

At best, with no problems, a three man dive team is an accident waiting to go happen.

With the diver down working, the tender tending the diver and the Supervisor/person in charge running the dive, you have no one to check compressors, bleed volume tanks, assist in getting tools up and down or react to unforeseen circumstances.

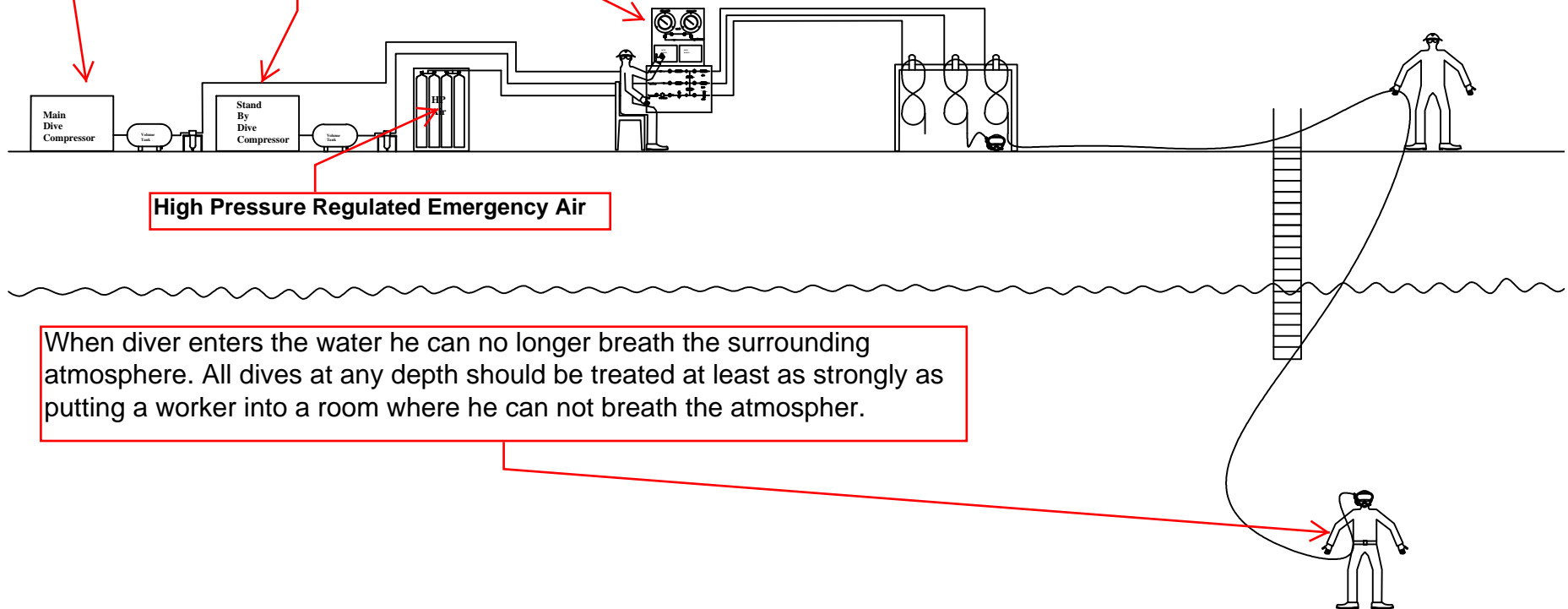
If the Supervisor does it, he has to leave the Dive radio and Air Panel that supplies the diver with Air. If the tender does it he has to leave the diver untended.

See Page 2 for Explanation Dive Panel.

