



# Pennsylvania State Fire Academy

## Self-Contained Breathing Apparatus Inspection Checklist



SCBA Make and Model	Inspection Date
Cylinder DOT-E Number	Cylinder Serial Number
DOT-E	

**Instructions:**

1. This checklist shall be used for a Open Circuit Self-Contained Breathing Apparatus (SCBA) only
2. This inspection complies with the intent of NFPA 1852, **Selection, Care, and Maintenance of Open Circuit Self Contained Breathing Apparatus, Latest Edition, Chapter 7, Maintenance**
3. Units that are soiled or contaminated shall be cleaned prior to inspection

**Definitions:**

“Soiled” - Soil is easily transferred from one surface to another

“Contaminated” - Presence of a visual or odorous foreign substance

4. Mark the appropriate box (pass/fail)

Facepiece					
	P	F		P	F
Overall assembly: free from deterioration, dirt and damage			Lens: free from cracks, crazing, thermal, or other damage		
Headnet and harness anchors: present, functional and undamaged			Exhalation valve: functional and undamaged		
Regulator connection: functional and undamaged			Speaking diaphragm: functional and undamaged		
Rubber Components: free from deformation, wear, damage, and cracks			Lens Frame Retainer: present and correctly installed		

Backplate and Harness Assembly					
	P	F		P	F
Harness and Backframe assemblies: free from cuts, tears and damage			Cylinder Retention System: functional and undamaged		
Fastening assemblies: operate properly			Straps: extend fully		

Cylinder					
	P	F		P	F
Hydrostatic test: current			Threads: serviceable		
Gauge: functional and undamaged			Valve hand wheel: undamaged		
Cylinder: cracks, dents, or damage			Burst disc outlet: clear		
Composite cylinder: cuts, gouges, or damage			Cylinder pressure: full		

Construction (Circle)	Last Hydro Date	Hydro Retest Req.	Hydro Due Date	Service Life(yrs.)	End of Life Date
Steel or Aluminium		5 years		Indefinite	
Hoop wrapped Alum.		3 years		15 Years	
Fiberglass wrapped		3 years		15 Years	
Kevlar wrapped		3 years		15 Years	
Carbon Fiber wrapped		5 years		15 Years	

Hoses					
	P	F		P	F
Free of cuts, abrasion, or damage			Connections tight		
External fittings: functional and undamaged			Coupling nipple seal; present and undamaged		

Pressure Retention Test					
Procedure: Close all valves, open cylinder valve fully then close.				P	F
No audible pressure loss, or visual loss of greater than 100 psi in 10 seconds					

End of Service Time Indicator(ESTI)					
	P	F		P	F
Mount secure and debris free			Fitting: functional and undamaged		
Proper activation pressure					

Regulator Assembly					
	P	F		P	F
Control: functional and undamaged			Pressure relief device: undamaged		
Housing: undamaged					
No unusual noises while operating			Normal and bypass modes functional		

Remote Pressure Gauge / Remote Console					
	P	F		P	F
Undamaged			Remote gauge and cylinder pressure within 5%		

Personal Alert Safety System(PASS)					
	P	F		P	F
Excessive wear or damage			Battery covers secure		
Functions properly			Low battery warning not present		

Other Components					
	P	F		P	F
Heads Up Display(HUD): functional and undamaged			Voice amp serviceable		
Rapid Intervention Connection/Universal Air Connection(RIC/UAC)storable and serviceable					

COMMENTS:

---



---



---

Inspected by: \_\_\_\_\_ Signature: \_\_\_\_\_