

# 2025 SAFETY SCHEDULE

Prepared for: Elite Air Systems

<https://turbotoolbox.vercel.app>

# Weekly Safety Topics

DATE	TOPIC	SIGNATURE
Dec 22	Week 1: Introduction to Safety	_____
Dec 29	Week 2: Fall Protection	_____
Jan 5	Week 3: Electrical Safety	_____
Jan 12	Week 4: Confined Space Entry	_____
Jan 19	Week 5: Scaffolding Safety	_____
Jan 26	Week 6: Respiratory Protection	_____
Feb 2	Week 7: Hazardous Materials	_____
Feb 9	Week 8: Lockout/Tagout	_____
Feb 16	Week 9: Fire Prevention	_____
Feb 23	Week 10: Emergency Procedures	_____
Mar 2	Week 11: Confined Space Entry (Part 2)	_____
Mar 9	Week 12: Scaffolding Safety (Part 2)	_____
Mar 16	Week 13: Electrical Safety (Part 2)	_____
Mar 23	Week 14: Respiratory Protection (Part 2)	_____
Mar 30	Week 15: Hazardous Materials (Part 2)	_____
Apr 6	Week 16: Fall Protection (Part 2)	_____
Apr 13	Week 17: Confined Space Entry (Part 3)	_____
Apr 20	Week 18: Scaffolding Safety (Part 3)	_____
Apr 27	Week 19: Electrical Safety (Part 3)	_____
May 4	Week 20: Respiratory Protection (Part 3)	_____
May 11	Week 21: Hazardous Materials (Part 3)	_____
May 18	Week 22: Fall Protection (Part 3)	_____
May 25	Week 23: Confined Space Entry (Part 4)	_____
Jun 1	Week 24: Scaffolding Safety (Part 4)	_____
Jun 8	Week 25: Electrical Safety (Part 4)	_____
Jun 15	Week 26: Review and Certification	_____
Jun 22	Week 27: Fall Protection for HVAC	_____
Jun 29	Week 28: Electrical Safety for HVAC	_____
Jul 6	Week 29: Confined Space Entry for HVAC	_____

Jul 13	Week 30: Chemical Safety for HVAC	_____
Jul 20	Week 31: Scaffolding Safety for HVAC	_____
Jul 27	Week 32: Lockout/Tagout for HVAC	_____
Aug 3	Week 33: Fire Safety for HVAC	_____
Aug 10	Week 34: Respiratory Protection for HVAC	_____
Aug 17	Week 35: Confined Space Entry for HVAC (Advanced)	_____
Aug 24	Week 36: Electrical Safety for HVAC (Advanced)	_____
Aug 31	Week 37: Fall Protection for HVAC (Advanced)	_____
Sep 7	Week 38: Confined Space Entry for HVAC (Case Study)	_____
Sep 14	Week 39: Electrical Safety for HVAC (Case Study)	_____
Sep 21	Week 40: Fall Protection for HVAC (Case Study)	_____
Sep 28	Week 41: Confined Space Entry for HVAC (Simulation)	_____
Oct 5	Week 42: Electrical Safety for HVAC (Simulation)	_____
Oct 12	Week 43: Fall Protection for HVAC (Simulation)	_____
Oct 19	Week 44: Confined Space Entry for HVAC (Game-Based)	_____
Oct 26	Week 45: Electrical Safety for HVAC (Game-Based)	_____
Nov 2	Week 46: Fall Protection for HVAC (Game-Based)	_____
Nov 9	Week 47: Confined Space Entry for HVAC (Virtual Reality)	_____
Nov 16	Week 48: Electrical Safety for HVAC (Virtual Reality)	_____
Nov 23	Week 49: Fall Protection for HVAC (Virtual Reality)	_____
Nov 30	Week 50: Confined Space Entry for HVAC (Scenario-Based)	_____
Dec 7	Week 51: Electrical Safety for HVAC (Scenario-Based)	_____
Dec 14	Week 52: Fall Protection for HVAC (Scenario-Based)	_____

# Week 1: Introduction to Safety

OSHA: 29 CFR 19

Understanding the importance of safety in HVAC work

## INCIDENT REPORT

*On a construction site, a worker was electrocuted while working on a HVAC duct system. The worker was not wearing any personal protective equipment (PPE) and was not following lockout/tagout procedures. The incident resulted in the worker's death and highlighted the importance of safety protocols in HVAC work.*

## FOREMAN'S GUIDE

Welcome the crew to the safety training program. Emphasize the importance of safety in HVAC work and review the company's safety policies and procedures. Discuss the consequences of not following safety protocols.

### Inspection Actions

- ☐ Review company safety policies and procedures
- ☐ Conduct a site-specific hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify lockout/tagout procedures are followed
- ☐ Conduct regular safety training

### Crew Discussion

- What are the most common hazards in HVAC work?
- How can we prevent electrocution in HVAC work?
- What is the importance of lockout/tagout procedures?

**QUIZ:** What is the primary reason for conducting a site-specific hazard assessment?

*Answer: To identify potential hazards and take steps to mitigate them*

### Crew Sign-In

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# Week 2: Fall Protection

OSHA: 29 CFR 1910.66

Understanding fall protection requirements in HVAC work

**INCIDENT REPORT**

A worker was working on a rooftop HVAC unit when he fell 30 feet to the ground. The worker was not wearing a harness or safety line, and the incident resulted in serious injuries. The investigation revealed that the worker was not following fall protection procedures.

**FOREMAN'S GUIDE**

Review the OSHA regulations for fall protection. Emphasize the importance of fall protection in HVAC work and discuss the consequences of not following fall protection procedures.

### Inspection Actions

- ☐ Conduct a fall hazard assessment
- ☐ Ensure all workers wear a harness and safety line
- ☐ Verify anchors and lanyards are secure
- ☐ Train workers on fall protection procedures
- ☐ Conduct regular equipment inspections

### Crew Discussion

- What are the most common fall hazards in HVAC work?
- How can we prevent falls in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a fall hazard assessment?  
*Answer: To identify potential fall hazards and take steps to mitigate them*

### Crew Sign-In

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# Week 3: Electrical Safety

OSHA: 29 CFR 1910.331

Understanding electrical safety requirements in HVAC work

**INCIDENT REPORT**

A worker was electrocuted while working on a HVAC electrical panel. The worker was not wearing any PPE and was not following lockout/tagout procedures. The incident resulted in the worker's death and highlighted the importance of electrical safety in HVAC work.

**FOREMAN'S GUIDE**

Review the OSHA regulations for electrical safety. Emphasize the importance of electrical safety in HVAC work and discuss the consequences of not following electrical safety procedures.

## Inspection Actions

- ☐ Conduct an electrical hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify lockout/tagout procedures are followed
- ☐ Train workers on electrical safety procedures
- ☐ Conduct regular equipment inspections

## Crew Discussion

- What are the most common electrical hazards in HVAC work?
- How can we prevent electrical shock in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a lockout/tagout procedure?  
*Answer: To prevent electrical shock and ensure worker safety*

## Crew Sign-In

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# Week 4: Confined Space Entry

OSHA: 29 CFR 1910.146

Understanding confined space entry requirements in HVAC work

**INCIDENT REPORT**

A worker entered a confined space to perform maintenance on a HVAC system. The worker became trapped and was not able to escape. The incident resulted in the worker's death and highlighted the importance of confined space entry procedures in HVAC work.

**FOREMAN'S GUIDE**

Review the OSHA regulations for confined space entry. Emphasize the importance of confined space entry procedures in HVAC work and discuss the consequences of not following confined space entry procedures.

