

# RC Drilling Operations

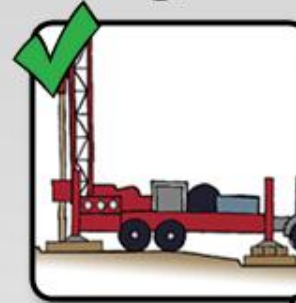
## Slide Show Sample

# *In this presentation on Reverse Circulation Drilling, we consider:*

Licences,  
Certification  
and  
Preliminaries



Planning  
and  
Setting Up



Personal  
Protective  
Equipment



Safe Work  
Practices/  
Rules



Equipment  
Safety



Handling  
Drilling  
Rods



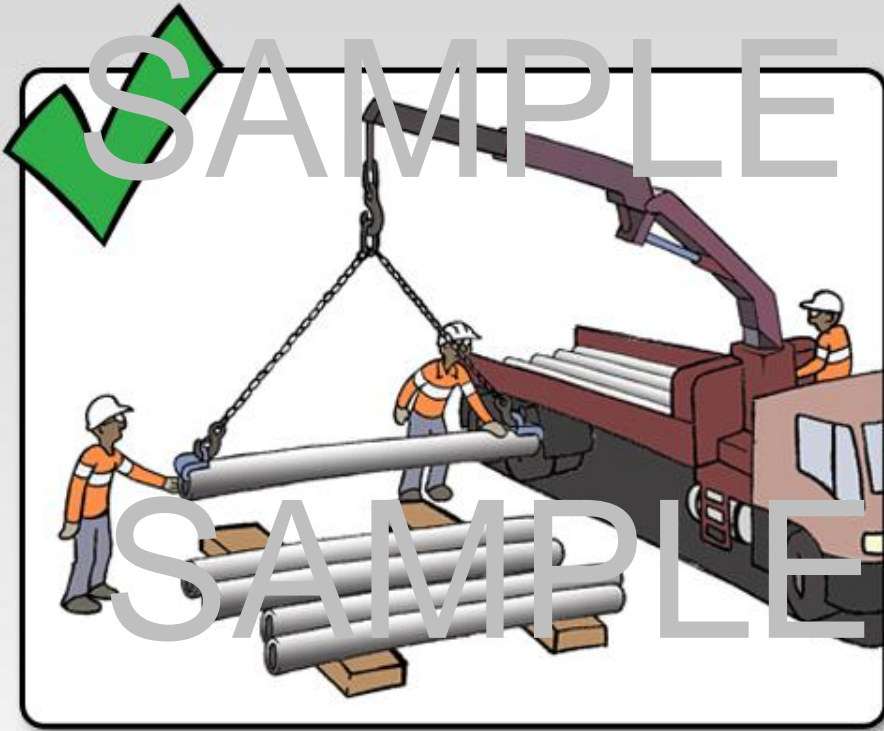
General  
Operations



In this sample, we look at the chapter on handling drilling rods and casings.

We consider:

- Loading and unloading
- Safe storage
- Installing rods and casings on drill rigs
- Joining drill rods and casings
- Dangers posed by rotating drill rods



