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## 29 C.F.R. § 1910.430

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### Equipment.

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(a) *General.* (1) All employers shall comply with the following requirements, unless otherwise specified.

(2) Each equipment modification, repair, test, calibration or maintenance service shall be recorded by means of a tagging or logging system, and include the date and nature of work performed, and the name or initials of the person performing the work.

(b) *Air compressor system.* (1) Compressors used to supply air to the diver shall be equipped with a volume tank with a check valve on the inlet side, a pressure gauge, a relief valve, and a drain valve.

(2) Air compressor intakes shall be located away from areas containing exhaust or other contaminants.

(3) Respirable air supplied to a diver shall not contain:

- (i) A level of carbon monoxide (CO) greater than 20 p/m;
- (ii) A level of carbon dioxide (CO<sub>2</sub>) greater than 1,000 p/m;
- (iii) A level of oil mist greater than 5 milligrams per cubic meter; or
- (iv) A noxious or pronounced odor.

(4) The output of air compressor systems shall be tested for air purity every 6 months by means of samples taken at the connection to the distribution system, except that non-oil lubricated compressors need not be tested for oil mist.

(c) *Breathing gas supply hoses.* (1) Breathing gas supply hoses shall:

- (i) Have a working pressure at least equal to the working pressure of the total breathing gas system;

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