

ATTACHMENT 2- sheet 2	Standards for Personal Protective Gear for First Responders										Standards for Radiation and Nuclear Detection Equipment				Other Standard/ Certification	Other Standard/ Certification	Other Standard/ Certification
	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.			
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 Geomet Technologies LLC	750001	DTAPS NFPA 1994 Class 2 System SM-XL								X						
	2 Geomet Technologies LLC	750005	DTAPS NFPA 1994 Class 2 System 2XL								X						
	3																
	4																
	5																
1B.1 Liquid Splash Resistant Chemical Clothing, encapsulated or non-encapsulated																	
	1																
	2																
	3																
1B.2 Liquid Splash Resistant Hood																	
	1																
	2																
	3																
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 substance(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 Geomet Technologies LLC	800001	DTAPS Level C1 System SM-XL														
	2 Geomet Technologies LLC	800005	DTAPS Level C1 System 2XL														
	3 Geomet Technologies LLC	850001	DTAPS Level C2 System SM-XL														
	4 Geomet Technologies LLC	850005	DTAPS Level C2 System 2XL														
	5 Dupont	C3610T	CPF3 Coverall and Overhead ensembles								X						

