

# Infection Control Assessment and Response

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# Objectives

## **By the end of this session participants will be able to:**

- Utilize infection control and assessment documents.
- Identify common gaps in infection prevention and control.
- Articulate where to find resources for infection prevention and control.

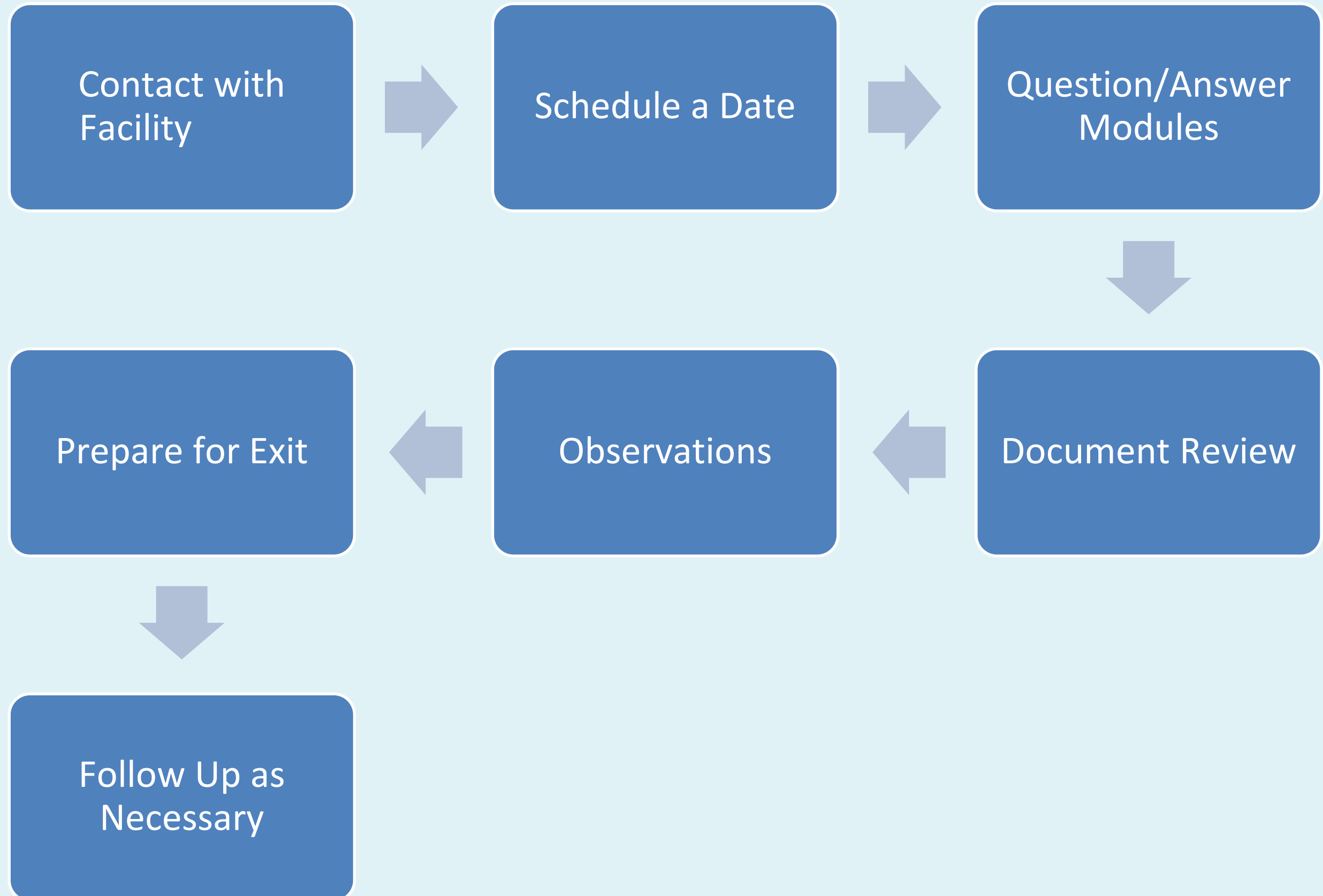
# Background and History

- Infection Control Assessment and Response (ICAR) began as a result of the Ebola crisis.
- Initial assessment tools were developed for acute care facilities.
- Assessments can be conducted in:
  - Acute care.
  - Long-term care.
  - Long-term Acute care.
  - Behavioral Health facilities
  - Dialysis.
  - Ambulatory surgery centers.
  - Outpatient facilities.
  - Dental offices.

# Goals of the ICAR Program

- Assess infection prevention practices.
- Guide and focus quality improvement activities.
- Internal quality improvement audits.
- Assist with outbreaks.
- Encourage collaboration.
- Develop and enhance partnerships
- Standardize training and processes.

# The Process



# ICAR Modules

- Module 1-Training, Audit, Feedback
- Module 2- Hand Hygiene
- Module 3- Transmission-Based Precautions
- Module 4- Environmental Services
- Module 5- High-level Disinfection and Sterilization
- Module 6- Injection Safety
- Module 7- Point of Care Testing
- Module 8- Wound Care
- Module 9- Healthcare Laundry
- Module 10- Antibiotic Stewardship
- Module 11- Water Exposure

# Words to Remember

When all domains are present and practiced consistently, the risks of infection is reduced among residents and healthcare personnel.

# Case Scenario

- You are a member of the ICAR team.
- You are using Module 6-Injection Safety Part B. Injection Safety Facility Observations of the assessment and are beginning your observations.
- Your first stop is the nursing station.
- What are the infection control gaps?