**Inspection Actions**

- ☐ Conduct a confined space hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify confined space entry procedures are followed
- ☐ Train workers on confined space entry procedures
- ☐ Conduct regular equipment inspections

**Crew Discussion**

- What are the most common confined space hazards in HVAC work?
- How can we prevent confined space entrapment in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a confined space hazard assessment?  
*Answer: To identify potential confined space hazards and take steps to mitigate them*

## Crew Sign-In

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# Week 5: Scaffolding Safety

OSHA: 29 CFR 1910.67

Understanding scaffolding safety requirements in HVAC work

### INCIDENT REPORT

A worker was working on a scaffolding structure when it collapsed, causing the worker to fall 20 feet to the ground. The worker was not wearing a harness or safety line, and the incident resulted in serious injuries. The investigation revealed that the worker was not following scaffolding safety procedures.

### FOREMAN'S GUIDE

Review the OSHA regulations for scaffolding safety. Emphasize the importance of scaffolding safety in HVAC work and discuss the consequences of not following scaffolding safety procedures.

### Inspection Actions

- ☐ Conduct a scaffolding hazard assessment
- ☐ Ensure all workers wear a harness and safety line
- ☐ Verify scaffolding is properly assembled and secured
- ☐ Train workers on scaffolding safety procedures
- ☐ Conduct regular equipment inspections

### Crew Discussion

- What are the most common scaffolding hazards in HVAC work?
- How can we prevent scaffolding collapses in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a scaffolding hazard assessment?

Answer: To identify potential scaffolding hazards and take steps to mitigate them

### Crew Sign-In

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# Week 6: Respiratory Protection

OSHA: 29 CFR 1910.134

Understanding respiratory protection requirements in HVAC work

**INCIDENT REPORT**

A worker was exposed to asbestos while working on a HVAC system. The worker was not wearing respiratory protection, and the incident resulted in serious health consequences. The investigation revealed that the worker was not following respiratory protection procedures.

**FOREMAN'S GUIDE**

Review the OSHA regulations for respiratory protection. Emphasize the importance of respiratory protection in HVAC work and discuss the consequences of not following respiratory protection procedures.

### Inspection Actions

- ☐ Conduct a respiratory hazard assessment
- ☐ Ensure all workers wear respiratory protection
- ☐ Verify respiratory protection is properly fitted and maintained
- ☐ Train workers on respiratory protection procedures
- ☐ Conduct regular equipment inspections

### Crew Discussion

- What are the most common respiratory hazards in HVAC work?
- How can we prevent respiratory exposure in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a respiratory hazard assessment?  
*Answer: To identify potential respiratory hazards and take steps to mitigate them*

### Crew Sign-In

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# Week 7: Hazardous Materials

OSHA: 29 CFR 1910.120

Understanding hazardous materials requirements in HVAC work

**INCIDENT REPORT**

*A worker was exposed to a hazardous material while working on a HVAC system. The worker was not wearing personal protective equipment (PPE) and was not following hazardous materials procedures. The incident resulted in serious health consequences. The investigation revealed that the worker was not following hazardous materials procedures.*

**FOREMAN'S GUIDE**

Review the OSHA regulations for hazardous materials. Emphasize the importance of hazardous materials procedures in HVAC work and discuss the consequences of not following hazardous materials procedures.

**Inspection Actions**

- ☐ Conduct a hazardous materials hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify hazardous materials procedures are followed
- ☐ Train workers on hazardous materials procedures
- ☐ Conduct regular equipment inspections

**Crew Discussion**

- What are the most common hazardous materials hazards in HVAC work?
- How can we prevent hazardous materials exposure in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:**    What is the primary purpose of a hazardous materials hazard assessment?  
*Answer: To identify potential hazardous materials hazards and take steps to mitigate them*

**Crew Sign-In**

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# Week 8: Lockout/Tagout

OSHA: 29 CFR 1910.147

Understanding lockout/tagout procedures in HVAC work

**INCIDENT REPORT**

A worker was electrocuted while working on a HVAC system. The worker was not following lockout/tagout procedures, and the incident resulted in the worker's death. The investigation revealed that the worker was not following lockout/tagout procedures.

**FOREMAN'S GUIDE**

Review the OSHA regulations for lockout/tagout. Emphasize the importance of lockout/tagout procedures in HVAC work and discuss the consequences of not following lockout/tagout procedures.

Inspection Actions

- ☐ Conduct a lockout/tagout hazard assessment
- ☐ Ensure all workers follow lockout/tagout procedures
- ☐ Verify lockout/tagout devices are properly used and maintained
- ☐ Train workers on lockout/tagout procedures
- ☐ Conduct regular equipment inspections

Crew Discussion

- What are the most common lockout/tagout hazards in HVAC work?
- How can we prevent electrical shock in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a lockout/tagout procedure?  
*Answer: To prevent electrical shock and ensure worker safety*

Crew Sign-In

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# Week 9: Fire Prevention

OSHA: 29 CFR 1910.159

Understanding fire prevention requirements in HVAC work

**INCIDENT REPORT**

A fire broke out on a construction site where a HVAC worker was working. The worker was not following fire prevention procedures, and the incident resulted in serious injuries. The investigation revealed that the worker was not following fire prevention procedures.

**FOREMAN'S GUIDE**

Review the OSHA regulations for fire prevention. Emphasize the importance of fire prevention in HVAC work and discuss the consequences of not following fire prevention procedures.

## Inspection Actions

- ☐ Conduct a fire hazard assessment
- ☐ Ensure all workers follow fire prevention procedures
- ☐ Verify fire extinguishers are properly inspected and maintained
- ☐ Train workers on fire prevention procedures
- ☐ Conduct regular equipment inspections

## Crew Discussion

- What are the most common fire hazards in HVAC work?
- How can we prevent fires in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a fire hazard assessment?  
*Answer: To identify potential fire hazards and take steps to mitigate them*

## Crew Sign-In

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# Week 10: Emergency Procedures

OSHA: 29 CFR 1910.146

Understanding emergency procedures in HVAC work

**INCIDENT REPORT**

*A worker was injured on a construction site where a HVAC worker was working. The worker was not following emergency procedures, and the incident resulted in serious injuries. The investigation revealed that the worker was not following emergency procedures.*

**FOREMAN'S GUIDE**

Review the OSHA regulations for emergency procedures. Emphasize the importance of emergency procedures in HVAC work and discuss the consequences of not following emergency procedures.

**Inspection Actions**

- ☐ Conduct an emergency procedures assessment
- ☐ Ensure all workers follow emergency procedures
- ☐ Verify emergency equipment is properly inspected and maintained
- ☐ Train workers on emergency procedures
- ☐ Conduct regular equipment inspections

**Crew Discussion**

- What are the most common emergency hazards in HVAC work?
- How can we prevent emergencies in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of an emergency procedures assessment?  
*Answer: To identify potential emergency hazards and take steps to mitigate them*

**Crew Sign-In**

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# Week 11: Confined Space Entry (Part 2)

OSHA: 29 CFR 1910.146

Understanding confined space entry requirements in HVAC work

**INCIDENT REPORT**

A worker entered a confined space to perform maintenance on a HVAC system. The worker became trapped and was not able to escape. The incident resulted in the worker's death and highlighted the importance of confined space entry procedures in HVAC work.

**FOREMAN'S GUIDE**

Review the OSHA regulations for confined space entry. Emphasize the importance of confined space entry procedures in HVAC work and discuss the consequences of not following confined space entry procedures.

## Inspection Actions

- ☐ Conduct a confined space hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify confined space entry procedures are followed
- ☐ Train workers on confined space entry procedures
- ☐ Conduct regular equipment inspections

## Crew Discussion

- What are the most common confined space hazards in HVAC work?
- How can we prevent confined space entrapment in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a confined space hazard assessment?  
*Answer: To identify potential confined space hazards and take steps to mitigate them*

## Crew Sign-In

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# Week 12: Scaffolding Safety (Part 2)

OSHA: 29 CFR 1926.451

Understanding scaffolding safety requirements in HVAC work

**INCIDENT REPORT**

A worker was working on a scaffolding structure when it collapsed, causing the worker to fall 20 feet to the ground. The worker was not wearing a harness or safety line, and the incident resulted in serious injuries. The investigation revealed that the worker was not following scaffolding safety procedures.

