper,hood, elastic wrist & ankles Serged Seam																x	
		Lakeland	LI5428XXXL	Coverall Tychem® QC Polycoated zipper,hood, elastic wrist & ankles Serged Seam																x	
		Lakeland	LI5428XXXXL	Coverall Tychem® QC Polycoated zipper,hood, elastic wrist & ankles Serged Seam																x	

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
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		Lakeland	LI5428XXXXXL	Coverall Tychem® QC Polycoated zipper,hood, elastic wrist & ankles Serged Seam																x	
		Lakeland	LITK640S	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK640M	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK640L	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK640XL	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK640XXL	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK640XXXL	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK640XXXXL	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK640XXXXXL	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK650S	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK650M	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK650L	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK650XL	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK650XXL	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK650XXXL	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK650XXXXL	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK650XXXXXL	Coverall Tychem® TK Level A Deluxe, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK660S	Coverall Tychem® TK Level A Standard, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK660M	Coverall Tychem® TK Level A Standard, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK660L	Coverall Tychem® TK Level A Standard, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK660XL	Coverall Tychem® TK Level A Standard, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK660XXL	Coverall Tychem® TK Level A Standard, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK660XXXL	Coverall Tychem® TK Level A Standard, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK660XXXXL	Coverall Tychem® TK Level A Standard, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK660XXXXXL	Coverall Tychem® TK Level A Standard, Fully Encapsulated front enty vapor protective suit															x			
		Lakeland	LITK670S	Coverall Tychem® TK Level A Standard, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK670M	Coverall Tychem® TK Level A Standard, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK670L	Coverall Tychem® TK Level A Standard, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK670XL	Coverall Tychem® TK Level A Standard, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK670XXL	Coverall Tychem® TK Level A Standard, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK670XXXL	Coverall Tychem® TK Level A Standard, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK670XXXXL	Coverall Tychem® TK Level A Standard, Fully Encapsulated rear enty vapor protective suit															x			
		Lakeland	LITK670XXXXXL	Coverall Tychem® TK Level A Standard, Fully Encapsulated rear enty vapor protective suit															x			

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
ATTACHMENT 2- sheet 2		**Manufacturer**	**Part number**	**Brief Description**	**Meets NIOSH Chemical, Biological, Radiological and Nuclear (CBRN) Standard for Open-Circuit Self-Contained Breathing Apparatus (December 2001).**	**Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Full Face piece Air Purifying Respirator (APR).**	**Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Air-Purifying Escape Respirator and CBRN Self-Contained Escape Respirator.**	**Meets NFPA 1951, Standard on Protective Ensemble for USAR Operations.**	**Meets NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services.**	**Meets NFPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies.**	**Meets NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents.**	**Meets NFPA 1999, Standard on Protective Clothing for Emergency Medical Operations.**		**Meets ANSI N42.32: Performance Criteria for Alarming Personal Radiation Detectors.**	**Meets ANSI N42.33: Radiation Detection Instrumentation**	**Meets ANSI N42.34: Performance Criteria for Hand-Held Instruments for the Detection and Identification of Radionuclides.**	**Meets ANSI N42.35: Evaluation and Performance of Radiation Detection Portal Monitors**	**Meets NIOSH 42CFR94**	**Level A**	**Level B**	**Level C**	**Level D**
		Lakeland	LI60151S	Coverall Tychem® F Protection against Chemical & Biological Agents,zipper front attached respirator-fit-hood.storm flap,elastic face & wrist,attached boots															x		
		Lakeland	LI60151M	Coverall Tychem® F Protection against Chemical & Biological Agents,zipper front attached respirator-fit-hood.storm flap,elastic face & wrist,attached boots															x		
		Lakeland	LI60151L	Coverall Tychem® F Protection against Chemical & Biological Agents,zipper front attached respirator-fit-hood.storm flap,elastic face & wrist,attached boots															x		
