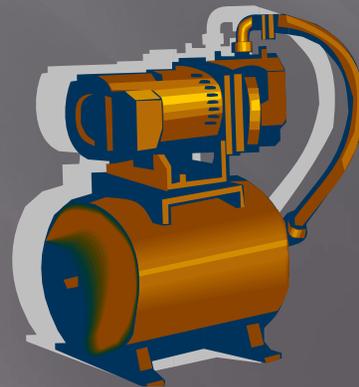


MSA FACILITIES SAFETY AND HEALTH INSPECTION PROGRAM

Air Receivers



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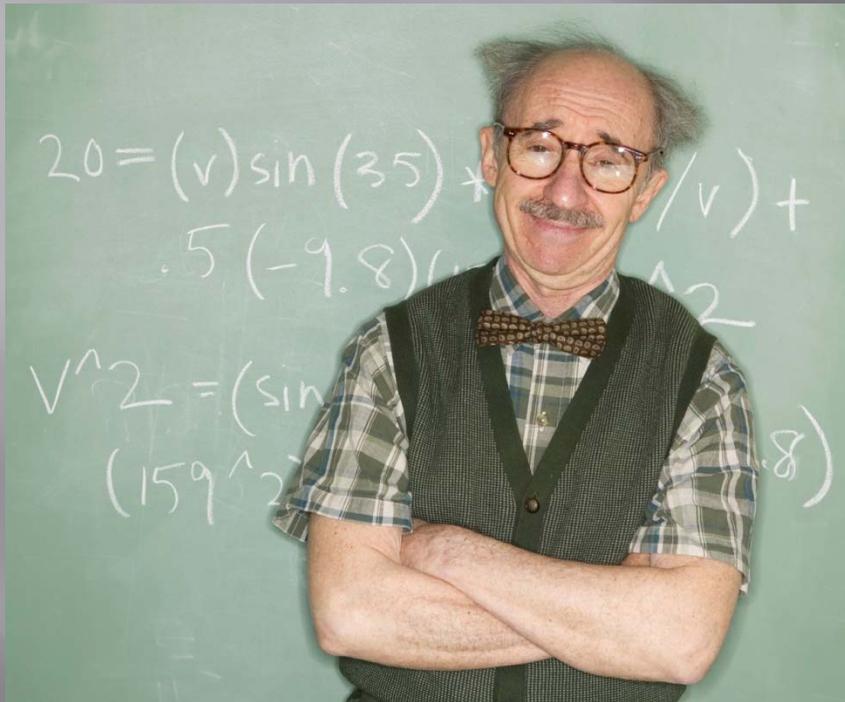
Air Receivers

At the completion of this unit you shall be able to:

1. Utilize section T of the Safety and Health Hazard Inspection Program Checklist to identify compliant and non-compliant safety behaviors.
2. Identify areas of concern requiring immediate action to mitigate or prevent a possible injury.

Please use "Slide Show" to properly view this presentation!

Air Receivers



- ▣ Let's talk a little bit about air receivers.
- ▣ We use compressed air in many of our shops in our facilities.
- ▣ Air receivers store the air from compressors and are designed to keep pressure at around 100 psig consistently.

Air Receivers

- Section T of the inspection checklist deals with air receivers or tanks.
- Let's take a closer look at this section.

