§ 84.71 Self-contained breathing apparatus; required components.

(a) Each self-contained breathing apparatus described in §84.70 shall, where its design requires, contain the following component parts:

(1) Facepiece or mouthpiece, and noseclip;
(2) Respirable breathing gas container;
(3) Supply of respirable breathing gas;
(4) Gas pressure or liquid level gauges;
(5) Timer;
(6) Remaining service life indicator or warning device;
(7) Hand-operated valves;
(8) Breathing bag;
(9) Safety relief valve or safety relief system; and
(10) Harness.

(b) The components of each self-contained breathing apparatus shall meet the minimum construction requirements set forth in subpart G of this part.

§ 84.72 Breathing tubes; minimum requirements.

Flexible breathing tubes used in conjunction with breathing apparatus shall be designed and constructed to prevent:

(a) Restriction of free head movement;
(b) Disturbance of the fit of facepieces and mouthpieces;
(c) Interference with the wearer's activities; and
(d) Shutoff of airflow due to kinking, or from chin or arm pressure.

§ 84.73 Harnesses; installation and construction; minimum requirements.

(a) Each apparatus shall, where necessary, be equipped with a suitable harness designed and constructed to hold the components of the apparatus in position against the wearer's body.
(b) Harnesses shall be designed and constructed to permit easy removal and replacement of apparatus parts.