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| Revision #:Written by: | Date: Month DD, YYYYApproved by: |
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| Related Documents:  | * Owner’s Manual for Air Compressor
* Boilers and Pressure Equipment Regulations
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| When to use this SWP: | To educate & train employees, contractors, and service personnel, involved with compressed air. To establish and maintain precautions and safe work practices for compressed air, as it relates to operations. |
| Hazards & Risks: | * Hearing Loss
* Fire/explosion
* Burns
* Flying particles
* Embolism
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| Personal Protective Equipment: | CSA approved * Steel toes
* Safety glasses
* Face Shield
* Gloves
* Hearing protection
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| Training Requirements: | * Training by a competent experienced person
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| Communication Process: | * Work with an experienced person before operating on your own. Read the owner’s manual before use.
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| **Equipment & Supplies:** | * First Aid Kit
* Fire Extinguisher
* Cell/Smart Phone or two-way radio
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| 1. Read the owner’s manual before use.
2. Inspection the compressor, and its’ tools before use.
3. Certified every 3-5 years as per the Boilers and Pressure Equipment Regulations.
4. All pipes, hoses, and fittings must have a rating of the maximum pressure of the compressor. Compressed air pipelines should be identified (psi) as to maximum working pressure.
5. Locate air supply shutoff valves as near to point-of-operation as possible.
6. Keep air hoses free of grease and oil to reduce the possibility of deterioration.
7. Hoses should not be strung across floors or in aisles where they are liable to cause personnel to trip and fall. When possible, hoses should be suspended overhead, or otherwise located to afford efficient access and protection against damage.
8. Secure hose ends to prevent whipping if an accidental cut or break occurs.
9. Pneumatic impact tools should never be pointed at a person.
10. 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.
11. Compressed air must not be used under any circumstances to clean dirt and dust from clothing or off a person’s skin.
12. Goggles, face shields or other eye protection must be worn by personnel using compressed air for cleaning equipment.
13. 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.
14. Only authorized / trained personnel should operate air compressor equipment.
15. The air intake should be from a clean, outside, fresh air source. Screens or filters can be used to clean the air.
16. Air compressors should never be operated at speeds faster than the manufacturer’s recommendation.
17. Equipment should not become overheated.
18. Moving parts, such as compressor flywheels, pulleys, and belts that could be hazardous should be effectively guarded.
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| EMERGENCY PROCEDURES: | In case of emergency, contact 911 and the farm owner immediately. Remove yourself from harm’s way and ensure no one else is at risk.  |