

# MSA FACILITIES SAFETY AND HEALTH INSPECTION PROGRAM

Means of Egress



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Further Dissemination Unlimited

# Means of Egress

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

1. Utilize section I 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.

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# Means of Egress

- Section I of the checklist contains up to 6 items. Let's take a closer look at these.

MSA GENERAL INDUSTRY-BASED SAFETY AND HEALTH HAZARD INSPECTION CHECKLIST

| No.  | Inspection Observations   | Compliant?<br>Y•N•N/A | See Comments<br>(indicate with X) |
|--|---|-----------------------|-----------------------------------|
| 7  | Recycling containers are present, used and emptied on a regular basis.  |                       |                                   |
| 8  | Other.  |                       |                                   |
| <b>G FIXED STAIRWAYS, LANDINGS, and RAMPS</b>                            |   |                       |                                   |
| 1  | Stairs unobstructed and in good repair.   |                       |                                   |
| 2  | Railings and handrails provided on open sides and properly maintained.  |                       |                                   |
| 3  | Riser height is uniform and steps/landings are slip resistant.  |                       |                                   |
| 4  | Other.  |                       |                                   |
| <b>H PORTABLE and FIXED LADDERS</b>                                      |   |                       |                                   |
| 1  | Portable and fixed ladders are inspected and maintained in safe condition.  |                       |                                   |
| 2  | Defective ladders are removed from service.   |                       |                                   |
| 3  | Ladder rungs are clean and free from oils, mud, and grease.   |                       |                                   |
| 4  | Portable ladders (including rolling ladder platform) are provided with safety feet.   |                       |                                   |
| 5  | Ladder landings have railings and toe boards.   |                       |                                   |
| 6  | Portable ladders set up for access extend at least 3 feet above landings and parapets.  |                       |                                   |
| 7  | Non self-supporting portable ladders are being positioned at a proper 4-to-1 angle.   |                       |                                   |
| 8  | Employees working from portable ladders at heights exposing them to a fall of 6 feet or greater are using an approved Fall Protection Work Permit (FPWP). |                       |                                   |
| 9  | Stepladders less than 6 feet in length/size are used only where necessary.  |                       |                                   |
| 10   | Other.  |                       |                                   |
| <b>I MEANS OF EGRESS</b>   |   |                       |                                   |
| 1  | Exits and exit routes are clearly visible and clear of obstructions.  |                       |                                   |
| 2  | Exterior exit doors are non-locking in the direction of egress.   |                       |                                   |
| 3  | Non-exit doorways that may be confused as an exit are marked "NOT AN EXIT."   |                       |                                   |
| 4  | Exterior exit discharge areas are clean and unobstructed.   |                       |                                   |
| 5  | Winter snow/ice hazards removed where employees enter/exit.   |                       |                                   |
| 6  | Other.  |                       |                                   |
| <b>J POWERED PLATFORMS, MANLIFTS, and VEHICLE MOUNTED WORK PLATFORMS</b> |   |                       |                                   |
| 1  | Platforms in use are current with periodic maintenance, inspection, and testing.  |                       |                                   |
| 2  | Guard rails and toe boards are adequate.  |                       |                                   |
| 3  | Fall protection/Personal Protective Equipment provided, used and maintained.  |                       |                                   |

# Means of Egress

1. Exits and exit routes are clearly visible and clear of obstructions.
2. Exterior exit doors are non-locking in the direction of egress.
3. Non-exit doorways that may be confused as an exit are marked "NOT AN EXIT."
4. Exterior exit discharge areas are clean and unobstructed
5. Winter snow/ice hazards removed where employees enter/exit.
6. Other.

# Means of Egress

1. Exits and exit routes are clearly visible and clear of obstructions.

- ▣ This item concerns itself with the egress path. The requirement is that an exit path must not have temporary or permanent storage that could decrease its width to less than 44 inches.
- ▣ A compliant rating would indicate that the path met these guidelines.



# Means of Egress

1. Exits and exit routes are clearly visible and clear of obstructions.
  - ▣ A non compliant rating would indicate that the path was blocked in some manner.



# Means of Egress

1. Exits and exit routes are clearly visible and clear of obstructions.
2. Exterior exit doors are non-locking in the direction of egress.
3. Non-exit doorways that may be confused as an exit are marked "NOT AN EXIT."
4. Exterior exit discharge areas are clean and unobstructed
5. Winter snow/ice hazards removed where employees enter/exit.
6. Other.

# Means of Egress

2. Exterior exit doors are non-locking in the direction of egress.
- ▣ This item relates to the emergency exit door. It must open in the direction of the egress path, be hinged on the side, and it must not be barred or locked (this is an example of door with the classic “panic bars”)
  - ▣ A compliant rating would indicate that the door met this requirement.



# Means of Egress

2. Exterior exit doors are non-locking in the direction of egress.

- ▣ A non compliant rating would indicate that the door did not meet this requirement.
- ▣ Note you are being asked to look for two things.
  - Does it open in the direction of egress?
  - Is it unlocked or barred in the direction of egress?



# Means of Egress

3. Non-exit doorways that may be confused as an exit are marked “NOT AN EXIT.”
  - ▣ The purpose of this item is to ensure that employees can distinguish which door is an exit and which could go into a closet.
  - ▣ A compliant rating would indicate that the facility did meet this requirement.



# Means of Egress

3. Non-exit doorways that may be confused as an exit are marked "NOT AN EXIT."
  - ▣ A non compliant rating would indicate that the facility did not meet this requirement.
  - ▣ It could be possible that a doorway could be confused as the exit.



# Means of Egress

## 4. Exterior exit discharge areas are clean and unobstructed

- The purpose of this item is to clarify that the means of egress includes out to the “safe area” being clear and passable. A blocked door could create issues for personnel attempt to evacuate or for emergency response personnel attempting to gain access.
- A compliant rating would indicate that the facility did meet this requirement.



# Means of Egress

4. Exterior exit discharge areas are clean and unobstructed
  - ▣ A non compliant rating would indicate that the facility did not meet this requirement.



# Means of Egress

5. Winter snow/ice hazards removed where employees enter/exit.
  - ▣ This item is to check (based on time of year) that sidewalks and egress paths are clear of snow and that ice hazards are addressed. This is to prevent the serious injuries that can occur from same level falls.
  - ▣ A compliant rating would mean the facility was in compliance.



# Means of Egress

5. Winter snow/ice hazards removed where employees enter/exit.
  - ▣ A non compliant rating would mean that ice or snow was accumulated such that it would make the means of egress hazardous.



# Means of Egress

- 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 project safety 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? | See Comments<br>(indicate with X) |
|----------|---|------------|-----------------------------------|
|          |   | Y•N•N/A    |                                   |
| <b>A</b> | <b>FIRE PROTECTION INSPECTION</b> <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.<br>- 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>B</b> | <b>GENERAL SAFE BEHAVIORS</b>   |            |                                   |
| 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.  |            |                                   |

1 A-6004-299 (REV 2)

## Means of Egress

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