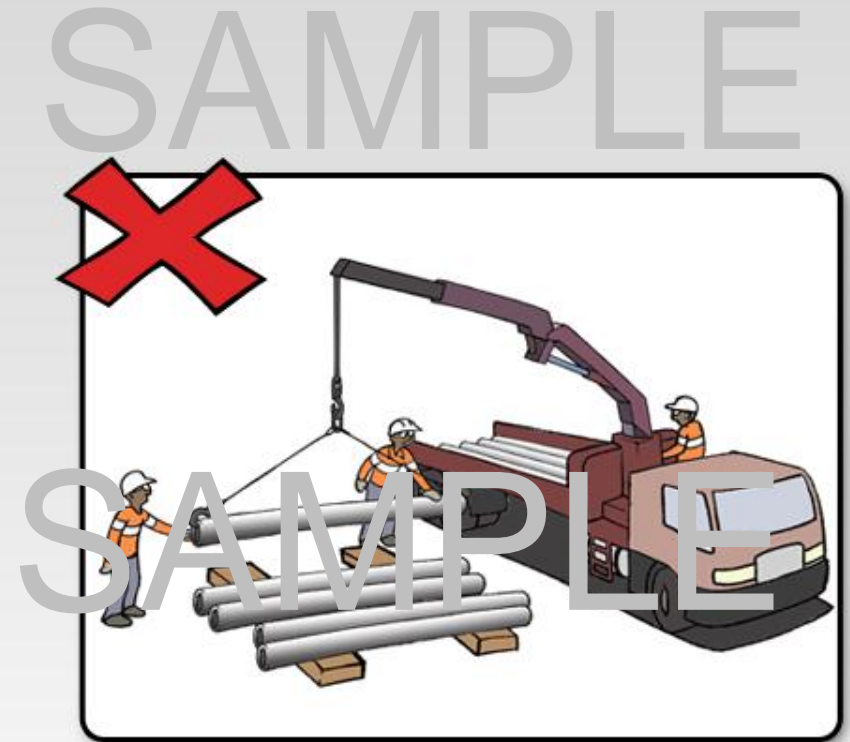
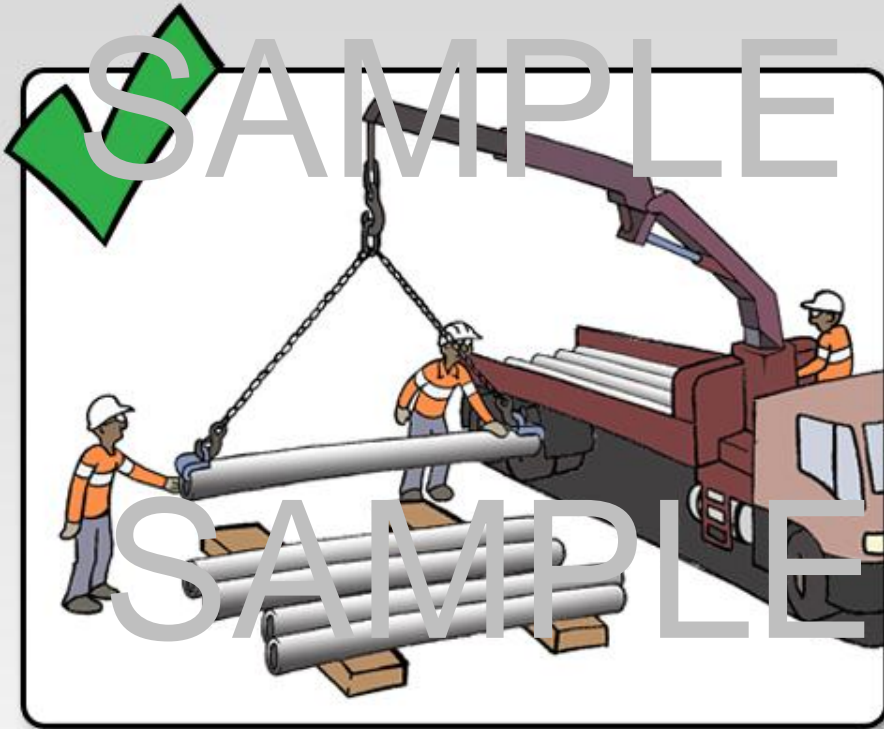
SAMPLE

SAMPLE

©Experteyes

### ***Rod and Casing Handling:***

- Follow site procedures for handling rods and casings
- Use chain slings with pipe clamps (not open hooks)