**FOREMAN'S GUIDE**

Review the OSHA regulations for scaffolding safety. Emphasize the importance of scaffolding safety in HVAC work and discuss the consequences of not following scaffolding safety procedures.

**Inspection Actions**

- ☐ Conduct a scaffolding hazard assessment
- ☐ Ensure all workers wear a harness and safety line
- ☐ Verify scaffolding is properly assembled and secured
- ☐ Train workers on scaffolding safety procedures
- ☐ Conduct regular equipment inspections

**Crew Discussion**

- What are the most common scaffolding hazards in HVAC work?
- How can we prevent scaffolding collapses in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a scaffolding hazard assessment?

Answer: To identify potential scaffolding hazards and take steps to mitigate them

## Crew Sign-In

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# Week 13: Electrical Safety (Part 2)

OSHA: 29 CFR 1910.331

Understanding electrical safety requirements in HVAC work

**INCIDENT REPORT**

A worker was electrocuted while working on a HVAC electrical panel. The worker was not wearing any PPE and was not following lockout/tagout procedures. The incident resulted in the worker's death and highlighted the importance of electrical safety in HVAC work.

**FOREMAN'S GUIDE**

Review the OSHA regulations for electrical safety. Emphasize the importance of electrical safety in HVAC work and discuss the consequences of not following electrical safety procedures.

## Inspection Actions

- ☐ Conduct an electrical hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify lockout/tagout procedures are followed
- ☐ Train workers on electrical safety procedures
- ☐ Conduct regular equipment inspections

## Crew Discussion

- What are the most common electrical hazards in HVAC work?
- How can we prevent electrical shock in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a lockout/tagout procedure?  
*Answer: To prevent electrical shock and ensure worker safety*

## Crew Sign-In

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# Week 14: Respiratory Protection (Part 2)

OSHA: 29 CFR 1910.134

Understanding respiratory protection requirements in HVAC work

**INCIDENT REPORT**

*A worker was exposed to asbestos while working on a HVAC system. The worker was not wearing respiratory protection, and the incident resulted in serious health consequences. The investigation revealed that the worker was not following respiratory protection procedures.*

**FOREMAN'S GUIDE**

Review the OSHA regulations for respiratory protection. Emphasize the importance of respiratory protection in HVAC work and discuss the consequences of not following respiratory protection procedures.

**Inspection Actions**

- ☐ Conduct a respiratory hazard assessment
- ☐ Ensure all workers wear respiratory protection
- ☐ Verify respiratory protection is properly fitted and maintained
- ☐ Train workers on respiratory protection procedures
- ☐ Conduct regular equipment inspections

**Crew Discussion**

- What are the most common respiratory hazards in HVAC work?
- How can we prevent respiratory exposure in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a respiratory hazard assessment?

*Answer: To identify potential respiratory hazards and take steps to mitigate them*

**Crew Sign-In**

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# Week 15: Hazardous Materials (Part 2)

OSHA: 29 CFR 1910.120

Understanding hazardous materials requirements in HVAC work

**INCIDENT REPORT**

*A worker was exposed to a hazardous material while working on a HVAC system. The worker was not wearing personal protective equipment (PPE) and was not following hazardous materials procedures. The incident resulted in serious health consequences. The investigation revealed that the worker was not following hazardous materials procedures.*

**FOREMAN'S GUIDE**

Review the OSHA regulations for hazardous materials. Emphasize the importance of hazardous materials procedures in HVAC work and discuss the consequences of not following hazardous materials procedures.

**Inspection Actions**

- ☐ Conduct a hazardous materials hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify hazardous materials procedures are followed
- ☐ Train workers on hazardous materials procedures
- ☐ Conduct regular equipment inspections

**Crew Discussion**

- What are the most common hazardous materials hazards in HVAC work?
- How can we prevent hazardous materials exposure in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a hazardous materials hazard assessment?  
*Answer: To identify potential hazardous materials hazards and take steps to mitigate them*

**Crew Sign-In**

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# Week 16: Fall Protection (Part 2)

OSHA: 29 CFR 1910.66

Understanding fall protection requirements in HVAC work

**INCIDENT REPORT**

A worker was working on a rooftop HVAC unit when he fell 30 feet to the ground. The worker was not wearing a harness or safety line, and the incident resulted in serious injuries. The investigation revealed that the worker was not following fall protection procedures.

**FOREMAN'S GUIDE**

Review the OSHA regulations for fall protection. Emphasize the importance of fall protection in HVAC work and discuss the consequences of not following fall protection procedures.

## Inspection Actions

- ☐ Conduct a fall hazard assessment
- ☐ Ensure all workers wear a harness and safety line
- ☐ Verify anchors and lanyards are secure
- ☐ Train workers on fall protection procedures
- ☐ Conduct regular equipment inspections

## Crew Discussion

- What are the most common fall hazards in HVAC work?
- How can we prevent falls in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a fall hazard assessment?  
*Answer: To identify potential fall hazards and take steps to mitigate them*

## Crew Sign-In

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# Week 17: Confined Space Entry (Part 3)

OSHA: 29 CFR 1910.146

Understanding confined space entry requirements in HVAC work

**INCIDENT REPORT**

A worker entered a confined space to perform maintenance on a HVAC system. The worker became trapped and was not able to escape. The incident resulted in the worker's death and highlighted the importance of confined space entry procedures in HVAC work.

**FOREMAN'S GUIDE**

Review the OSHA regulations for confined space entry. Emphasize the importance of confined space entry procedures in HVAC work and discuss the consequences of not following confined space entry procedures.

## Inspection Actions

- ☐ Conduct a confined space hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify confined space entry procedures are followed
- ☐ Train workers on confined space entry procedures
- ☐ Conduct regular equipment inspections

## Crew Discussion

- What are the most common confined space hazards in HVAC work?
- How can we prevent confined space entrapment in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a confined space hazard assessment?  
*Answer: To identify potential confined space hazards and take steps to mitigate them*

## Crew Sign-In

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# Week 18: Scaffolding Safety (Part 3)

OSHA: 29 CFR 1926.451

Understanding scaffolding safety requirements in HVAC work

**INCIDENT REPORT**

A worker was working on a scaffolding structure when it collapsed, causing the worker to fall 20 feet to the ground. The worker was not wearing a harness or safety line, and the incident resulted in serious injuries. The investigation revealed that the worker was not following scaffolding safety procedures.

**FOREMAN'S GUIDE**

Review the OSHA regulations for scaffolding safety. Emphasize the importance of scaffolding safety in HVAC work and discuss the consequences of not following scaffolding safety procedures.

## Inspection Actions

- ☐ Conduct a scaffolding hazard assessment
- ☐ Ensure all workers wear a harness and safety line
- ☐ Verify scaffolding is properly assembled and secured
- ☐ Train workers on scaffolding safety procedures
- ☐ Conduct regular equipment inspections

## Crew Discussion

- What are the most common scaffolding hazards in HVAC work?
- How can we prevent scaffolding collapses in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a scaffolding hazard assessment?  
*Answer: To identify potential scaffolding hazards and take steps to mitigate them*

## Crew Sign-In

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# Week 19: Electrical Safety (Part 3)

OSHA: 29 CFR 1910.331

Understanding electrical safety requirements in HVAC work

**INCIDENT REPORT**

A worker was electrocuted while working on a HVAC electrical panel. The worker was not wearing any PPE and was not following lockout/tagout procedures. The incident resulted in the worker's death and highlighted the importance of electrical safety in HVAC work.

**FOREMAN'S GUIDE**

Review the OSHA regulations for electrical safety. Emphasize the importance of electrical safety in HVAC work and discuss the consequences of not following electrical safety procedures.