		Lakeland	LI60151XL	Coverall Tychem® F Protection against Chemical & Biological Agents,zipper front attached respirator-fit-hood.storm flap,elastic face & wrist,attached boots															x		
		Lakeland	LI60151XXL	Coverall Tychem® F Protection against Chemical & Biological Agents,zipper front attached respirator-fit-hood.storm flap,elastic face & wrist,attached boots															x		
		Lakeland	LI60151XXXL	Coverall Tychem® F Protection against Chemical & Biological Agents,zipper front attached respirator-fit-hood.storm flap,elastic face & wrist,attached boots															x		
		Lakeland	LI60151XXXXL	Coverall Tychem® F Protection against Chemical & Biological Agents,zipper front attached respirator-fit-hood.storm flap,elastic face & wrist,attached boots															x		
		Lakeland	LI60151XXXXXL	Coverall Tychem® F Protection against Chemical & Biological Agents,zipper front attached respirator-fit-hood.storm flap,elastic face & wrist,attached boots															x		
		Seidman	SABN70	Hazmat Bootie Latex Yellow all sizes																	
		Seidman	SABSYE	Boot Slush all sizes																	
		Onguard	ON870126	Boot Hazmax® Kneeboot 16" with Ultragrip® Sipe Sole size:6						x											
		Onguard	ON870127	Boot Hazmax® Kneeboot 16" with Ultragrip® Sipe Sole size:7						x											
		Onguard	ON870128	Boot Hazmax® Kneeboot 16" with Ultragrip® Sipe Sole size:8						x											
		Onguard	ON870129	Boot Hazmax® Kneeboot 16" with Ultragrip® Sipe Sole size:9						x											
		Onguard	ON8701210	Boot Hazmax® Kneeboot 16" with Ultragrip® Sipe Sole size:10						x											
		Onguard	ON8701211	Boot Hazmax® Kneeboot 16" with Ultragrip® Sipe Sole size:11						x											
		Onguard	ON8701212	Boot Hazmax® Kneeboot 16" with Ultragrip® Sipe Sole size:12						x											
		Onguard	ON8701213	Boot Hazmax® Kneeboot 16" with Ultragrip® Sipe Sole size:13						x											
		Onguard	ON8701214	Boot Hazmax® Kneeboot 16" with Ultragrip® Sipe Sole size:14						x											
		Onguard	ON8701215	Boot Hazmax® Kneeboot 16" with Ultragrip® Sipe Sole size:15						x											
		Onguard	ON870507	Boot Hazmax® Strapper Overboot 17" with Self-Cleaning Cleated Sole size 7																	
		Onguard	ON870508	Boot Hazmax® Strapper Overboot 17" with Self-Cleaning Cleated Sole size 8																	
		Onguard	ON870509	Boot Hazmax® Strapper Overboot 17" with Self-Cleaning Cleated Sole size 9																	
		Onguard	ON8705010	Boot Hazmax® Strapper Overboot 17" with Self-Cleaning Cleated Sole size 10																	
		Onguard	ON8705011	Boot Hazmax® Strapper Overboot 17" with Self-Cleaning Cleated Sole size 11																	
		Onguard	ON8705012	Boot Hazmax® Strapper Overboot 17" with Self-Cleaning Cleated Sole size 12																	
		Onguard	ON8705013	Boot Hazmax® Strapper Overboot 17" with Self-Cleaning Cleated Sole size 13																	
		Onguard	ON8705014	Boot Hazmax® Strapper Overboot 17" with Self-Cleaning Cleated Sole size 14																	
		Onguard	ON8705015	Boot Hazmax® Strapper Overboot 17" with Self-Cleaning Cleated Sole size 15																	

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
ATTACHMENT 2- sheet 2		**Manufacturer**	**Part number**	**Brief Description**	**Meets NIOSH Chemical, Biological, Radiological and Nuclear (CBRN) Standard for Open-Circuit Self-Contained Breathing Apparatus (December 2001).**	**Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Full Face piece Air Purifying Respirator (APR).**	**Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Air-Purifying Escape Respirator and CBRN Self-Contained Escape Respirator.**	**Meets NFPA 1951, Standard on Protective Ensemble for USAR Operations.**	**Meets NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services.**	**Meets NFPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies.**	**Meets NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents.**	**Meets NFPA 1999, Standard on Protective Clothing for Emergency Medical Operations.**		**Meets ANSI N42.32: Performance Criteria for Alarming Personal Radiation Detectors.**	**Meets ANSI N42.33: Radiation Detection Instrumentation**	**Meets ANSI N42.34: Performance Criteria for Hand-Held Instruments for the Detection and Identification of Radionuclides.**	**Meets ANSI N42.35: Evaluation and Performance of Radiation Detection Portal Monitors**	**Meets NIOSH 42CFR94**	**Level A**	**Level B**	**Level C**	**Level D**
		Onguard	ON87025S	Boot Chemical Overboot with 4-way Cleated Sole																		
		Onguard	ON87025M	Boot Chemical Overboot with 4-way Cleated Sole																		
		Onguard	ON87025L	Boot Chemical Overboot with 4-way Cleated Sole																		
		Onguard	ON87025XL	Boot Chemical Overboot with 4-way Cleated Sole																		
		Onguard	ON87025XXL	Boot Chemical Overboot with 4-way Cleated Sole																		
		Onguard	TR823307	HazProof Boot Sure Grip Outsole for Chemical & Hazmat cleanup,Emergency Response & Domestic Preparedness size 7																		
Level A: Fully encapsulated, liquid and vapor protective ensemble selected when the highest level of skin, respiratory, and eye protection is required. The following constitutes Level A equipment for consideration																						