©Experteyes

### ***Rod and Casing Handling:***

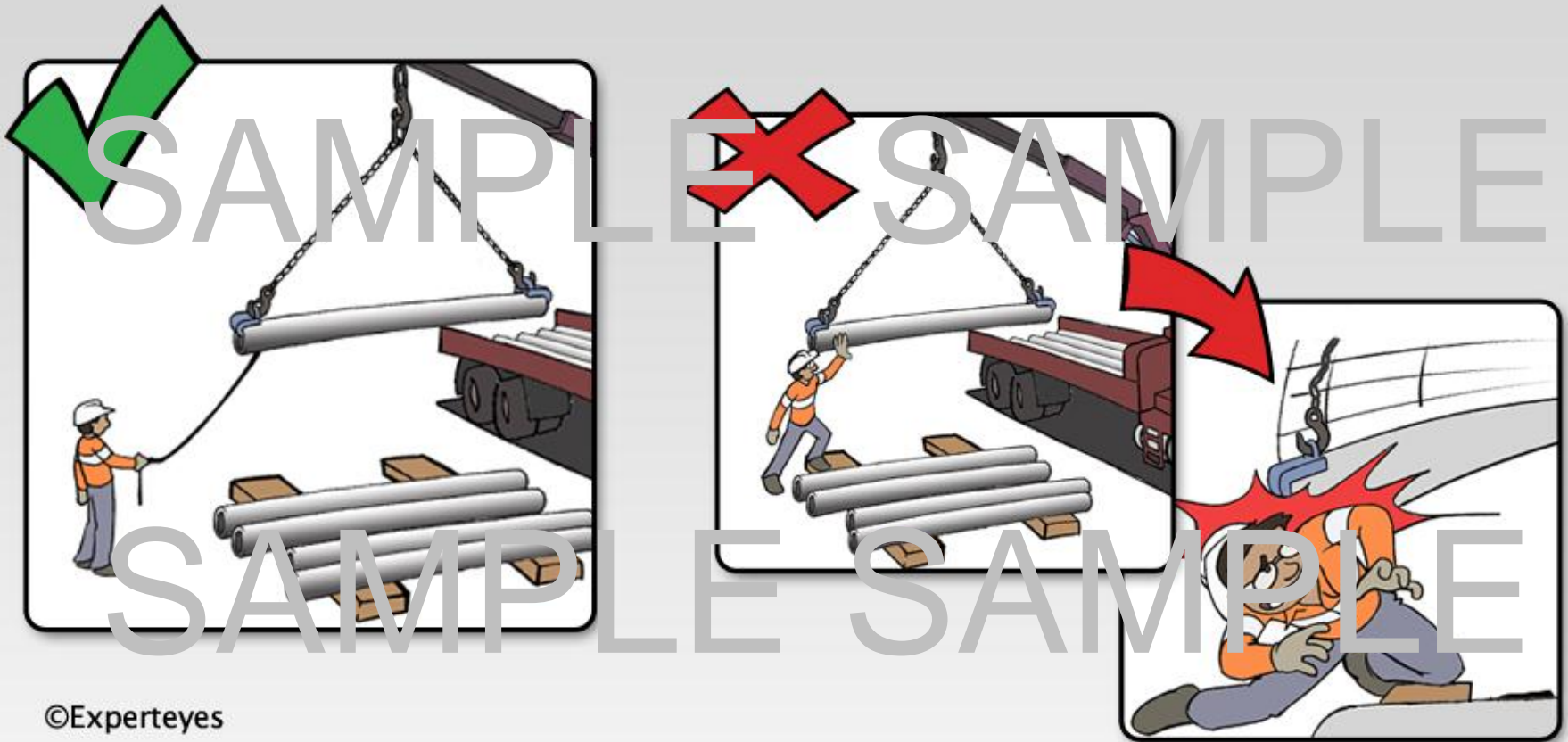
- Follow site procedures for handling rods and casings
- Use chain slings with pipe clamps (not open hooks)
- Keep included angle of sling at approximately 90 degrees



©Experteyes

### ***Rod and Casing Handling:***

- Follow site procedures for handling rods and casings
- Stay out of the fall zone of the suspended load
- Use a tag line for control