## Inspection Actions

- ☐ Conduct an electrical hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify lockout/tagout procedures are followed
- ☐ Train workers on electrical safety procedures
- ☐ Conduct regular equipment inspections

## Crew Discussion

- What are the most common electrical hazards in HVAC work?
- How can we prevent electrical shock in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a lockout/tagout procedure?  
*Answer: To prevent electrical shock and ensure worker safety*

## Crew Sign-In

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# Week 20: Respiratory Protection (Part 3)

OSHA: 29 CFR 1910.134

Understanding respiratory protection requirements in HVAC work

**INCIDENT REPORT**

*A worker was exposed to asbestos while working on a HVAC system. The worker was not wearing respiratory protection, and the incident resulted in serious health consequences. The investigation revealed that the worker was not following respiratory protection procedures.*

**FOREMAN'S GUIDE**

Review the OSHA regulations for respiratory protection. Emphasize the importance of respiratory protection in HVAC work and discuss the consequences of not following respiratory protection procedures.

Inspection Actions

- ☐ Conduct a respiratory hazard assessment
- ☐ Ensure all workers wear respiratory protection
- ☐ Verify respiratory protection is properly fitted and maintained
- ☐ Train workers on respiratory protection procedures
- ☐ Conduct regular equipment inspections

Crew Discussion

- What are the most common respiratory hazards in HVAC work?
- How can we prevent respiratory exposure in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a respiratory hazard assessment?  
*Answer: To identify potential respiratory hazards and take steps to mitigate them*

Crew Sign-In

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# Week 21: Hazardous Materials (Part 3)

OSHA: 29 CFR 1910.120

Understanding hazardous materials requirements in HVAC work

**INCIDENT REPORT**

*A worker was exposed to a hazardous material while working on a HVAC system. The worker was not wearing personal protective equipment (PPE) and was not following hazardous materials procedures. The incident resulted in serious health consequences. The investigation revealed that the worker was not following hazardous materials procedures.*

**FOREMAN'S GUIDE**

Review the OSHA regulations for hazardous materials. Emphasize the importance of hazardous materials procedures in HVAC work and discuss the consequences of not following hazardous materials procedures.

**Inspection Actions**

- ☐ Conduct a hazardous materials hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify hazardous materials procedures are followed
- ☐ Train workers on hazardous materials procedures
- ☐ Conduct regular equipment inspections

**Crew Discussion**

- What are the most common hazardous materials hazards in HVAC work?
- How can we prevent hazardous materials exposure in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a hazardous materials hazard assessment?  
*Answer: To identify potential hazardous materials hazards and take steps to mitigate them*

**Crew Sign-In**

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# Week 22: Fall Protection (Part 3)

OSHA: 29 CFR 1910.66

Understanding fall protection requirements in HVAC work

**INCIDENT REPORT**

A worker was working on a rooftop HVAC unit when he fell 30 feet to the ground. The worker was not wearing a harness or safety line, and the incident resulted in serious injuries. The investigation revealed that the worker was not following fall protection procedures.

**FOREMAN'S GUIDE**

Review the OSHA regulations for fall protection. Emphasize the importance of fall protection in HVAC work and discuss the consequences of not following fall protection procedures.

## Inspection Actions

- ☐ Conduct a fall hazard assessment
- ☐ Ensure all workers wear a harness and safety line
- ☐ Verify anchors and lanyards are secure
- ☐ Train workers on fall protection procedures
- ☐ Conduct regular equipment inspections

## Crew Discussion

- What are the most common fall hazards in HVAC work?
- How can we prevent falls in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a fall hazard assessment?  
*Answer: To identify potential fall hazards and take steps to mitigate them*

## Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 23: Confined Space Entry (Part 4)

OSHA: 29 CFR 1910.146

Understanding confined space entry requirements in HVAC work

**INCIDENT REPORT**

A worker entered a confined space to perform maintenance on a HVAC system. The worker became trapped and was not able to escape. The incident resulted in the worker's death and highlighted the importance of confined space entry procedures in HVAC work.

**FOREMAN'S GUIDE**

Review the OSHA regulations for confined space entry. Emphasize the importance of confined space entry procedures in HVAC work and discuss the consequences of not following confined space entry procedures.

**Inspection Actions**

- ☐ Conduct a confined space hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify confined space entry procedures are followed
- ☐ Train workers on confined space entry procedures
- ☐ Conduct regular equipment inspections

**Crew Discussion**

- What are the most common confined space hazards in HVAC work?
- How can we prevent confined space entrapment in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a confined space hazard assessment?  
*Answer: To identify potential confined space hazards and take steps to mitigate them*

**Crew Sign-In**

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# Week 24: Scaffolding Safety (Part 4)

OSHA: 29 CFR 1926.451

Understanding scaffolding safety requirements in HVAC work

**INCIDENT REPORT**

A worker was working on a scaffolding structure when it collapsed, causing the worker to fall 20 feet to the ground. The worker was not wearing a harness or safety line, and the incident resulted in serious injuries. The investigation revealed that the worker was not following scaffolding safety procedures.

**FOREMAN'S GUIDE**

Review the OSHA regulations for scaffolding safety. Emphasize the importance of scaffolding safety in HVAC work and discuss the consequences of not following scaffolding safety procedures.

**Inspection Actions**

- ☐ Conduct a scaffolding hazard assessment
- ☐ Ensure all workers wear a harness and safety line
- ☐ Verify scaffolding is properly assembled and secured
- ☐ Train workers on scaffolding safety procedures
- ☐ Conduct regular equipment inspections

**Crew Discussion**

- What are the most common scaffolding hazards in HVAC work?
- How can we prevent scaffolding collapses in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a scaffolding hazard assessment?

Answer: To identify potential scaffolding hazards and take steps to mitigate them

## Crew Sign-In

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# Week 25: Electrical Safety (Part 4)

OSHA: 29 CFR 1910.331

Understanding electrical safety requirements in HVAC work

**INCIDENT REPORT**

A worker was electrocuted while working on a HVAC electrical panel. The worker was not wearing any PPE and was not following lockout/tagout procedures. The incident resulted in the worker's death and highlighted the importance of electrical safety in HVAC work.

**FOREMAN'S GUIDE**

Review the OSHA regulations for electrical safety. Emphasize the importance of electrical safety in HVAC work and discuss the consequences of not following electrical safety procedures.

**Inspection Actions**

- ☐ Conduct an electrical hazard assessment
- ☐ Ensure all workers wear PPE
- ☐ Verify lockout/tagout procedures are followed
- ☐ Train workers on electrical safety procedures
- ☐ Conduct regular equipment inspections

**Crew Discussion**

- What are the most common electrical hazards in HVAC work?
- How can we prevent electrical shock in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a lockout/tagout procedure?

Answer: To prevent electrical shock and ensure worker safety

## Crew Sign-In

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# Week 26: Review and Certification

OSHA: 29 CFR 1910.269

Reviewing safety procedures and certifying completion of the safety training program

**INCIDENT REPORT**

A worker was electrocuted while working on a HVAC electrical panel. The worker was not wearing any PPE and was not following lockout/tagout procedures. The incident resulted in the worker's death and highlighted the importance of electrical safety in HVAC work.

**FOREMAN'S GUIDE**

Review the OSHA regulations for safety procedures. Emphasize the importance of safety procedures in HVAC work and discuss the consequences of not following safety procedures.

## Inspection Actions

- ☐ Review all safety procedures
- ☐ Ensure all workers understand safety procedures
- ☐ Verify all workers have completed safety training
- ☐ Certify completion of the safety training program
- ☐ Conduct regular equipment inspections

## Crew Discussion

- What are the most common safety hazards in HVAC work?
- How can we prevent safety incidents in HVAC work?
- What is the importance of regular equipment inspections?

**QUIZ:** What is the primary purpose of a safety training program?  
*Answer: To ensure worker safety and prevent incidents*

## Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 27: Fall Protection for HVAC

OSHA: 29 CFR 1910.66

Preventing falls from heights is crucial for HVAC technicians.

**INCIDENT REPORT**

*In 2019, a 35-year-old HVAC technician fell 30 feet from a roof while working on a commercial building. He suffered severe head injuries and died shortly after arrival at the hospital. The investigation revealed that the technician was not wearing a harness and the fall protection system was not properly installed.*

**FOREMAN'S GUIDE**

Emphasize the importance of fall protection and the consequences of non-compliance. Provide hands-on training on proper fall protection procedures and equipment usage.