1.1 Fully Encapsulated Liquid and Vapor Protection Ensemble, reusable or disposable (tested and certified against CB threats)																						
add additional rows as needed-	**1**																					
	2																					
	3																					
1.2 Fully Encapsulated Training Suits																						
	1																					
	2																					
	3																					
1.3 Closed-Circuit Rebreather (minimum 2-hour supply, preferred), or open-circuit Self-Contained Breathing Apparatus (SCBA) or, when appropriate, Air-Line System with 15-minute minimum escape SCBA																						
	1																					
	2																					
	3																					
1.4 Spare Cylinders/Bottles for rebreathers or SCBA and service/repair kits																						
	1																					
	2																					
	3																					
1.5 Chemical Resistant Gloves, including thermal, as appropriate to hazard																						
	1																					
	2																					
	3																					
1.6 Personal Cooling System; Vest or Full Suit with support equipment needed for maintaining body core temperature within acceptable limits																						
	1																					
	2																					
	3																					
1.7 Hardhat/helmet																						
	1																					
	2																					
	3																					
1.8 Chemical/Biological Protective Undergarment																						
	1																					
	2																					
	3																					
1.9 Inner Gloves																						
	1																					
	2																					
	3																					
1.10 Approved Chemical Resistant Tape																						
	1																					
	2																					
	3																					
1.11 Chemical Resistant Boots, Steel or Fiberglass Toe and Shank																						
	1																					
	2																					
	3																					
1.12 Chemical Resistant Outer Booties																						
	1																					
	2																					
	3																					
Level B: Liquid splash resistant ensemble used with highest level of respiratory protection. The following constitute Level B equipment and should be considered for use																						
	1																					
	2																					
	3																					
1B.1 Liquid Splash Resistant Chemical Clothing, encapsulated or non-encapsulated																						
	1																					
	2																					
	3																					
1B.2 Liquid Splash Resistant Hood																						
	1																					
	2																					
	3																					

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
ATTACHMENT 2- sheet 2		Manufacturer	Part number	Brief Description	Meets NIOSH Chemical, Biological, Radiological and Nuclear (CBRN) Standard for Open-Circuit Self-Contained Breathing Apparatus (December 2001).	Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Full Face piece Air Purifying Respirator (APR).	Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Air-Purifying Escape Respirator and CBRN Self-Contained Escape Respirator.	Meets NFPA 1951, Standard on Protective Ensemble for USAR Operations.	Meets NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services.	Meets NFPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies.	Meets NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents.	Meets NFPA 1999, Standard on Protective Clothing for Emergency Medical Operations.		Meets ANSI N42.32: Performance Criteria for Alarming Personal Radiation Detectors.	Meets ANSI N42.33: Radiation Detection Instrumentation	Meets ANSI N42.34: Performance Criteria for Hand-Held Instruments for the Detection and Identification of Radionuclides.	Meets ANSI N42.35: Evaluation and Performance of Radiation Detection Portal Monitors	Meets NIOSH 42CFR94	Level A	Level B	Level C	Level D
1B.3 Closed Circuit Rebreather (minimum 2-hour supply, preferred), open-circuit SCBA, or when appropriate, Air-Line System with 15-minute minimum escape SCBA																						
	1																					
	2																					
	3																					
1B.4 Spare Cylinders/Bottles for rebreathers or SCBA and service/repair kits																						
	1																					
	2																					
	3																					
1B.5 Chemical Resistant Gloves, including thermal, as appropriate to hazard																						
	1																					
	2																					
	3																					
1B.6 Personal Cooling System; Vest or Full Suit with support equipment needed for maintaining body core temperature within acceptable limits																						
	1																					
	2																					
	3																					
1B.7 Hardhat/helmet																						
	1																					
	2																					
	3																					
1B.8 Chemical/Biological Protective Undergarment																						
	1																					
	2																					
	3																					
1B.9 Inner Gloves																						
	1																					
	2																					
	3																					