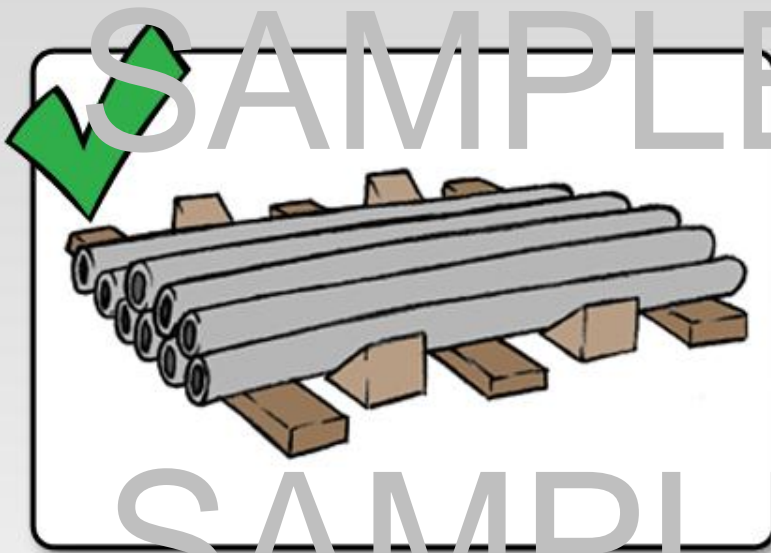


©Experteyes

### ***Rod and Casing Handling:***

- Follow site procedures for handling rods and casings
- Stay out of the fall zone of the suspended load
- Use a tag line for control

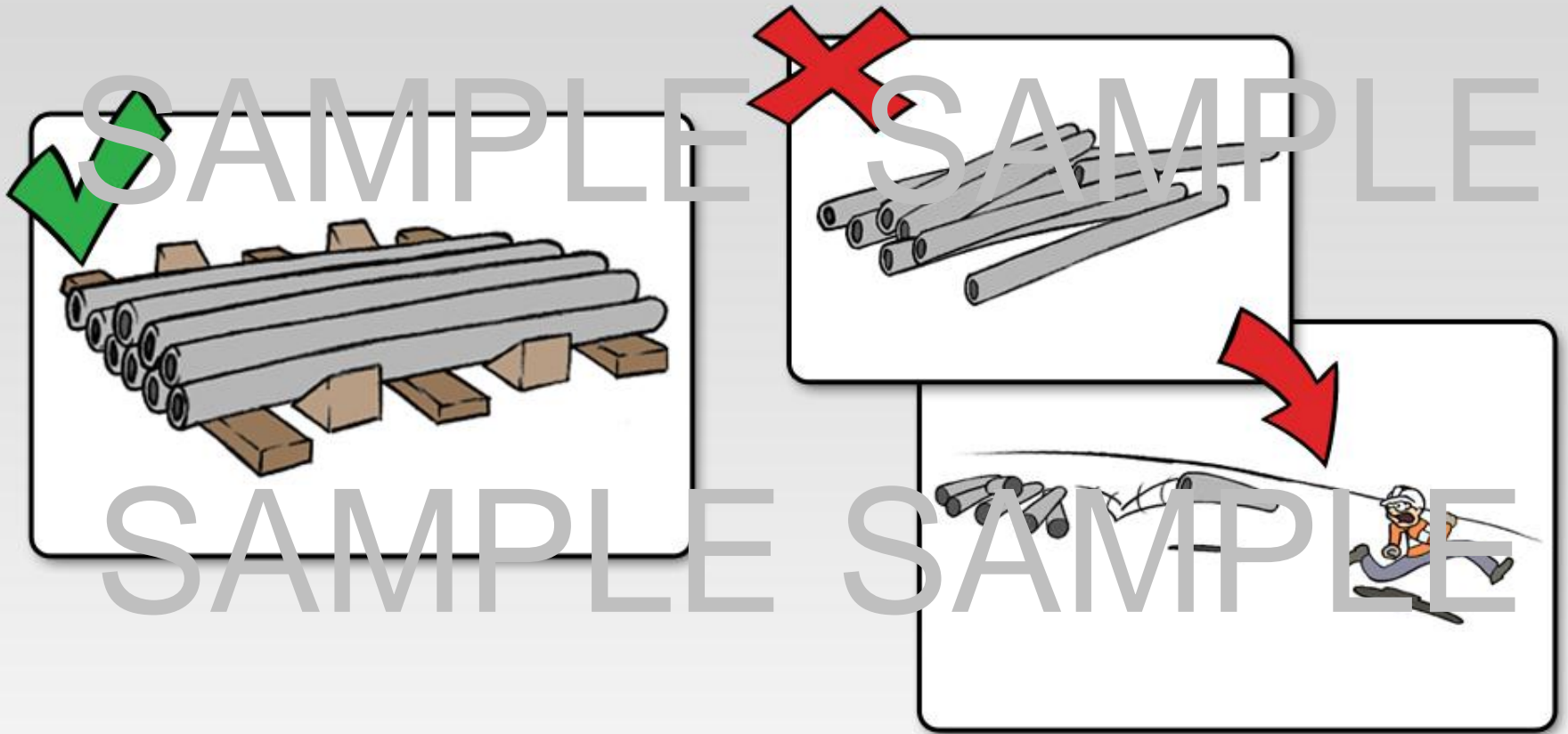
***Assume suspended loads will fall, sometimes they do!***