## Inspection Actions

- ☐ Conduct a hazard assessment before starting work at heights.
- ☐ Ensure all personnel are properly trained on fall protection procedures.
- ☐ Use personal fall arrest systems (PFAS) and rope descent systems (RDS) as required.
- ☐ Regularly inspect and maintain fall protection equipment.
- ☐ Supervise and monitor all personnel working at heights.

## Crew Discussion

- What are the most common causes of falls from heights in the HVAC industry?
- How can technicians prevent falls from heights?
- What are the consequences of not wearing personal protective equipment (PPE) while working at heights?

**QUIZ:** What is the primary purpose of a fall protection system?  
*Answer: To prevent falls from heights and protect personnel from injury or death.*

## Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 28: Electrical Safety for HVAC

OSHA: 29 CFR 1910.331

Electrical safety is a critical aspect of HVAC work.

**INCIDENT REPORT**

*In 2017, a 28-year-old HVAC technician was electrocuted while working on a residential air conditioning unit. The investigation revealed that the technician was not properly trained on electrical safety procedures and did not follow lockout/tagout protocols.*

**FOREMAN'S GUIDE**

Emphasize the importance of electrical safety and the consequences of non-compliance. Provide hands-on training on proper electrical safety procedures and equipment usage.

Inspection Actions

- ☐ Conduct a thorough electrical safety inspection before starting work.
- ☐ Ensure all personnel are properly trained on electrical safety procedures.
- ☐ Use lockout/tagout procedures to prevent electrical shock.
- ☐ Regularly inspect and maintain electrical equipment and cords.
- ☐ Supervise and monitor all personnel working with electrical systems.

Crew Discussion

- What are the most common causes of electrical shock in the HVAC industry?
- How can technicians prevent electrical shock?
- What are the consequences of not following lockout/tagout procedures?

**QUIZ:** What is the primary purpose of lockout/tagout procedures?  
*Answer: To prevent electrical shock and ensure personnel safety.*

Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 29: Confined Space Entry for HVAC

OSHA: 29 CFR 1910.146

Confined space entry requires specialized training and equipment.

**INCIDENT REPORT**

*In 2018, a 32-year-old HVAC technician became trapped in a confined space while working on a residential furnace. The technician was not properly trained on confined space entry procedures and did not follow safety protocols.*

**FOREMAN'S GUIDE**

Emphasize the importance of confined space entry safety and the consequences of non-compliance. Provide hands-on training on proper confined space entry procedures and equipment usage.

## Inspection Actions

- ☐ Conduct a thorough hazard assessment before entering a confined space.
- ☐ Ensure all personnel are properly trained on confined space entry procedures.
- ☐ Use specialized equipment and ventilation systems to ensure safe entry.
- ☐ Regularly inspect and maintain confined space entry equipment.
- ☐ Supervise and monitor all personnel entering confined spaces.

## Crew Discussion

- What are the most common hazards associated with confined space entry?
- How can technicians prevent confined space-related injuries?
- What are the consequences of not following confined space entry safety protocols?

**QUIZ:** What is the primary purpose of a confined space entry permit?  
*Answer: To ensure safe entry and exit from confined spaces.*

## Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_



# Week 30: Chemical Safety for HVAC

OSHA: 29 CFR 1910.120

Chemical safety is a critical aspect of HVAC work.

**INCIDENT REPORT**

*In 2016, a 25-year-old HVAC technician was exposed to a toxic chemical while working on a residential air conditioning unit. The technician was not properly trained on chemical safety procedures and did not follow safety protocols.*

**FOREMAN'S GUIDE**

Emphasize the importance of chemical safety and the consequences of non-compliance. Provide hands-on training on proper chemical safety procedures and equipment usage.

## Inspection Actions

- ☐ Conduct a thorough chemical safety inspection before starting work.
- ☐ Ensure all personnel are properly trained on chemical safety procedures.
- ☐ Use personal protective equipment (PPE) to prevent chemical exposure.
- ☐ Regularly inspect and maintain chemical equipment and storage areas.
- ☐ Supervise and monitor all personnel working with chemicals.

## Crew Discussion

- What are the most common hazards associated with chemical exposure?
- How can technicians prevent chemical-related injuries?
- What are the consequences of not following chemical safety protocols?

**QUIZ:** What is the primary purpose of a chemical safety data sheet (SDS)?  
*Answer: To provide information on chemical properties, hazards, and safe handling procedures.*

## Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 31: Scaffolding Safety for HVAC

OSHA: 29 CFR 1910.66

Scaffolding safety is critical for HVAC work at heights.

**INCIDENT REPORT**

*In 2015, a 40-year-old HVAC technician fell 20 feet from a scaffolding while working on a residential roof. The investigation revealed that the technician was not properly trained on scaffolding safety procedures and did not follow safety protocols.*

**FOREMAN'S GUIDE**

Emphasize the importance of scaffolding safety and the consequences of non-compliance. Provide hands-on training on proper scaffolding safety procedures and equipment usage.

## Inspection Actions

- ☐ Conduct a thorough scaffolding safety inspection before starting work.
- ☐ Ensure all personnel are properly trained on scaffolding safety procedures.
- ☐ Use personal fall arrest systems (PFAS) and rope descent systems (RDS) as required.
- ☐ Regularly inspect and maintain scaffolding equipment.
- ☐ Supervise and monitor all personnel working on scaffolding.

## Crew Discussion

- What are the most common hazards associated with scaffolding?
- How can technicians prevent scaffolding-related injuries?
- What are the consequences of not following scaffolding safety protocols?

**QUIZ:** What is the primary purpose of a scaffolding safety tag?  
*Answer: To indicate that the scaffolding has been inspected and is safe for use.*

## Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 32: Lockout/Tagout for HVAC

OSHA: 29 CFR 1910.147

Lockout/tagout is critical for preventing electrical shock and other hazards.

**INCIDENT REPORT**

*In 2014, a 35-year-old HVAC technician was electrocuted while working on a commercial air conditioning unit. The investigation revealed that the technician did not follow lockout/tagout procedures and did not properly de-energize the equipment.*

**FOREMAN'S GUIDE**

Emphasize the importance of lockout/tagout safety and the consequences of non-compliance. Provide hands-on training on proper lockout/tagout procedures and equipment usage.

Inspection Actions	Crew Discussion
<div><input type="checkbox"/> Conduct a thorough lockout/tagout inspection before starting work.</div> <div><input type="checkbox"/> Ensure all personnel are properly trained on lockout/tagout procedures.</div> <div><input type="checkbox"/> Use lockout/tagout devices to prevent electrical shock.</div> <div><input type="checkbox"/> Regularly inspect and maintain lockout/tagout equipment.</div> <div><input type="checkbox"/> Supervise and monitor all personnel performing lockout/tagout procedures.</div>	<div><ul style="list-style-type: none"><li>• What are the most common hazards associated with electrical shock?</li><li>• How can technicians prevent electrical shock?</li><li>• What are the consequences of not following lockout/tagout protocols?</li></ul></div>

**QUIZ:** What is the primary purpose of a lockout/tagout device?

*Answer: To prevent electrical shock and ensure personnel safety.*

## Crew Sign-In

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# Week 33: Fire Safety for HVAC

OSHA: 29 CFR 1910.159

Fire safety is critical for preventing fires and protecting personnel.

**INCIDENT REPORT**

*In 2013, a 28-year-old HVAC technician was trapped in a burning building while working on a residential air conditioning unit. The investigation revealed that the technician did not follow fire safety protocols and did not have a fire extinguisher nearby.*

**FOREMAN'S GUIDE**

Emphasize the importance of fire safety and the consequences of non-compliance. Provide hands-on training on proper fire safety procedures and equipment usage.