1B.10 Approved Chemical Resistant Tape																						
	1																					
	2																					
	3																					
1B.11 Chemical Resistant Boots, Steel or Fiberglass Toe and Shank																						
	1																					
	2																					
	3																					
1B.12 Chemical Resistant Outer Booties																						
	1																					
	2																					
	3																					
Level C: Liquid splash resistant ensemble, with same level of skin protection of Level B, used when the concentration(s) and type(s) of airborne substances(s) are known and the criteria for using air-purifying respirators are met. The following constitute Level C equipment and should be considered for use																						
1C.1 Liquid Chemical Splash Resistant Clothing (permeable or non-permeable)																						
	1																					
	2																					
	3																					
1C.2 Liquid Chemical Splash Resistant Hood (permeable or non-permeable)																						
	1																					
	2																					
	3																					
1C.3 Tight-fitting, Full Face Piece, Negative Pressure Air Purifying Respirator with the appropriate cartridge(s) or canister(s) and P100 filter(s) for protection against toxic industrial chemicals, particulates, and military specific agents.																						
	1																					
	2																					
	3																					
1C.4 Tight-fitting, Full Facepiece, Powered Air Purifying Respirator (PAPR) with chemically resistant hood with appropriate cartridge(s) or canister(s) and high efficiency filter(s) for protection against toxic industrial chemicals, particulates, and military specific agents.																						
	1																					
	2																					
	3																					
1C.5 Closed-Circuit Rebreather (minimum 2-hour supply, preferred), open-circuit SCBA, or when appropriate, Air-Line System with 15-minute minimum escape SCBA																						
	1																					
	2																					
	3																					
1C.6 Spare cylinder/bottles for rebreathers or SCBA																						
	1																					
	2																					
	3																					
1C.7 SCBA Service and repair kits																						

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
ATTACHMENT 2- sheet 2		Manufacturer	Part number	Brief Description	Meets NIOSH Chemical, Biological, Radiological and Nuclear (CBRN) Standard for Open-Circuit Self-Contained Breathing Apparatus (December 2001).	Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Full Face piece Air Purifying Respirator (APR).	Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Air-Purifying Escape Respirator and CBRN Self-Contained Escape Respirator.	Meets NFPA 1951, Standard on Protective Ensemble for USAR Operations.	Meets NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services.	Meets NFPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies.	Meets NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents.	Meets NFPA 1999, Standard on Protective Clothing for Emergency Medical Operations.		Meets ANSI N42.32: Performance Criteria for Alarming Personal Radiation Detectors.	Meets ANSI N42.33: Radiation Detection Instrumentation	Meets ANSI N42.34: Performance Criteria for Hand-Held Instruments for the Detection and Identification of Radionuclides.	Meets ANSI N42.35: Evaluation and Performance of Radiation Detection Portal Monitors	Meets NIOSH 42CFR94	Level A	Level B	Level C	Level D
	1																					
	2																					
	3																					
1C.8 Equipment or system batteries will include those that are rechargeable (e.g. NiCad) or non-rechargeable with extended shelf life (e.g. Lithium)																						
	1																					
	2																					
	3																					
1C.9 Chemical Resistant Gloves, including thermal, as appropriate to hazard																						
	1																					
	2																					
	3																					
1C.10 Personal Cooling System; Vest or Full Suit with support equipment																						
	1																					
	2																					
	3																					
1C.11 Hardhat																						
	1																					
	2																					
	3																					
1C.12 Inner Chemical/Biological Resistant Garment																						
	1																					
	2																					
	3																					
1C.13 Inner Gloves																						
	1																					
	2																					
	3																					
1C.14 Chemical Resistant Tape																						
	1																					
	2																					
	3																					
1C.15 Chemical Resistant Boots, Steel or Fiberglass Toe and Shank																						
	1																					
	2																					
	3																					
1C.16 Chemical Resistant Outer Booties																						
Level D: Selected when no respiratory protection and minimal skin protection is required, and the atmosphere contains no known hazard and work functions preclude splashes, immersion, or the potential for unexpected inhalation of, or contact with, hazardous levels of any chemicals.																						