Dive Compressor Main

Dive Compressor Stand-by

High Pressure Regulated Emergency Air

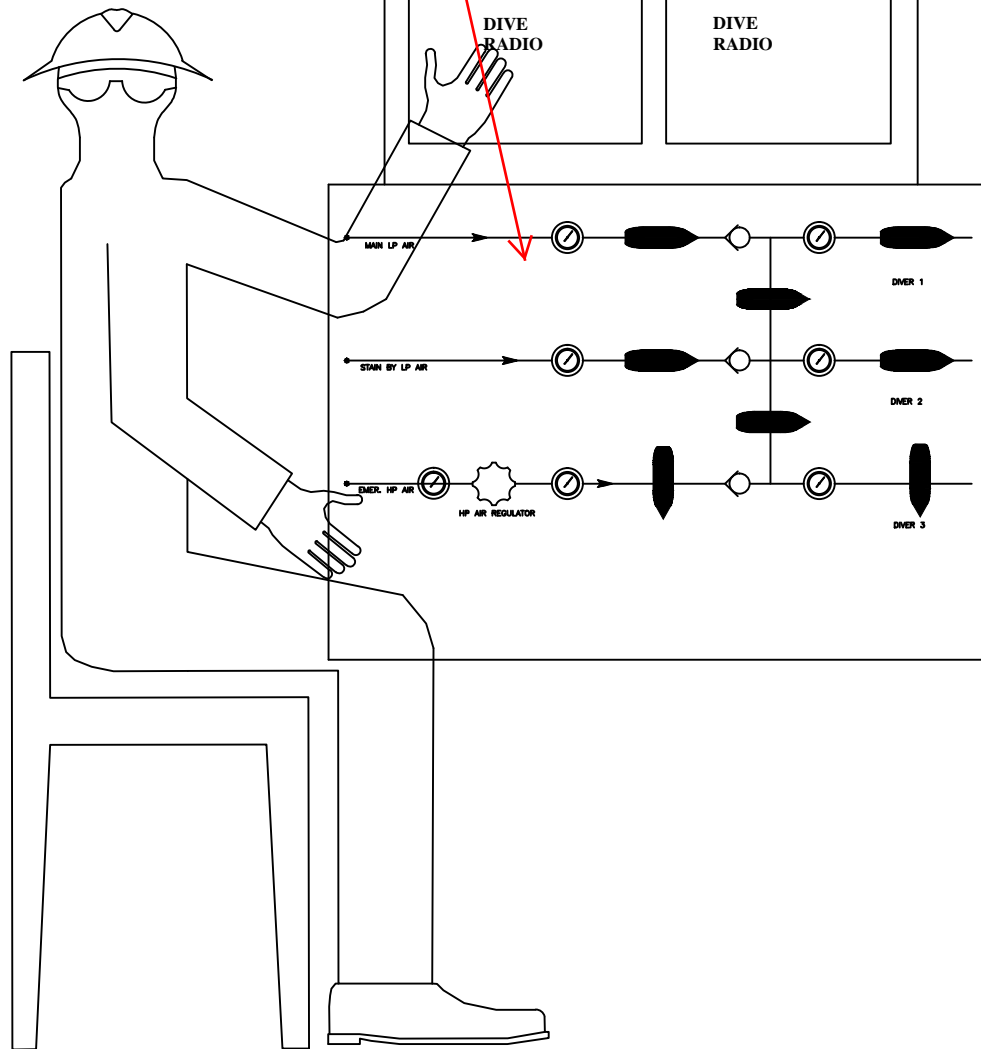


When diver enters the water he can no longer breathe the surrounding atmosphere. All dives at any depth should be treated at least as strongly as putting a worker into a room where he can not breathe the atmosphere.

The Dive panel brings air from three sources: Main Dive Compressor, Stand By Dive Compressor and High Pressure Regulated Air Bank, HP Air. This panel allows the Dive Supervisor to isolate each source of air and switch them as necessary. Example 1 the wind is blowing exhaust from other equipment on the dive compressors, you can switch to HP Air. Example 2 Main Compressor goes down you can switch to Stand By Dive Compressor.

Depth Gauges

Dive Radios Main Diver and Stand-by Diver



It is common practice in the U.S. Continental Shelf Area, Harbors, Rivers and Water Tower inspection to use three man dive teams, with nothing more than one dive ladder to get the man out of the water. At best this is an accident waiting to happen. Try getting an injured Diver up a 5' to 20' dive ladder. When you have to jump a Stand-by diver with a three man team you have created a more dangerous situation. The one dive team member on the surface is left to tend both divers, run the panel, as well as call for help.

If as allowed by OSHA, CFR they are diving to 130' No-Decompression without a chamber the one man on surface will have to be keeping both divers time and figure both divers in water decompression. The common answer to the question: Why are we diving this way? **"That's what we had to bid to get the job!"** As long as the ADCI supports and OSHA allows this type of diving, no Diver or Supervision will believe anything they say about Safety or Regulations.