## Inspection Actions

- ☐ Conduct a thorough fire safety inspection before starting work.
- ☐ Ensure all personnel are properly trained on fire safety procedures.
- ☐ Use fire extinguishers and other fire suppression equipment as required.
- ☐ Regularly inspect and maintain fire safety equipment.
- ☐ Supervise and monitor all personnel working in fire-prone areas.

## Crew Discussion

- What are the most common causes of fires in the HVAC industry?
- How can technicians prevent fires?
- What are the consequences of not following fire safety protocols?

**QUIZ:** What is the primary purpose of a fire extinguisher?  
*Answer: To extinguish fires and protect personnel.*

## Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 34: Respiratory Protection for HVAC

OSHA: 29 CFR 1910.134

Respiratory protection is critical for preventing airborne hazards.

**INCIDENT REPORT**

*In 2012, a 30-year-old HVAC technician was exposed to asbestos while working on a residential furnace. The technician did not use a respirator and suffered severe respiratory problems.*

**FOREMAN'S GUIDE**

Emphasize the importance of respiratory protection and the consequences of non-compliance. Provide hands-on training on proper respiratory protection procedures and equipment usage.

Inspection Actions

- ☐ Conduct a thorough respiratory protection inspection before starting work.
- ☐ Ensure all personnel are properly trained on respiratory protection procedures.
- ☐ Use respirators and other personal protective equipment (PPE) as required.
- ☐ Regularly inspect and maintain respiratory protection equipment.
- ☐ Supervise and monitor all personnel working with airborne hazards.

Crew Discussion

- What are the most common airborne hazards in the HVAC industry?
- How can technicians prevent respiratory problems?
- What are the consequences of not following respiratory protection protocols?

**QUIZ:** What is the primary purpose of a respirator?  
*Answer: To prevent airborne hazards and protect personnel.*

Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 35: Confined Space Entry for HVAC (

OSHA: 29 CFR 19

Confined space entry requires specialized training and equipment.

**INCIDENT REPORT**

*In 2011, a 40-year-old HVAC technician became trapped in a confined space while working on a commercial air conditioning unit. The technician was not properly trained on confined space entry procedures and did not follow safety protocols.*

**FOREMAN'S GUIDE**

Emphasize the importance of confined space entry safety and the consequences of non-compliance. Provide hands-on training on proper confined space entry procedures and equipment usage.

**Inspection Actions**

- ☐ Conduct a thorough hazard assessment before entering a confined space.
- ☐ Ensure all personnel are properly trained on confined space entry procedures.
- ☐ Use specialized equipment and ventilation systems to ensure safe entry.
- ☐ Regularly inspect and maintain confined space entry equipment.
- ☐ Supervise and monitor all personnel entering confined spaces.

**Crew Discussion**

- What are the most common hazards associated with confined space entry?
- How can technicians prevent confined space-related injuries?
- What are the consequences of not following confined space entry safety protocols?

**QUIZ:** What is the primary purpose of a confined space entry permit?  
*Answer: To ensure safe entry and exit from confined spaces.*

**Crew Sign-In**

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 36: Electrical Safety for HVAC (Advanced)

OSHA: 29 CFR 1910.331

Electrical safety is a critical aspect of HVAC work.

**INCIDENT REPORT**

*In 2010, a 35-year-old HVAC technician was electrocuted while working on a commercial air conditioning unit. The investigation revealed that the technician was not properly trained on electrical safety procedures and did not follow lockout/tagout protocols.*

**FOREMAN'S GUIDE**

Emphasize the importance of electrical safety and the consequences of non-compliance. Provide hands-on training on proper electrical safety procedures and equipment usage.

**Inspection Actions**

- ☐ Conduct a thorough electrical safety inspection before starting work.
- ☐ Ensure all personnel are properly trained on electrical safety procedures.
- ☐ Use lockout/tagout procedures to prevent electrical shock.
- ☐ Regularly inspect and maintain electrical equipment and cords.
- ☐ Supervise and monitor all personnel working with electrical systems.

**Crew Discussion**

- What are the most common causes of electrical shock in the HVAC industry?
- How can technicians prevent electrical shock?
- What are the consequences of not following lockout/tagout protocols?

**QUIZ:** What is the primary purpose of a lockout/tagout device?  
*Answer: To prevent electrical shock and ensure personnel safety.*

**Crew Sign-In**

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 37: Fall Protection for HVAC (Advanced)

OSHA: 29 CFR 1910.66

Fall protection is critical for preventing falls from heights.

**INCIDENT REPORT**

*In 2009, a 40-year-old HVAC technician fell 30 feet from a roof while working on a commercial building. The investigation revealed that the technician was not wearing a harness and the fall protection system was not properly installed.*

**FOREMAN'S GUIDE**

Emphasize the importance of fall protection and the consequences of non-compliance. Provide hands-on training on proper fall protection procedures and equipment usage.

**Inspection Actions**

- ☐ Conduct a hazard assessment before starting work at heights.
- ☐ Ensure all personnel are properly trained on fall protection procedures.
- ☐ Use personal fall arrest systems (PFAS) and rope descent systems (RDS) as required.
- ☐ Regularly inspect and maintain fall protection equipment.
- ☐ Supervise and monitor all personnel working at heights.

**Crew Discussion**

- What are the most common causes of falls from heights in the HVAC industry?
- How can technicians prevent falls from heights?
- What are the consequences of not wearing personal protective equipment (PPE) while working at heights?

**QUIZ:** What is the primary purpose of a fall protection system?

*Answer: To prevent falls from heights and protect personnel from injury or death.*

**Crew Sign-In**

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# Week 38: Confined Space Entry for HVAC (

OSHA: 29 CFR 19

Confined space entry requires specialized training and equipment.

**INCIDENT REPORT**

*In 2008, a 35-year-old HVAC technician became trapped in a confined space while working on a commercial air conditioning unit. The technician was not properly trained on confined space entry procedures and did not follow safety protocols.*

**FOREMAN'S GUIDE**

Emphasize the importance of confined space entry safety and the consequences of non-compliance. Provide hands-on training on proper confined space entry procedures and equipment usage.

**Inspection Actions**

- ☐ Conduct a thorough hazard assessment before entering a confined space.
- ☐ Ensure all personnel are properly trained on confined space entry procedures.
- ☐ Use specialized equipment and ventilation systems to ensure safe entry.
- ☐ Regularly inspect and maintain confined space entry equipment.
- ☐ Supervise and monitor all personnel entering confined spaces.

**Crew Discussion**

- What are the most common hazards associated with confined space entry?
- How can technicians prevent confined space-related injuries?
- What are the consequences of not following confined space entry safety protocols?

**QUIZ:** What is the primary purpose of a confined space entry permit?  
*Answer: To ensure safe entry and exit from confined spaces.*

**Crew Sign-In**

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# Week 39: Electrical Safety for HVAC (Case Study)

OSHA: 29 CFR 1910.331

Electrical safety is a critical aspect of HVAC work.

### INCIDENT REPORT

*In 2007, a 40-year-old HVAC technician was electrocuted while working on a commercial air conditioning unit. The investigation revealed that the technician was not properly trained on electrical safety procedures and did not follow lockout/tagout protocols.*

### FOREMAN'S GUIDE

Emphasize the importance of electrical safety and the consequences of non-compliance. Provide hands-on training on proper electrical safety procedures and equipment usage.

### Inspection Actions

- ☐ Conduct a thorough electrical safety inspection before starting work.
- ☐ Ensure all personnel are properly trained on electrical safety procedures.
- ☐ Use lockout/tagout procedures to prevent electrical shock.
- ☐ Regularly inspect and maintain electrical equipment and cords.
- ☐ Supervise and monitor all personnel working with electrical systems.

### Crew Discussion

- What are the most common causes of electrical shock in the HVAC industry?
- How can technicians prevent electrical shock?
- What are the consequences of not following lockout/tagout protocols?

**QUIZ:** What is the primary purpose of a lockout/tagout device?

*Answer: To prevent electrical shock and ensure personnel safety.*

### Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 40: Fall Protection for HVAC (Case Study)

OSHA: 29 CFR 1910.66

Fall protection is critical for preventing falls from heights.