1D.1 Escape mask for self-rescue																						
	1																					
	2																					
	3																					
2. Explosive Device Mitigation and Remediation - Equipment providing for the mitigation and remediation of explosive devices in a CBRNE environment:																						
2.1 Bomb Search Protective Ensemble for Chemical/Biological Response																						
	1																					
	2																					
	3																					
2.2 Chemical/Biological Undergarment for Bomb Search Protective Ensemble																						
	1																					
	2																					
	3																					
2.3 Cooling Garments to manage heat stress																						
	1																					
	2																					
	3																					
2.4 Ballistic Threat Body Armor (not for riot suppression)																						
	1																					
	2																					
	3																					
2.5 Ballistic Threat Helmet (not for riot suppression)																						
	1																					
	2																					
	3																					
2.6 Blast and Ballistic Threat Eye Protection (not for riot suppression)																						
	1																					
	2																					
	3																					
2.7 Blast and Overpressure Threat Ear Protection (not for riot suppression)																						
	1																					
	2																					
	3																					
2.8 Fire Resistant Gloves																						
	1																					
	2																					
	3																					
2.9 Bomb blanket, Bomb Suppression Blanket, explosive devices blanket																						
	1																					

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
ATTACHMENT 2- sheet 2		Manufacturer	Part number	Brief Description	Meets NIOSH Chemical, Biological, Radiological and Nuclear (CBRN) Standard for Open-Circuit Self-Contained Breathing Apparatus (December 2001).	Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Full Face piece Air Purifying Respirator (APR).	Meets NIOSH Standard for Chemical, Biological, Radiological, and Nuclear (CBRN) Air-Purifying Escape Respirator and CBRN Self-Contained Escape Respirator.	Meets NFPA 1951, Standard on Protective Ensemble for USAR Operations.	Meets NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus for Fire and Emergency Services.	Meets NFPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies.	Meets NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents.	Meets NFPA 1999, Standard on Protective Clothing for Emergency Medical Operations.		Meets ANSI N42.32: Performance Criteria for Alarming Personal Radiation Detectors.	Meets ANSI N42.33: Radiation Detection Instrumentation	Meets ANSI N42.34: Performance Criteria for Hand-Held Instruments for the Detection and Identification of Radionuclides.	Meets ANSI N42.35: Evaluation and Performance of Radiation Detection Portal Monitors	Meets NIOSH 42CFR94	Level A	Level B	Level C	Level D
	2																					
	3																					
2.10 Dearmer/Disrupter																						
	1																					
	2																					
	3																					
2.11 Real Time X-Ray Unit; Portable X-Ray Unit																						
	1																					
	2																					
	3																					
2.12 CBRNE Compatible Total Containment Vessel (TCV)																						
	1																					
	2																					
	3																					
2.13 CBRNE Upgrades for Existing TCV																						
	1																					
	2																					
	3																					
2.14 Robot; Robot Upgrades																						
	1																					
	2																					
	3																					
2.15 Fiber Optic Kit (inspection or viewing)																						
	1																					
	2																					
	3																					
2.16 Tents, standard or air inflatable for chem/bio protection																						
	1																					
	2																					
	3																					
2.17 Inspection mirrors																						
	1																					
	2																					
	3																					
2.18 Ion Track Explosive Detector																						
	1																					
	2																					
	3																					
3. CBRNE Search and Rescue Equipment - Equipment providing a technical search and rescue capability for a CBRNE environment																						
3.1 Hydraulic tools; hydraulic power unit																						
	1																					
	2																					
	3																					
3.2 Listening devices; hearing protection																						
	1																					
	2																					
	3																					
3.3 Search cameras (including thermal and infrared imaging)																						
	1																					
	2																					
	3																					
3.4 Breaking devices (including spreaders, saws, and hammers)																						
	1																					
	2																					
	3																					
3.5 Lifting devices (including air bag systems, hydraulic rams, jacks, ropes, and block and tackle)																						
	1																					
	2																					
	3																					
3.6 Blocking and bracing materials																						
	1																					
	2																					
	3																					
3.7 Evacuation stretchers, baskets, and chairs (for evacuation of disabled personnel)																						
	1																					
	2																					
	3																					
3.8 Ventilation fans																						
	1																					
	2																					
	3																					
3.9 Rescue ropes and ladders (including rescue pulley systems)																						
	1																					
	2																					
	3																					
3.10 Confined Space Kits (such as MSA Watchman)																						
	1																					
	2																					
	3																					
3.11 Underwater equipment including: lights, metal detectors, communication and video units, lift bags, water rescue helmets, ice hooks, buoyancy compensator, and underwater scooter/DPV																						
	1																					
	2																					