# Case Scenario (cont'd)



# Case Scenario (cont'd)



# Observations-Hand Hygiene

- Hand hygiene reduces:
  - the spread of potential deadly germs to patients.
  - the risk of healthcare provider colonization or infections caused by germs acquired from the patient.

While on-site, you have conducted observations for hand hygiene and recorded your findings on the collection tool. It is time to calculate the percentage of compliance.



# Observations-Hand Hygiene (cont'd)

Observer: \_\_\_\_\_ Date: \_\_\_\_\_

Location (Unit or Wing)	Position	Before touching a patient		Before clean aseptic procedure		After body fluid exposure risk		After touching a patient		After touching patient surroundings	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
A Wing	Nursing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Activities	CAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Wing	CAN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C Wing	Nursing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Activities	Nursing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A Wing	Nursing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A Wing	Env.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C Wing	Physician	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Wing	Nursing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Activities	Nursing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Activities	Physician	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Wing	Nursing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Wing	Env.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A Wing	Nursing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
C Wing	Physician	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
C Wing	Env.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Activities	Nursing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT	PT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT	PT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Wing	Nursing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

To calculate hand hygiene rate:

(A) Total Number of times Hand Hygiene was performed ('yes'): \_\_\_\_\_

(B) Total Number of Opportunities for Hand Hygiene ('yes' + 'no'): \_\_\_\_\_

(A ÷ B) X 100 = Percentage: \_\_\_\_\_

And the answer is...

**74%**

# Observations-Patient Exam Room

- You are now conducting observations in the patient exam room.  
What do you see?

# Observations-Patient Exam Room (cont'd)



**Show Me The Answers**

# Observations-Patient Exam Room (cont'd)





# Additional Infection Control Gaps

- In addition to the gaps just identified at the nursing station and in the exam room, you also identified the following:
  - A saline bag was not labeled and being used by the nurse to draw up “flush” syringes.
  - The facility does not have a competency and training program for new healthcare personnel staff.
  - A sink right next to the area where the saline bags are kept and accessed.
  - The facility does not have any written policies.

Let's review and document our findings on the ICAR assessment tool.

Module 6 Injection Safety

# Education and Training

- While you are on-site, it is important to provide recommendations and education where applicable.

Injection Safety Video: [www.youtube.com/watch?v=uiBoFZZVcLI](http://www.youtube.com/watch?v=uiBoFZZVcLI)

# Education and Training

The CDC and Project Firstline materials are great resources.

For this assessment, the following education resources would be provided:

CDC:

[Core Infection Prevention and Control Practices for Safe Healthcare Delivery in All Settings](#)

[Hand Hygiene for Healthcare Providers](#)

Videos: [Hand Hygiene Education Courses](#)

[Injection Safety](#)

[Injection Safety Frequently Asked Questions](#)

Videos: [Multi-Dose Vaccine Vial Injection Safety Tips](#)

[Check Your Steps! Make Every Injection Safe](#)

[Project Firstline Infection Control Training](#)

[Project Firstline Interactive Tools](#)

[OSHA:](#)

[Contaminated Sharps Discarding and Containment](#)

## Scenario (cont'd)

- The ICAR assessment is complete. After you return to the office, you gather the team together to discuss your findings and to determine next steps.
- Will there be a patient notification? Stay tuned...

- **CDC's Core Infection Prevention and Control Practices**
  - [www.cdc.gov/hicpac/recommendations/core-practices.html](http://www.cdc.gov/hicpac/recommendations/core-practices.html)
- **Project Firstline**
  - [www.cdc.gov/infectioncontrol/projectfirstline/index.html](http://www.cdc.gov/infectioncontrol/projectfirstline/index.html)
  - [www.cdc.gov/infectioncontrol/projectfirstline/healthcare/interactive.html](http://www.cdc.gov/infectioncontrol/projectfirstline/healthcare/interactive.html)
- **Hand Hygiene**
  - [www.cdc.gov/handhygiene/index.html](http://www.cdc.gov/handhygiene/index.html)
  - [www.cdc.gov/handhygiene/providers/training/index.html](http://www.cdc.gov/handhygiene/providers/training/index.html)
  - [drive.google.com/file/d/1n5nm-tI-z1tr3SBiqwAs5IP9MCKIOsn/view?usp=drive link](https://drive.google.com/file/d/1n5nm-tI-z1tr3SBiqwAs5IP9MCKIOsn/view?usp=drive_link)
  - [oeps.wv.gov/hai/Documents/LHD/WV Hand Hygiene Observation Tool.pdf](http://oeps.wv.gov/hai/Documents/LHD/WV_Hand_Hygiene_Observation_Tool.pdf)
- **ICAR Module 6 Injection Safety**
  - [www.cdc.gov/hai/prevent/infection-control-assessment-tools.html](http://www.cdc.gov/hai/prevent/infection-control-assessment-tools.html)  
Assessment and Response (ICAR) Tool for General Infection Prevention and Control (IPC) Across Settings

- **Safe Injection Practice**
  - [www.cdc.gov/injectionsafety/index.html](http://www.cdc.gov/injectionsafety/index.html)
  - [www.cdc.gov/injectionsafety/providers/provider\\_faqs.html](http://www.cdc.gov/injectionsafety/providers/provider_faqs.html)
  - **Injection Safety Videos**
    - [www.youtube.com/watch?v=RDH5UH8M07c](http://www.youtube.com/watch?v=RDH5UH8M07c)
    - [www.youtube.com/watch?v=uiboFZZVcLI](http://www.youtube.com/watch?v=uiboFZZVcLI)
- **OSHA**
  - [www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1030#1910.1030\(d\)\(4\)\(iii\)\(A\)\(1\)](http://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1030#1910.1030(d)(4)(iii)(A)(1))

# Contact Information



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