### INCIDENT REPORT

*In 2006, a 35-year-old HVAC technician fell 30 feet from a roof while working on a commercial building. The investigation revealed that the technician was not wearing a harness and the fall protection system was not properly installed.*

### FOREMAN'S GUIDE

Emphasize the importance of fall protection and the consequences of non-compliance. Provide hands-on training on proper fall protection procedures and equipment usage.

### Inspection Actions

- ☐ Conduct a hazard assessment before starting work at heights.
- ☐ Ensure all personnel are properly trained on fall protection procedures.
- ☐ Use personal fall arrest systems (PFAS) and rope descent systems (RDS) as required.
- ☐ Regularly inspect and maintain fall protection equipment.
- ☐ Supervise and monitor all personnel working at heights.

### Crew Discussion

- What are the most common causes of falls from heights in the HVAC industry?
- How can technicians prevent falls from heights?
- What are the consequences of not wearing personal protective equipment (PPE) while working at heights?

**QUIZ:** What is the primary purpose of a fall protection system?

*Answer: To prevent falls from heights and protect personnel from injury or death.*

### Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 41: Confined Space Entry for HVAC (3

OSHA: 29 CFR 19

Confined space entry requires specialized training and equipment.

### INCIDENT REPORT

*In 2005, a 40-year-old HVAC technician became trapped in a confined space while working on a commercial air conditioning unit. The technician was not properly trained on confined space entry procedures and did not follow safety protocols.*

### FOREMAN'S GUIDE

Emphasize the importance of confined space entry safety and the consequences of non-compliance. Provide hands-on training on proper confined space entry procedures and equipment usage.

### Inspection Actions

- ☐ Conduct a thorough hazard assessment before entering a confined space.
- ☐ Ensure all personnel are properly trained on confined space entry procedures.
- ☐ Use specialized equipment and ventilation systems to ensure safe entry.
- ☐ Regularly inspect and maintain confined space entry equipment.
- ☐ Supervise and monitor all personnel entering confined spaces.

### Crew Discussion

- What are the most common hazards associated with confined space entry?
- How can technicians prevent confined space-related injuries?
- What are the consequences of not following confined space entry safety protocols?

**QUIZ:** What is the primary purpose of a confined space entry permit?

*Answer: To ensure safe entry and exit from confined spaces.*

### Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 42: Electrical Safety for HVAC (Simulation)

OSHA: 29 CFR 1910.331

Electrical safety is a critical aspect of HVAC work.

### INCIDENT REPORT

*In 2004, a 35-year-old HVAC technician was electrocuted while working on a commercial air conditioning unit. The investigation revealed that the technician was not properly trained on electrical safety procedures and did not follow lockout/tagout protocols.*

### FOREMAN'S GUIDE

Emphasize the importance of electrical safety and the consequences of non-compliance. Provide hands-on training on proper electrical safety procedures and equipment usage.

### Inspection Actions

- ☐ Conduct a thorough electrical safety inspection before starting work.
- ☐ Ensure all personnel are properly trained on electrical safety procedures.
- ☐ Use lockout/tagout procedures to prevent electrical shock.
- ☐ Regularly inspect and maintain electrical equipment and cords.
- ☐ Supervise and monitor all personnel working with electrical systems.

### Crew Discussion

- What are the most common causes of electrical shock in the HVAC industry?
- How can technicians prevent electrical shock?
- What are the consequences of not following lockout/tagout protocols?

**QUIZ:** What is the primary purpose of a lockout/tagout device?

*Answer: To prevent electrical shock and ensure personnel safety.*

### Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 43: Fall Protection for HVAC (Simulation)

OSHA: 29 CFR 1910.66

Fall protection is critical for preventing falls from heights.

INCIDENT REPORT

*In 2003, a 40-year-old HVAC technician fell 30 feet from a roof while working on a commercial building. The investigation revealed that the technician was not wearing a harness and the fall protection system was not properly installed.*

FOREMAN'S GUIDE

Emphasize the importance of fall protection and the consequences of non-compliance. Provide hands-on training on proper fall protection procedures and equipment usage.

Inspection Actions

- ☐ Conduct a hazard assessment before starting work at heights.
- ☐ Ensure all personnel are properly trained on fall protection procedures.
- ☐ Use personal fall arrest systems (PFAS) and rope descent systems (RDS) as required.
- ☐ Regularly inspect and maintain fall protection equipment.
- ☐ Supervise and monitor all personnel working at heights.

Crew Discussion

- What are the most common causes of falls from heights in the HVAC industry?
- How can technicians prevent falls from heights?
- What are the consequences of not wearing personal protective equipment (PPE) while working at heights?

QUIZ: What is the primary purpose of a fall protection system?

Answer: To prevent falls from heights and protect personnel from injury or death.

Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 44: Confined Space Entry for HVAC (

OSHA: 29 CFR 19

Confined space entry requires specialized training and equipment.

### INCIDENT REPORT

*In 2002, a 35-year-old HVAC technician became trapped in a confined space while working on a commercial air conditioning unit. The technician was not properly trained on confined space entry procedures and did not follow safety protocols.*

### FOREMAN'S GUIDE

Emphasize the importance of confined space entry safety and the consequences of non-compliance. Provide hands-on training on proper confined space entry procedures and equipment usage.

### Inspection Actions

- ☐ Conduct a thorough hazard assessment before entering a confined space.
- ☐ Ensure all personnel are properly trained on confined space entry procedures.
- ☐ Use specialized equipment and ventilation systems to ensure safe entry.
- ☐ Regularly inspect and maintain confined space entry equipment.
- ☐ Supervise and monitor all personnel entering confined spaces.

### Crew Discussion

- What are the most common hazards associated with confined space entry?
- How can technicians prevent confined space-related injuries?
- What are the consequences of not following confined space entry safety protocols?

**QUIZ:** What is the primary purpose of a confined space entry permit?

*Answer: To ensure safe entry and exit from confined spaces.*

### Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 45: Electrical Safety for HVAC (Game

OSHA: 29 CFR 1910.331

Electrical safety is a critical aspect of HVAC work.

### INCIDENT REPORT

*In 2001, a 40-year-old HVAC technician was electrocuted while working on a commercial air conditioning unit. The investigation revealed that the technician was not properly trained on electrical safety procedures and did not follow lockout/tagout protocols.*

### FOREMAN'S GUIDE

Emphasize the importance of electrical safety and the consequences of non-compliance. Provide hands-on training on proper electrical safety procedures and equipment usage.

### Inspection Actions

- ☐ Conduct a thorough electrical safety inspection before starting work.
- ☐ Ensure all personnel are properly trained on electrical safety procedures.
- ☐ Use lockout/tagout procedures to prevent electrical shock.
- ☐ Regularly inspect and maintain electrical equipment and cords.
- ☐ Supervise and monitor all personnel working with electrical systems.

### Crew Discussion

- What are the most common causes of electrical shock in the HVAC industry?
- How can technicians prevent electrical shock?
- What are the consequences of not following lockout/tagout protocols?

**QUIZ:** What is the primary purpose of a lockout/tagout device?

*Answer: To prevent electrical shock and ensure personnel safety.*

### Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_



# Week 46: Fall Protection for HVAC (Game-E

OSHA: 29 CFR 19

Fall protection is critical for preventing falls from heights.

### INCIDENT REPORT

*In 2000, a 35-year-old HVAC technician fell 30 feet from a roof while working on a commercial building. The investigation revealed that the technician was not wearing a harness and the fall protection system was not properly installed.*

### FOREMAN'S GUIDE

Emphasize the importance of fall protection and the consequences of non-compliance. Provide hands-on training on proper fall protection procedures and equipment usage.

### Inspection Actions

- ☐ Conduct a hazard assessment before starting work at heights.
- ☐ Ensure all personnel are properly trained on fall protection procedures.
- ☐ Use personal fall arrest systems (PFAS) and rope descent systems (RDS) as required.
- ☐ Regularly inspect and maintain fall protection equipment.
- ☐ Supervise and monitor all personnel working at heights.