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
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	3																					
3.12 SCUBA equipment including: exposure and pressurized suites, face masks, regulators, air tanks, and pony bottles.																						
4. Interoperable Communications Equipment - Equipment and systems providing connectivity and electrical interoperability between local and interagency organizations to coordinate CBRNE response operations. When utilizing ODP program funds in the category of Interoperable Communications Equipment to build, upgrade, enhance, or replace communications systems, grantees and sub-grantees should develop a comprehensive interoperable communications plan																						
4.1 Land Mobile, Two-Way In-Suit Communications (secure, hands free, fully duplex, optional), including air-to-ground capability (as required)																						
	1																					
	2																					
	3																					
4.2 Personnel Alert Safety System (PASS) - (location and physiological monitoring systems optional)																						
	1																					
	2																					
	3																					
4.3 Personnel Accountability Systems																						
	1																					
	2																					
	3																					
4.4 Portable Meteorological Station (monitors temperature, wind speed, wind direction and barometric pressure at a minimum)																						
5. Detection Equipment - Equipment to sample, detect, identify, quantify, and monitor for chemical, biological, radiological/nuclear, and explosive agents throughout designated areas or at specific points, including equipment necessary to enhance laboratory detection capabilities:																						
Chemical																						
5.1 M-8 Detection Paper for chemical agent identification																						
	1																					
	2																					
	3																					
5.2 M-9 Detection Paper (roll) for chemical agent (military grade) detection																						
	1																					
	2																					
	3																					
5.3 M-256 Detection Kit for Chemical Agent (weapons grade—blister: CX/HD/L; blood: AC/CK; and nerve: GB/VX) detection																						
	1																					
	2																					
	3																					
5.4 M-256 Training Kit																						
	1																					
	2																					
	3																					
5.5 M-18 Series Chemical Agent Detector Kit for surface/vapor chemical agent analysis																						
	1																					
	2																					
	3																					
5.6 Hazard Categorizing (HAZCAT) Kits																						
	1																					
	2																					
	3																					
5.7 Photo-Ionization Detector (PID)																						
	1																					
	2																					
	3																					
5.8 Flame Ionization Detector (FID)																						
	1																					
	2																					
	3																					
5.9 Surface Acoustic Wave Detector																						
	1																					
	2																					
	3																					
5.10 Gas Chromatograph/Mass Spectrometer (GC/MS)																						
	1																					
	2																					
	3																					
5.11 Ion Mobility Spectrometry																						
	1																					
	2																					
	3																					
5.12 Stand-Off Chemical Detector																						
	1																					

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
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	2																					
	3																					
5.13 M-272 Chemical Agent Water Test Kit																						
	1																					
	2																					
	3																					
5.14 Colormetric Tube/Chip Kit specific for TICs and CBRNE applications																						
	1																					
	2																					
	3																					
5.15 Multi gas Meter with minimum of O2 and LEL																						
	1																					
	2																					
	3																					
5.16 Leak Detectors (soap solution, ammonium hydroxide, etc)																						
	1																					
	2																					
	3																					
5.17 pH Paper/pH Meter																						
	1																					
	2																					
	3																					
5.18 Waste Water Classifier Kit																						
	1																					
	2																					
	3																					
5.19 Oxidizing Paper																						
	1																					
	2																					
	3																					
5.20 Protective cases for sensitive detection equipment storage and transport																						
Biological																						
5.21 Point Detection Systems/Kits (Immunoassay or other technology)																						
	1																					
	2																					
	3																					
Radiological/Nuclear																						
5.22 Radiation detection equipment (electronic or other technology that detects alpha, beta, gamma, and high intensity gamma)																						
	1																					
	2																					
	3																					
5.23 Personal Dosimeter																						
	1																					
	2																					
	3																					
5.24 Scintillation Fluid (radiological) pre-packaged																						
	1																					
	2																					
	3																					
5.25 Radiation monitors																						
	1																					
	2																					
	3																					
6. <u>Decontamination Equipment</u> - Equipment and material used to clean, remediate, remove or mitigate chemical and biological contamination:																						
