**DO NOT** use this machine unless you have been instructed in its safe use and operation and have permission

**PERSONAL PROTECTIVE EQUIPMENT**

* Safety glasses must be always worn in work areas.
* Appropriate protective footwear must be worn.
* Rings and jewelry must not be worn.
* Appropriate hearing protection (*Class 5-SLC80>26 dB*) must be worn.
* Wear a hard hat if required.
* Wear an approved dust mask (*P2 dust and fumes)*.  
  **Use compressed air safely – horseplay with compressed air can cause injuries.**

**PRE-OPERATIONAL SAFETY CHECKS**

1. Ensure the work area is well ventilated and not interfering with other students or activities.
2. Visually check all air hoses and electrical leads used with the compressor for damage and slip/trip hazards.
3. Ensure all guards for the compressor (e.g., belt and pulley cover) are in place and in good working order.
4. Ensure you are familiar with the operation of the ON/OFF switch.
5. Check that the regulator is set to the appropriate pressure for the activity.
6. Check the oil level of the compressor in the oil sight glass.

**OPERATIONAL SAFETY CHECKS**

1. Ensure all attachments used with the

air compressor is in good condition

before using.

1. Be careful when attaching and

disconnecting tools to the air hose.

Hold the air hose and tool firmly during this process.

1. Check the compressor regularly, noting pressure increase and cut-out/cut-in pressure.
2. Listen for any air leaks from any flexible airlines and immediately report any leaks.
3. Adjust pressure regulator to suit work requirements.
4. Turn off and disconnect air hoses and electrical leads after use.
5. Never leave air compressor and

equipment unattended.

**HOUSEKEEPING**

1. Leave the work area in a safe, clean, and tidy state – remove any waste.
2. Release condensation from the drain before storing air compressor away.
3. Air hoses and electrical leads should be coiled with large loops.

**POTENTIAL HAZARDS**

* Material blown under pressure
* Unrestrained air hose whipping around
* High pressure air hose couplings
* Slips, trips, and falls
* Excessive noise
* Compressed air
* Manual handling – equipment and materials

**FORBIDDEN**

* Never use compressed air to clean off clothes, workbenches, or floor surfaces
* Never direct compressed air at your body or another person