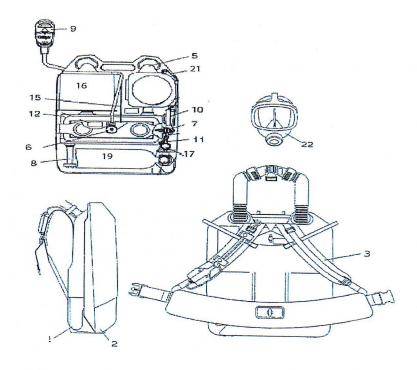
\_\_\_\_\_\_WORKING TIME\_\_\_\_\_MIN.\_\_\_\_SEC.

	VISUAL APPARATUS CHECKS		TEST APPARATUS		
1	Check if ok	. 1	Check if ok		
V	FRAME/HARNESS ASSEMBLY		ZERO TESTER PRIOR TO TESTING		
V	BREATHING BAG		1	V PRESSURE WARNING TEST	1.4 MBAR MAX.
	CYLINDER TEST	L		ALATION VALVE TEST	
1	REGENERATIVE CANISTER	V	<del>                                     </del>	ALATION VALVE TEST	10 MBAR +
V	SIMULATE ADDING DRAGERSORB	/	1	IN VALVE TEST	10 MBAR - 10 MBAR
V	RELIEF VALVE	/		K TEST with POSITIVE PRESSURE	1 MBAR IN 60 SEC.
レ	COOLER	/		IEF VALVE TEST	I MBAR IN 00 SEC.
1	SIMULATE ADDING ICE			State Opening Pressure	2 TO 5 MBAR
	HOSES	/	HIGI	H PRESSURE LEAK TEST	OPEN CYL. ICON
V	COUPLING			STANT METERING VALVE TEST	OTEN CIL. ICON
~	FACE PIECE TEST			State Final Reading	1.5 TO 1.9 L/MIN
/	SIMULATE DEFOGGING MASK		MINI	MUM VALVE TEST	1.5 10 1.5 L/MIIV
				State Opening Pressure	0.1 TO 2.5 MBAR
	CONNECTIONS CONNECTED OR GOOD	/	BYPA	ASS VALVE TEST	0.1 10 2.5 MBAR
V	· Cap on Drain Valve	/		ERNATE RELIEF VALVE TEST	2 TO 5 MBAR
V	Drain Valve to Breathing Bag	/		PRESSURE WARNING TEST	2 7 0 5 11 12 11
	Minimum Valve to Breathing Bag	/		State Warning Reading	APPROX. 700 PSI
V	Minimum Valve to O2 Supply Line	/	BATT	TERY TEST	BATT FULL/ ICON
V	Cylinder Connection				211111CEE TOOK
/	Regenerative Canister Connections				
V	Relief Valve to Regenerative Canister				
V	Crossover Hose Switchbox and Relief Valve				
1	Cooler to Breathing Bag				
1	. Distribution Hose				
V	Breathing Hoses				
	Hose Adapter on RZ-25 or Test-It 6100				
	•				
		VI	С	VISUAL APPARA	TUS
		V	1	Wearers Left Shoulder Strap Twisted Correct)	l (Identify and
		/	/	Waist Belt Buckle Cut Off (Identify	Only)
	:	/	/	Top Sentinel Strap Missing (Identify	and Correct)
		/	/	Hole In Breathing Hose (Identify an	d Correct)
		1	/	Extra Stud In Top Hole (Identify and	l Correct)
			TEST APPARATUS		
		1	Hole in Drain Valve Housing (Identify and Correct)		
	-		Bypass Line Pulled Out (Identify and Correct)		
		V	Bag Off Drain Valve (Identify and Correct)		
		V	Bag Off Minimum Valve (Identify and Correct)		

	VISUAL APPARATUS CHECKS		TEST APPARATUS		
<b>✓</b>	Check if ok	1	✓ Check if ok		
	FRAME/HARNESS ASSEMBLY	7	ZERO TESTER PRIOR TO TESTING LOW PRESSURE WARNING TEST		
	BREATHING BAG				1.4 MBAR MAX.
	CYLINDER TEST			NHALATION VALVE TEST	10 MBAR +
	REGENERATIVE CANISTER		1	EXHALATION VALVE TEST	10 MBAR -
	SIMULATE ADDING DRAGERSORB		+	DRAIN VALVE TEST	10 MBAR
	RELIEF VALVE		I	LEAK TEST with POSITIVE PRESSURE	1 MBAR IN 60 SE
	COOLER			RELIEF VALVE TEST	I MADINE IN TOO SE
	SIMULATE ADDING ICE		1.		2 TO 5 MBAR
	HOSES		F	HGH PRESSURE LEAK TEST	OPEN CYL. ICON
	COUPLING			CONSTANT METERING VALVE TEST	OT ELVETE. TEOF
	FACE PIECE TEST		1.	State Final Reading	1.5 TO 1.9 L/MIN
	SIMULATE DEFOGGING MASK		M	UNIMUM VALVE TEST	1.5 TO 1.5 L/MIN
			Τ.	State Opening Pressure	0.1 TO 2.5 MBAR
	CONNECTIONS CONNECTED OR GOOD		В	YPASS VALVE TEST	0.1 10 2.3 MBAR
	Cap on Drain Valve		_	LTERNATE RELIEF VALVE TEST	2 TO 5 MBAR
	Drain Valve to Breathing Bag			OW PRESSURE WARNING TEST	2 TO 3 MBAK
1	Minimum Valve to Breathing Bag			State Warning Reading	APPROX. 700 PSI
-	Minimum Valve to O2 Supply Line		В	ATTERY TEST	BATT FULL/ ICO
	Cylinder Connection		T		BATT FOLE/ ICO
	Regenerative Canister Connections				
	Relief Valve to Regenerative Canister				
†	Crossover Hose Switchbox and Relief Valve				
	Cooler to Breathing Bag				
,	Distribution Hose		<u> </u>		
1	Breathing Hoses				
Т	Hose Adapter on RZ-25 or Test-It 6100				
+					
$\dashv$		VI	С	VISUAL APPAR	
$\dashv$				Wearers Left Shoulder Strap Twister Correct)	
+				Waist Belt Buckle Cut Off (Identify	
+				Top Sentinel Strap Missing (Identify	
+				Hole In Breathing Hose (Identify an	· ·
+				Extra Stud In Top Hole (Identify an	
$\dashv$			TEST APPARATUS		
+				Hole in Drain Valve Housing (Identi	
+			Bypass Line Pulled Out (Identify and Correct)		
+		,		Bag Off Drain Valve (Identify and (	*
+				Bag Off Minimum Valve (Identify an	d Correct)
+					