Chemical																						
6.1 Decontamination system for individual and mass application with environmental controls, water heating system, showers, lighting, and transportation (trailer)																						
	1																					
	2																					
	3																					
6.2 Decon Litters/roller systems																						
	1																					
	2																					
	3																					
6.3 Extraction Litters, rollable																						
	1																					
	2																					
	3																					
6.4 Runoff Containment Bladder(s), decontamination shower waste collection with intrinsically safe evacuation pumps, hoses, connectors, scrub brushes, nozzles																						
	1																					
	2																					
	3																					
6.5 Spill Containment Devices																						
	1																					
	2																					
	3																					
6.6 Overpak Drums																						
	1																					

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
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	2																					
	3																					
6.7 Non-Transparent Cadaver Bags (CDC standard)																						
	1																					
	2																					
	3																					
6.8 Hand Carts																						
	1																					
	2																					
	3																					
6.9 Waste water classification kits/strips																						
	1																					
	2																					
	3																					
Biological																						
6.10 HEPA (High Efficiency Particulate Air) Vacuum for dry decontamination																						
7. Physical Security Enhancement Equipment. - Equipment to enhance the physical security of critical infrastructure.																						
Surveillance, Warning, Access/Intrusion Control																						
Ground																						
7.1 X-Ray Units																						
	1																					
	2																					
	3																					
7.2 Magnetometers																						
	1																					
	2																					
	3																					
Sensors – Agent/Explosives Detection																						
7.3 Chemical: Active/Passive; Mobile/Fixed; Handheld																						
	1																					
	2																					
	3																					
7.4 Biological: Active/Passive; Mobile/Fixed; Handheld																						
	1																					
	2																					
	3																					
7.5 Radiological																						
	1																					
	2																					
	3																					
7.6 Nuclear																						
	1																					
	2																					
	3																					
7.7 Ground/Wall Penetrating Radar																						
	1																					
	2																					
	3																					
Inspection/Detection Systems																						
7.8 Vehicle and Cargo Inspection System – Gamma-ray																						
	1																					
	2																					
	3																					
7.9 Mobile Search and Inspection System – X-ray																						
	1																					
	2																					
	3																					
7.10 Non-Invasive Radiological/Chem/Bio/Explosives System – Pulsed Neutron Activation																						
	1																					
	2																					
	3																					
Explosion Protection																						
7.11 Blast/Shock/Impact Resistant Systems																						
	1																					
	2																					
	3																					
7.12 Protective Clothing																						
	1																					
	2																					
	3																					
7.13 Column and Surface Wraps; Breakage/Shatter Resistant Glass; Window Wraps																						
	1																					
	2																					
	3																					
7.14 Robotic Disarm/Disable Systems																						
	1																					
	2																					
	3																					

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
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Support Equipment for Continuation of Critical Infrastructure Operations																						
7.15 Self-monitoring sensors and alarms																						
	1																					
	2																					
	3																					
8. Terrorism Incident Prevention Equipment (Terrorism Early Warning, Prevention, and Deterrence Equipment and Technologies) - State and local emergency preparedness, prevention and response agencies will increasingly rely on the integration of emerging technologies and equipment to improve jurisdictional capabilities to deter and prevent terrorist incidents. This includes, but is not limited to, equipment and associated components that enhance a jurisdiction's ability to disseminate advanced warning information to prevent a terrorist incident or disrupt a terrorist's ability to carry out the event, including information sharing, threat recognition, and public/private sector collaboration.																					
8.1 Law enforcement surveillance equipment																						
	1																					
	2																					
	3																					
9. CBRNE Logistical Support Equipment - Logistical support gear used to store and transport the equipment to the CBRNE incident site and handle it once onsite. This category also includes small support equipment including intrinsically safe (non-sparking) hand tools required to support a variety of tasks and to maintain equipment purchased under the grant, as well as general support equipment intended to support the CBRNE incident response. The State should also consider procurement of software to assist in tracking and maintaining statewide equipment assets.																						