MSA GENERAL INDUSTRY-BASED SAFETY AND HEALTH HAZARD INSPECTION CHECKLIST

No.	Inspection Observations	Compliant? Y-N-N/A	See Comments (indicate with X)
6	Appliances are clean and maintained.		
7	Other.		
Q	SAFETY COLOR CODE FOR MARKING PHYSICAL HAZARDS		
1	Emergency "STOP" switches are color-coded RED.		
2	Caution areas are marked with YELLOW or YELLOW/BLACK striping.		
3	Accident prevention signs and tags are posted where necessary, and of the correct type and color.		
4	Other.		
R	MEDICAL and FIRST AID		
1	First aid kits are in place, sealed and properly stocked.		
2	Employees are aware of the process to summon help.		
3	Automated External Defibrillator (AED) has received its monthly check.		
4	Safety showers/eyewash stations are provided in areas where severely irritating materials are used.		
5	Self contained eyewashes are sealed and within their expiration limits.		
6	Plumbed safety showers/eyewash stations are tested and inspected as required.		
7	Other.		
S	AIR RECEIVERS		
1	Air receivers and pressure relief valves have an established inspection schedule.		
2	Other.		
T	MATERIAL HANDLING		
1	Sufficient clearance is maintained through doorways and aisles for material handling equipment passage.		
2	Material is stored in a stable and secure manner.		
3	Storage areas are free from tripping and fire hazards.		
4	Other.		
U	MACHINE and MACHINE GUARDING (including exercise equipment)		
1	Guards are securely installed and in place on reciprocating, rotating, and translating motion parts of equipment.		
2	Fixed machines are anchored to prevent movement.		
3	Saws and cutting blades are properly guarded and have anti-kickback devices.		
4	Power controls are protected from accidental contact, and are within easy reach of the operator.		
5	Fan blades are guarded with material designed to prevent an exposure opening of greater than 1/2 inch.		
6	Other.		

Air Receivers

1. Air receivers and pressure relief valves have an established inspection schedule.
2. Other

Air Receivers

1. Air receivers and pressure relief valves have an established inspection schedule.
- Section T has one to two items.



Air Receivers

1. Air receivers and pressure relief valves have an established inspection schedule.
 - ▣ Air receivers need to be inspected based upon the manufacturer's information. Typically this is about every 2 years for high pressure industrial receivers.



Air Receivers

1. Air receivers and pressure relief valves have an established inspection schedule.
 - ▣ Also, the relief valves must be attached to the vessel, have a clear path of discharge, and be in good working order. This valve must also be inspected on a schedule recommended by the manufacturer.



Air Receivers

1. Air receivers and pressure relief valves have an established inspection schedule.
 - ▣ A compliant rating would indicate the inspections take place as specified.



Air Receivers

1. Air receivers and pressure relief valves have an established inspection schedule.
 - ▣ A non compliant rating would indicate that the inspections do not take place and something like this could happen.



Air Receivers

- If at any time you have any questions about how to fill out the form or about the items on the form please contact your OS&H group.

MSA GENERAL INDUSTRY-BASED SAFETY AND HEALTH HAZARD INSPECTION CHECKLIST

Facility:	Facility Representative:
Date:	Team Member:
Total Items Reviewed:	Team Member:
Total Non-Compliant Items:	Team Member:

No.	Inspection Observations	Compliant? Y·N·N/A	See Comments (indicate with X)
A	FIRE PROTECTION INSPECTION <i>(All issues must be observed as applicable see note 2)</i>		
1	Emergency Lights - Each unit must be operable when tested.		
2	Portable Fire Extinguishers (PFE) - Each unit is properly mounted, an inspection tag is in place and reflects through previous month, the pressure gauge is in the "green" zone (where applicable).		
3	PFE is not obstructed, is visible, and the seal is not broken.		
4	Sprinkler Clearance - Clearance between the sprinkler deflector and the top of any storage is 18 inches or greater.		
5	Fire Riser Pressure Gauge Inspection - Inspect gauges to verify pressure to the building and pressure held in the fire system. Typically both gauges will have similar pressure readings.		
6	Fire Risers - Access to fire system sprinkler risers and other system components must be unobstructed.		
7	Fire Riser Valve Inspection - Check all seals, position and supervision for broken seals or possible tampering.		
8	Post Indicating Valve Inspection - This valve will be located outside of the facility. It must be verified that the window on the side of the valve reads "OPEN".		
9	Exit Signs - Exit signs with an internal lighting source must be checked to ensure all lamps are functional. - Exit signs that use Tritium must be observed that they have not been damaged, all applicable labels are present, the sign has not expired, and it is not covered with another sign.		
10	Fire Doors - Identify that fire doors operate freely and latch securely upon closure. Fire doors must not be propped open.		
11	Ceiling Tiles - Where automatic sprinklers are installed drop ceiling tiles are in place. Missing tiles slow response of fire suppression sprinklers.		
12	Manual alarm stations are easily identified and readily accessible.		
13	Other.		
B	GENERAL SAFE BEHAVIORS		
1	Employees are taking the necessary safety precautions for the work being performed.		
2	Work is being performed such that collocated employees in the area are not exposed to occupational hazards or unsafe conditions.		

Air Receivers

Thank you for your time
and desire to help us have
a safer workplace