1	. At the last low pressure warning approximately of the oxygen has been used up.
	A. 75%
	B. 95%
	C. 90%
2.	To start thealarm, press the Yellow panic button in center of the Sentinel.
	A. Audible
	B. Main
	C. Panic
3.	When the first low pressure warning occurs, the alarm sounds intermittently for approximately seconds and the red LED flashes constantly.
	A. 30
	B. 60
	C. 15
4.	Medium pressure in the BG-4 is between psi and 64 psi.
	A. 56
	B. 58
	C. 60
5.	Remove the Tally Key to activate the motion
	A. Device
	B. Alarm
	C. Sensor

6.	Attach minimum valve to breathing bag so that the pin of the minimum valve and the on the breathing bag line up.
	A. Stripe
	B. Line
	C. Mark
7.	CO <sub>2</sub> absorber is not approved for use afterexpiration date.
	A. Indicated
	B. Designated
	C. Specified
8.	Replace the high pressure O-ring located on the pressure reducerfor units which are in constant use.
	A. Annually
	B. Monthly
	C. Yearly
0	LIC D
9.	U.S. Department of Transportation hydro tests on composite cylinders every 5 years.
	A. Suggests
	B. Requires
	C. Recommends
10.	Replace the O-ring at the plug-in at least once every year for units which are in constant use.
	A. Connector
	B. Coupler
	C. Coupling



1 Cons. N	2 No. Designation	1 Cons. N	2 No. Designation
1 2 3 5 6 7 8 9	Carrying Housing Cover Shell, complete  Cooler Relief valve, Complete Minimum Valve Drain Valve Sentinel	12 15 16 17 19 21 22	Breathing Bag Lever, Complete Factory/refillable cartridge Pressure Reducer BG4 Oxygen Cylinder  FPS 7000 Mask
10	Switch Box		

### 11. Part # 3

- A. Shoulder Strap Assembly
- B. Shoulder Harness Assembly
- C. Shoulder Pad Assembly

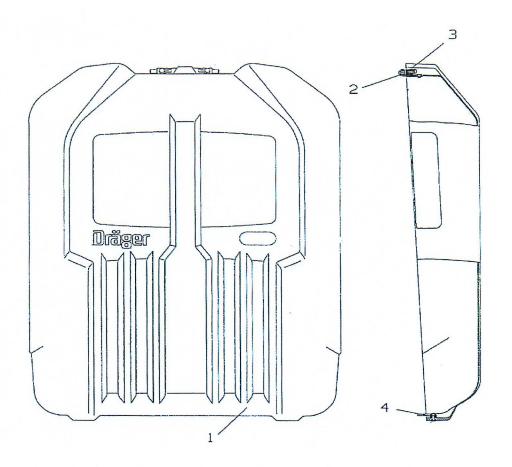
#### 12. Part # 11

- A. Pressure Sensor
- B. Pressure Adaptor
- C. Pressure Monitor

### 13. Part #21

- A. Dosage Hose
- B. Distribution Hose
- C. Distribution Line

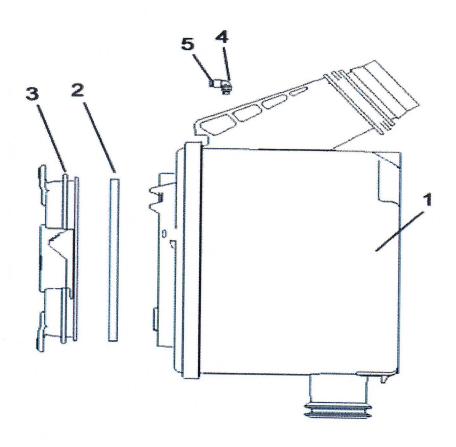
# Cover



1 2 Cons. No. Designation	1 2 Cons. No. Designation
1	3
2	4

14. Part # 1	15. Part # 2	16. Part # 3	17. Part # 4
A. Back Cover	A. Hinge	A. Grip Pocket	A. Release
B. Back Shell	B. Latch	B. Grip Cap	B. Pin
C. Cover Shell	C. Fastener	C. Cover Grip	C. Button

# **Cooling Canister (Revised Drawing)**



1 2	1 2
Cons. No. Designation	Cons. No. Designation
<ul><li>Cooler</li><li>O-Ring, Cooler</li></ul>	4 5

18. Part # 3	19. Part # 4	20. Part # 5
A. Lid	A. Angle Coupler	A. Retaining Ring
B. Cap	B. Angle connector	B. Reaction Cap
C. Cover	C. Angle Fastener	C. Reaction Ring