©Experteyes

### ***Storing Rods and Casings:***

- Follow site procedures for storing rods and casings
- Stack rods and casings correctly on dunnage



©Experteyes

### ***Storing Rods and Casings:***

- Follow site procedures for storing rods and casings
- Stack rods and casings correctly on dunnage
- Correctly chock rods and casings



SAMPLE SAMPLE

SAMPLE SAMPLE

©Experteyes

### ***Installing Rods and Casings on Rigs:***

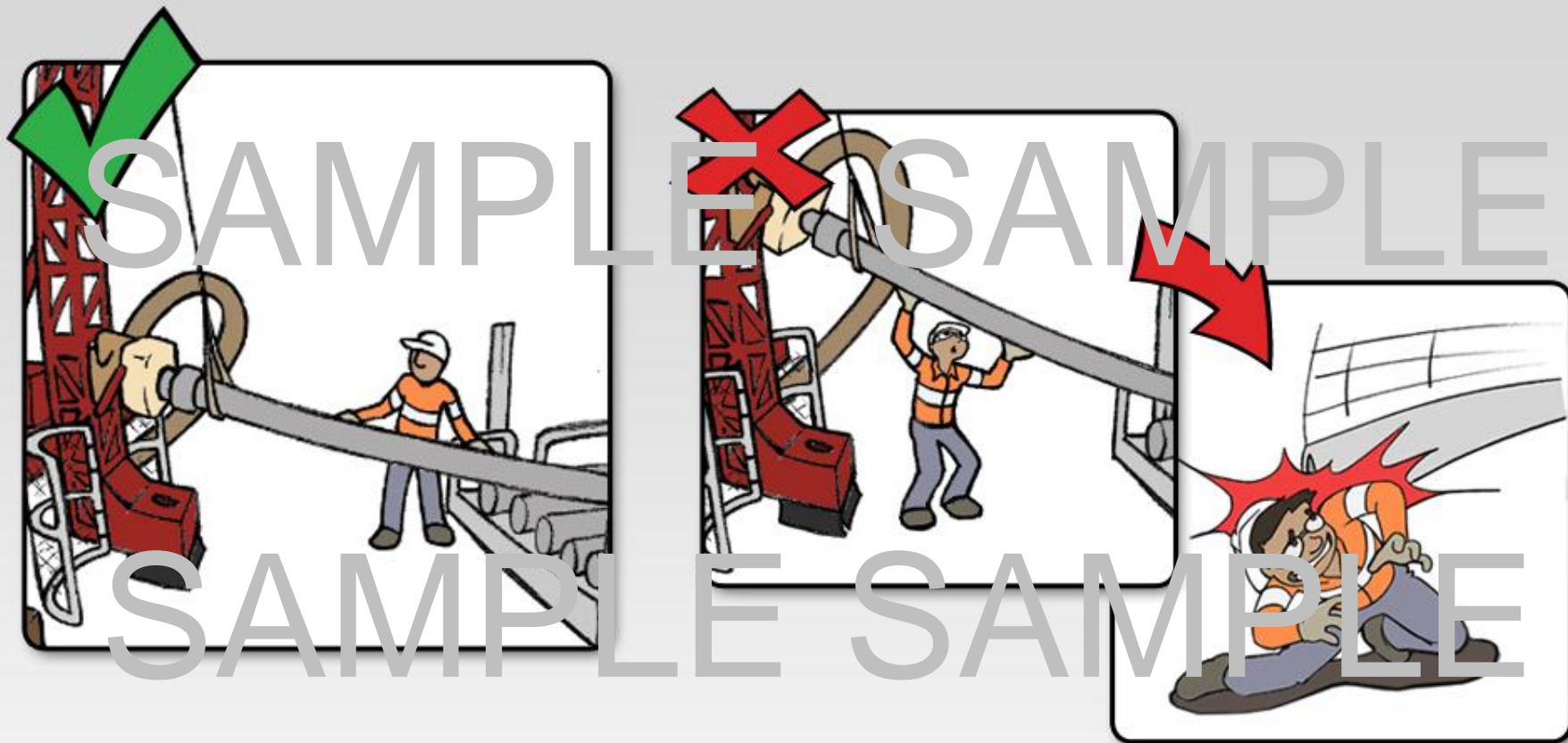
- Follow your site procedures particular to the Rig design
- Lift using the winch on the mast/ other means