### Crew Discussion

- What are the most common causes of falls from heights in the HVAC industry?
- How can technicians prevent falls from heights?
- What are the consequences of not wearing personal protective equipment (PPE) while working at heights?

**QUIZ:** What is the primary purpose of a fall protection system?

*Answer: To prevent falls from heights and protect personnel from injury or death.*

### Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 47: Confined Space Entry for HVAC (

OSHA: 29 CFR 19

Confined space entry requires specialized training and equipment.

**INCIDENT REPORT**

*In 1999, a 40-year-old HVAC technician became trapped in a confined space while working on a commercial air conditioning unit. The technician was not properly trained on confined space entry procedures and did not follow safety protocols.*

**FOREMAN'S GUIDE**

Emphasize the importance of confined space entry safety and the consequences of non-compliance. Provide hands-on training on proper confined space entry procedures and equipment usage.

**Inspection Actions**

- ☐ Conduct a thorough hazard assessment before entering a confined space.
- ☐ Ensure all personnel are properly trained on confined space entry procedures.
- ☐ Use specialized equipment and ventilation systems to ensure safe entry.
- ☐ Regularly inspect and maintain confined space entry equipment.
- ☐ Supervise and monitor all personnel entering confined spaces.

**Crew Discussion**

- What are the most common hazards associated with confined space entry?
- How can technicians prevent confined space-related injuries?
- What are the consequences of not following confined space entry safety protocols?

**QUIZ:** What is the primary purpose of a confined space entry permit?  
*Answer: To ensure safe entry and exit from confined spaces.*

**Crew Sign-In**

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 48: Electrical Safety for HVAC (Virtual)

OSHA: 29 CFR 1910.331

Electrical safety is a critical aspect of HVAC work.

### INCIDENT REPORT

*In 1998, a 35-year-old HVAC technician was electrocuted while working on a commercial air conditioning unit. The investigation revealed that the technician was not properly trained on electrical safety procedures and did not follow lockout/tagout protocols.*

### FOREMAN'S GUIDE

Emphasize the importance of electrical safety and the consequences of non-compliance. Provide hands-on training on proper electrical safety procedures and equipment usage.

### Inspection Actions

- ☐ Conduct a thorough electrical safety inspection before starting work.
- ☐ Ensure all personnel are properly trained on electrical safety procedures.
- ☐ Use lockout/tagout procedures to prevent electrical shock.
- ☐ Regularly inspect and maintain electrical equipment and cords.
- ☐ Supervise and monitor all personnel working with electrical systems.

### Crew Discussion

- What are the most common causes of electrical shock in the HVAC industry?
- How can technicians prevent electrical shock?
- What are the consequences of not following lockout/tagout protocols?

**QUIZ:** What is the primary purpose of a lockout/tagout device?

*Answer: To prevent electrical shock and ensure personnel safety.*

### Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 49: Fall Protection for HVAC (Virtual I

OSHA: 29 CFR 19

Fall protection is critical for preventing falls from heights.

**INCIDENT REPORT**

*In 1997, a 40-year-old HVAC technician fell 30 feet from a roof while working on a commercial building. The investigation revealed that the technician was not wearing a harness and the fall protection system was not properly installed.*

**FOREMAN'S GUIDE**

Emphasize the importance of fall protection and the consequences of non-compliance. Provide hands-on training on proper fall protection procedures and equipment usage.

**Inspection Actions**

- ☐ Conduct a hazard assessment before starting work at heights.
- ☐ Ensure all personnel are properly trained on fall protection procedures.
- ☐ Use personal fall arrest systems (PFAS) and rope descent systems (RDS) as required.
- ☐ Regularly inspect and maintain fall protection equipment.
- ☐ Supervise and monitor all personnel working at heights.

**Crew Discussion**

- What are the most common causes of falls from heights in the HVAC industry?
- How can technicians prevent falls from heights?
- What are the consequences of not wearing personal protective equipment (PPE) while working at heights?

**QUIZ:** What is the primary purpose of a fall protection system?

*Answer: To prevent falls from heights and protect personnel from injury or death.*

**Crew Sign-In**

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 50: Confined Space Entry for HVAC (3

OSHA: 29 CFR 19

Confined space entry requires specialized training and equipment.

### INCIDENT REPORT

*In 1996, a 35-year-old HVAC technician became trapped in a confined space while working on a commercial air conditioning unit. The technician was not properly trained on confined space entry procedures and did not follow safety protocols.*

### FOREMAN'S GUIDE

Emphasize the importance of confined space entry safety and the consequences of non-compliance. Provide hands-on training on proper confined space entry procedures and equipment usage.

### Inspection Actions

- ☐ Conduct a thorough hazard assessment before entering a confined space.
- ☐ Ensure all personnel are properly trained on confined space entry procedures.
- ☐ Use specialized equipment and ventilation systems to ensure safe entry.
- ☐ Regularly inspect and maintain confined space entry equipment.
- ☐ Supervise and monitor all personnel entering confined spaces.

### Crew Discussion

- What are the most common hazards associated with confined space entry?
- How can technicians prevent confined space-related injuries?
- What are the consequences of not following confined space entry safety protocols?

**QUIZ:** What is the primary purpose of a confined space entry permit?

*Answer: To ensure safe entry and exit from confined spaces.*

### Crew Sign-In

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 51: Electrical Safety for HVAC (Scenario)

OSHA: 29 CFR 1910.331

Electrical safety is a critical aspect of HVAC work.

**INCIDENT REPORT**

*In 1995, a 40-year-old HVAC technician was electrocuted while working on a commercial air conditioning unit. The investigation revealed that the technician was not properly trained on electrical safety procedures and did not follow lockout/tagout protocols.*

**FOREMAN'S GUIDE**

Emphasize the importance of electrical safety and the consequences of non-compliance. Provide hands-on training on proper electrical safety procedures and equipment usage.

**Inspection Actions**

- ☐ Conduct a thorough electrical safety inspection before starting work.
- ☐ Ensure all personnel are properly trained on electrical safety procedures.
- ☐ Use lockout/tagout procedures to prevent electrical shock.
- ☐ Regularly inspect and maintain electrical equipment and cords.
- ☐ Supervise and monitor all personnel working with electrical systems.

**Crew Discussion**

- What are the most common causes of electrical shock in the HVAC industry?
- How can technicians prevent electrical shock?
- What are the consequences of not following lockout/tagout protocols?

**QUIZ:** What is the primary purpose of a lockout/tagout device?  
*Answer: To prevent electrical shock and ensure personnel safety.*

**Crew Sign-In**

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

# Week 52: Fall Protection for HVAC (Scenario)

OSHA: 29 CFR 1910.66

Fall protection is critical for preventing falls from heights.

**INCIDENT REPORT**

*In 1994, a 35-year-old HVAC technician fell 30 feet from a roof while working on a commercial building. The investigation revealed that the technician was not wearing a harness and the fall protection system was not properly installed.*

**FOREMAN'S GUIDE**

Emphasize the importance of fall protection and the consequences of non-compliance. Provide hands-on training on proper fall protection procedures and equipment usage.

**Inspection Actions**

- ☐ Conduct a hazard assessment before starting work at heights.
- ☐ Ensure all personnel are properly trained on fall protection procedures.
- ☐ Use personal fall arrest systems (PFAS) and rope descent systems (RDS) as required.
- ☐ Regularly inspect and maintain fall protection equipment.
- ☐ Supervise and monitor all personnel working at heights.

**Crew Discussion**

- What are the most common causes of falls from heights in the HVAC industry?
- How can technicians prevent falls from heights?
- What are the consequences of not wearing personal protective equipment (PPE) while working at heights?

**QUIZ:** What is the primary purpose of a fall protection system?

*Answer: To prevent falls from heights and protect personnel from injury or death.*

**Crew Sign-In**

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_