



SAFETY UNLIMITED, INC.

Safety Tip of the Week

Compressed Air Safety

Compressed air is a valuable utility and a safe power source when used properly. As with any other energy-carrying power source however, compressed air should be regarded with caution and handled with care to avoid accidents and user injury.

General safety requirements for compressed air:

- Air supply shutoff valves should be located (as near as possible) to the point-of-operation.
- Air hoses should be kept free of grease and oil to reduce the possibility of deterioration.
- Hoses should not be strung across floors or aisles where they are liable to cause personnel to trip and fall. When possible, air supply hoses should be suspended overhead, or otherwise located to afford efficient access and protection against damage.
- Hose ends must be secured to prevent whipping if an accidental cut or break occurs.
- Before a pneumatic tool is disconnected (unless it has quick disconnect plugs), the air supply must be turned off at the control valve and the tool bled.
- Compressed air must not be used under any circumstances to clean dirt and dust from clothing or off a person's skin. Shop air used for cleaning should be regulated to 15 psi unless equipped with diffuser nozzles to provide lesser pressure.
- Goggles, face shields, or other eye protection must be worn by personnel using compressed air for cleaning equipment.
- Static electricity can be generated through the use of pneumatic tools. This type of equipment must be grounded or bonded if it is used where fuel, flammable vapors, or explosive atmospheres are present.



Air Compressor Explosion

Safety is a frame of mind...So concentrate on it...all the time!!