9.1 Equipment trailers																						
	1																					
	2																					
	3																					
9.2 Staging tents and portable shelter units																						
	1																					
	2																					
	3																					
9.3 Weather-tight containers for equipment storage																						
	1																					
	2																					
	3																					
9.4 Software for equipment tracking and inventory																						
	1																					
	2																					
	3																					
9.5 Handheld computers for Emergency Response applications																						
	1																					
	2																					
	3																					
9.6 Small hand tools																						
	1																					
	2																					
	3																					
9.7 Binoculars, head lamps, range finders and spotting scopes (not for weapons use)																						
	1																					
	2																					
	3																					
9.8 Night vision goggles																						
	1																					
	2																					
	3																					
9.10 Light and heavy duty generators to operate search and rescue equipment, light sets, water pumps for decontamination sets																						
	1																					
	2																					
	3																					
9.11 Light sets for nighttime operations/security (including emergency light poles)																						
	1																					
	2																					
	3																					
9.12 Electrical current detectors and DC to AC inverter equipment																						
	1																					
	2																					
	3																					
9.13 Equipment harnesses, belts, and vests (including incident command vests)																						
	1																					

					Standards for Personal Protective Gear for First Responders									Standards for Radiation and Nuclear Detection Equipment								
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	2																					
	3																					
9.14 Isolation containers for suspected chemical/biological samples																						
	1																					
	2																					
	3																					
9.15 Bull horns and other PA systems																						
	1																					
	2																					
	3																					
9.16 Traffic and crowd control devices (traffic and reflective cones, arrow and zone signs, portable barriers)																						
	1																					
	2																					
	3																					
9.17 Water pumps for decontamination systems																						
	1																					
	2																					
	3																					
9.18 Bar code scanner/reader for equipment inventory control																						
	1																					
	2																					
	3																					
9.19 Badging system equipment and supplies																						
	1																					
	2																					
	3																					
9.20 Cascade system for refilling SCBA oxygen bottles																						
	1																					
	2																					
	3																					
9.21 SCBA fit test equipment and software to conduct flow testing																						
	1																					
	2																					
	3																					
9.22 Testing equipment for fully encapsulated suits and respirators																						
	1																					
	2																					
	3																					
9.23 Cooling/heating/ventilation fans (personnel and decontamination tent use)																						
	1																					
	2																					
	3																					
9.24 HAZMAT gear bag/box																						
10. Medical Supplies - Medical supplies required for response to a CBRNE incident at the advanced life support level. Grantees are responsible for replenishing items after shelf-life expiration date(s).																						
11. CBRNE Reference Materials - Reference materials and software designed to assist emergency preparedness and response personnel in preparing for and responding to a CBRNE incident. This includes but is not limited to the following:																						
11.1 NFPA Guide to hazardous materials																						
	1																					
	2																					
	3																					
11.2 NIOSH Hazardous Materials Pocket Guide																						
	1																					
	2																					
	3																					
11.3 North American Emergency Response Guide																						
	1																					
	2																					
	3																					
11.4 Jane's Chem-Bio Handbook																						
	1																					
	2																					
	3																					
11.5 First Responder Job Aids																						
12. Agriculatural Terrorism Prevention, Response & Mitigation Equipment																						
Diagnostic Equipment																						
Cleaning, Disinfection, and Fumigatior																						
Disposal Equipment and Supplies																						
Burning and Incinerating Supplies																						
General																						

					Standards for Personal Protective Gear for First Responders								Standards for Radiation and Nuclear Detection Equipment								
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13. Intervention Equipment – this category allows for the purchase of specialized law enforcement equipment that is necessary to further enhance their capabilities to prevent domestic terrorism incidents. Grantees are reminded that they must comply with 28 CFR, Parts 66 and 70. In addition, when procuring any Title III equipment, grantees must strictly adhere to requirements of 18 U.S.C., Part I, Chapter 119, Section 2512, pertaining to the manufacture, distribution, possession, and advertising of wire, oral, or electronic communications interception devices. This category includes but is not limited to the following:																					
13.1 Tactical entry equipment (not including weapons)																					
	1																				
	2																				
	3																				
13.2 Title III Equipment (Pin registers)																					
	1																				
	2																				
	3																				