©Experteyes

### ***Installing Rods and Casings on Rigs:***

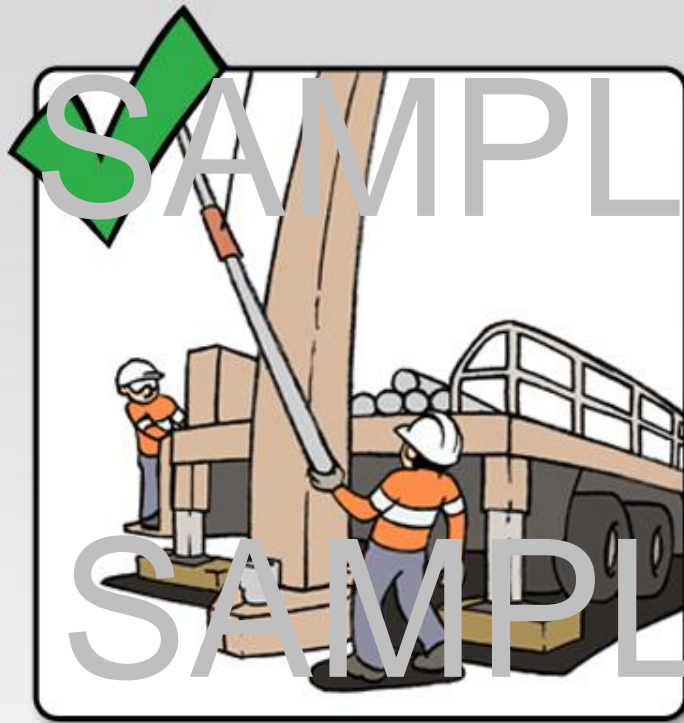
- Follow your site procedures particular to the Rig design
- Lift using the winch on the mast/ other means
- Stay out from under suspended drill rods and casings



