Public Health Service, HHS

§ 84.75

minute service time and the air line
supply is used during entry; or
(ii) The self-contained breathing ap-
paratus is classified for 15 minutes or
longer service time and not more than
20 percent of the rated capacity of the
air supply is used during entry.
(c) Self-contained breathing appa-
ratus classified for 15 minutes or
longer service time and not more than
20 percent of the rated capacity of the
air supply is used during entry.
(d) Self-contained breathing appa-
ratus classified for less than 30 min-
utes' service time will not be approved
for use during underground mine rescue
and recovery operations except as aux-
iliary equipment.

§ 84.71 Self-contained breathing appa-
ratus; required components.
(a) Each self-contained breathing ap-
paratus described in §84.70 shall, where
its design requires, contain the fol-
lowing component parts:
(1) Facepiece or mouthpiece, and
noseclip;
(2) Respirable breathing gas con-
tainer;
(3) Supply of respirable breathing
gas;
(4) Gas pressure or liquid level gages;
(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-con-
tained breathing apparatus shall meet
the minimum construction require-
ments set forth in subpart G of this
part.

§ 84.72 Breathing tubes; minimum re-
quirements.
Flexible breathing tubes used in con-
junction with breathing apparatus
shall be designed and constructed to
prevent:
(a) Restriction of free head move-
ment;
(b) Disturbance of the fit of
facepieces and mouthpieces;
(c) Interference with the wearer’s ac-
tivities; and
(d) Shutoff of airflow due to kinking,
or from chin or arm pressure.

§ 84.73 Harnesses; installation and con-
struction; minimum requirements.
(a) Each apparatus shall, where nec-
essary, be equipped with a suitable har-
ness designed and constructed to hold
the components of the apparatus in po-

tion against the wearer’s body.
(b) Harnesses shall be designed and
constructed to permit easy removal
and replacement of apparatus parts
and, where applicable, provide for hold-

§ 84.74 Apparatus containers; min-
imum requirements.
(a) Apparatus may be equipped with a
substantial, durable container bearing
markings which show the applicant’s
name, the type and commercial des-
ignation of the respirator it contains,
and all appropriate approval labels.
(b) Containers supplied by the appli-
cant for carrying or storing self-con-
tained breathing apparatus will be in-
spected, examined, and tested as com-
ponents of the respirator for which ap-

§ 84.75 Half-mask facepieces, full

facepieces, mouthpieces; fit; min-
imum requirements.
(a) Half-mask facepieces and full
facepieces shall be designed and con-
structed to fit persons with various fa-
cial shapes and sizes, either:
(1) By providing more than one face-

piece size; or
(2) By providing one facepiece size
which will fit varying facial shapes and
sizes.
(b) Full facepieces shall provide for
the optional use of corrective spec-
tacles or lenses which shall not reduce
the respiratory protective qualities of
the apparatus.
(c) Apparatus with mouthpieces shall
be equipped with noseclips which are
securely attached to the mouthpiece or
apparatus and provide an airtight seal.