Rolla Mine Rescue and First Aid Competition

BIO-PAK 240R Written Test

1. Remove O-rings by hand or with the _____ tool provided in the service kit.

   A. Correct
   B. Small
   C. Pick

2. DO NOT submerge the _____ Module during turn-around maintenance.

   A. Alarm
   B. RMS
   C. Biopak

3. Christo-Lube and Dow/Molly Kote 111are the only _____ approved for use in the apparatus.

   A. Brands
   B. Lubricants
   C. Greases

4. Never lubricate the outlet tube _____ or the _____ that sits between the pressure regulator and the cylinder.

   A. Washer or the seal
   B. Washer or the O-ring
   C. O-ring or the Seal

5. The alarm (RMS) module will require _____ if any damage to the housing is discovered.

   A. Replacement
   B. Inspection
   C. Programming

6. If the flow does not meet the requirements of the _____ in the Benchman Manual the flow restrictor will need replacement.

   A. Statements
   B. Requirements
   C. Table

7. A good facemask seal is important to achieving full protection and _____.

   A. Visibility
   B. Duration
   C. Comfort

8. Personnel who intend to use protective breathing equipment in a _____ atmosphere must have the proper training, temperament, and experience.

   A. Dangerous
   B. IDLH
   C. Methane

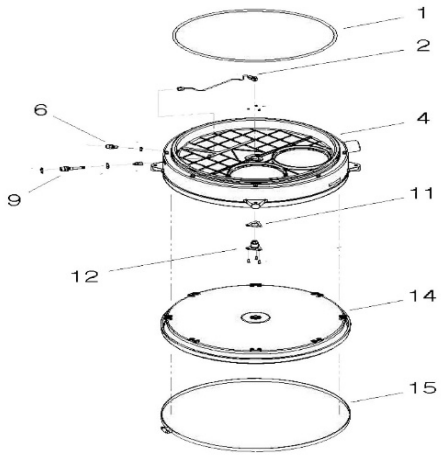
9. A _____ _____ user will significantly increase the chances of achieving an adequate face seal.

   A. Well Trained
   B. Steady Temperamental
   C. Clean Shaven

10. The ongoing effectiveness and reliability of any protective breathing equipment is dependent upon the user's standard of care in _____the equipment.

    A. Donning
    B. Maintaining
    C. Washing

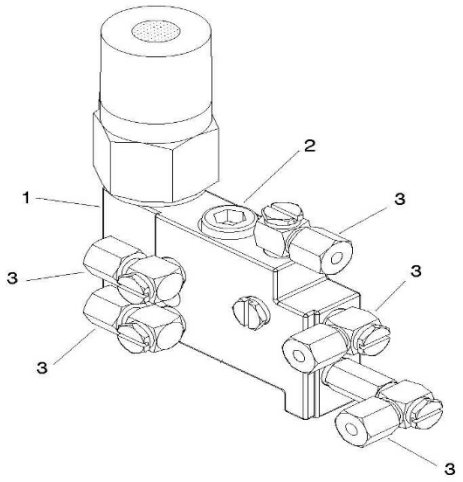
Center Section Assembly



1 Cons. No.	2 Designation	1 Cons. No.	2 Designation
1	Lid O-Ring	11	Demand Valve _____ (14)
2	Demand ____ Tube (11)	12	Demand Valve Assembly
4	Center Section Body Assembly	14	_____ Diaphragm **(15)**
6	_____ Add Fitting **(12)**	15	Diaphragm Clamp
9	_____ Add Fitting **(13)**		

(11)	**(12)**	**(13)**	**(14)**	**(15)**
A. Feed	A. Demand	A. Demand	A. Bushing	A. Pliable
B. Line	B. Constant	B. Flow	B. Hose	B. Flexible
C. Hose	C. Flow	C. Constant	C. Gasket	C. Breathing

Manifold Assembly



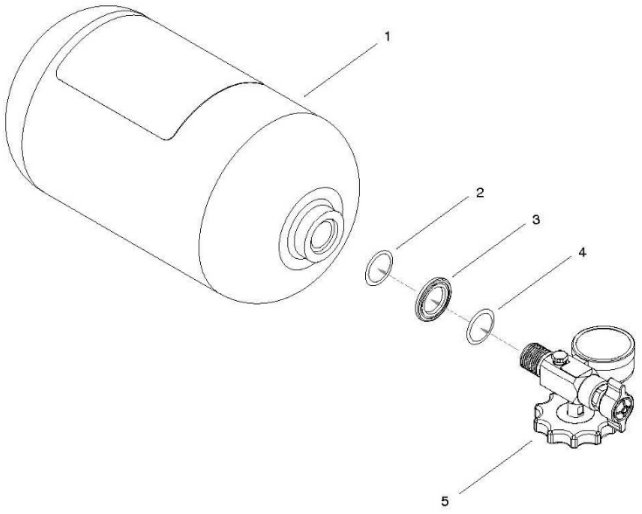
1 Cons. No.	2 Designation	1 Cons. No.	2 Designation
1 2	Manifold Block w/ _____ Switch **(16)** Constant _____ Flow Restrictor Assembly **(17)**	3	_____ Elbow Fitting **(18)**

(16)
A. Pressure
B. Flow
C. Add

(17)
A. Pressure
B. Flow
C. Add

(18)
A. Angle
B. Swivel
C. Connection

Oxygen Cylinder Assembly



1 Cons. No.	2 Designation	1 Cons. No.	2 Designation
1	Green Cylinder	4	_____ O-Ring **(20)**
2	Exterior O-Ring	5	Valve Assembly
3	Valve _____ **(19)**		

(19)

A. Collar
B. Stem
C. Connector

(20)

A. External
B. Inner
C. Interior