©Experteyes

### ***Installing Rods and Casings on Rigs:***

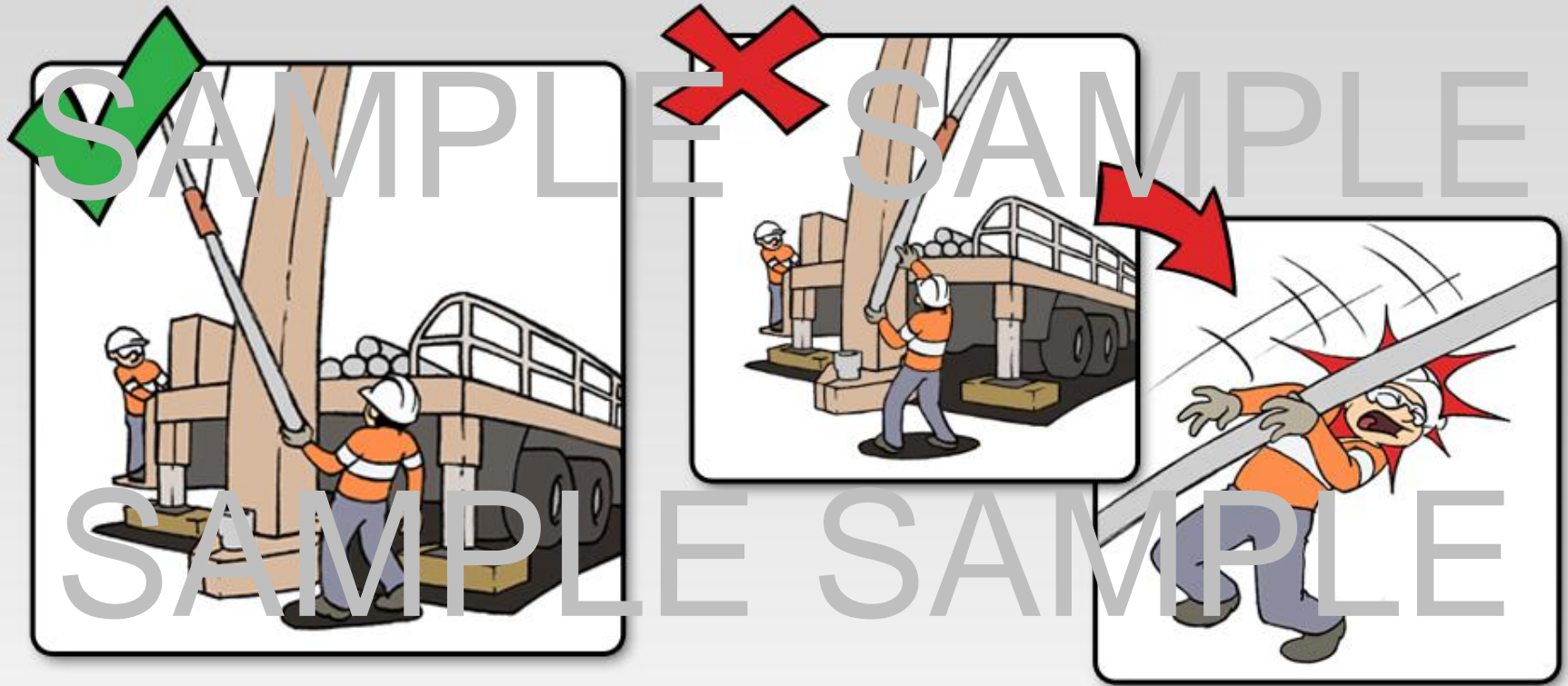
- Follow your site procedures particular to the Rig design
- Lift using the winch on the mast/ other means
- Stay out from under suspended drill rods and casings



©Experteyes

### ***Installing Rods and Casings on Rigs:***

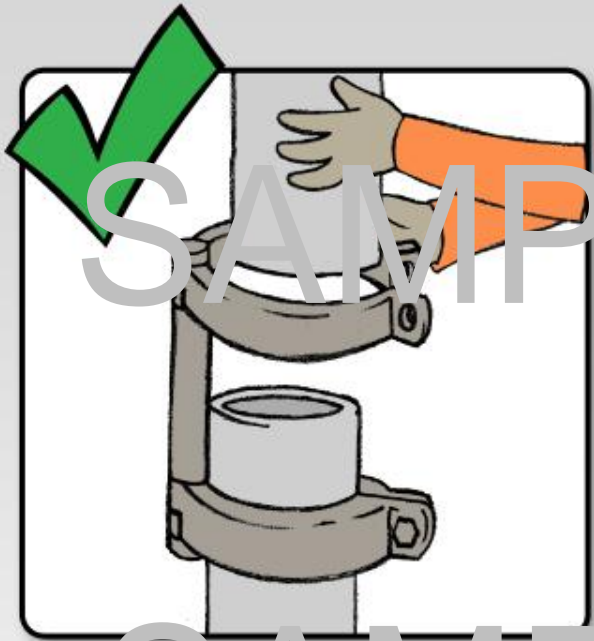
- Follow your site procedures particular to the Rig design
- Use automated systems, when provided



©Experteyes

### ***Installing Rods and Casings on Rigs:***

- Follow your site procedures particular to the Rig design
- Use automated systems, when provided
- Stay out from under suspended drill rods and casings



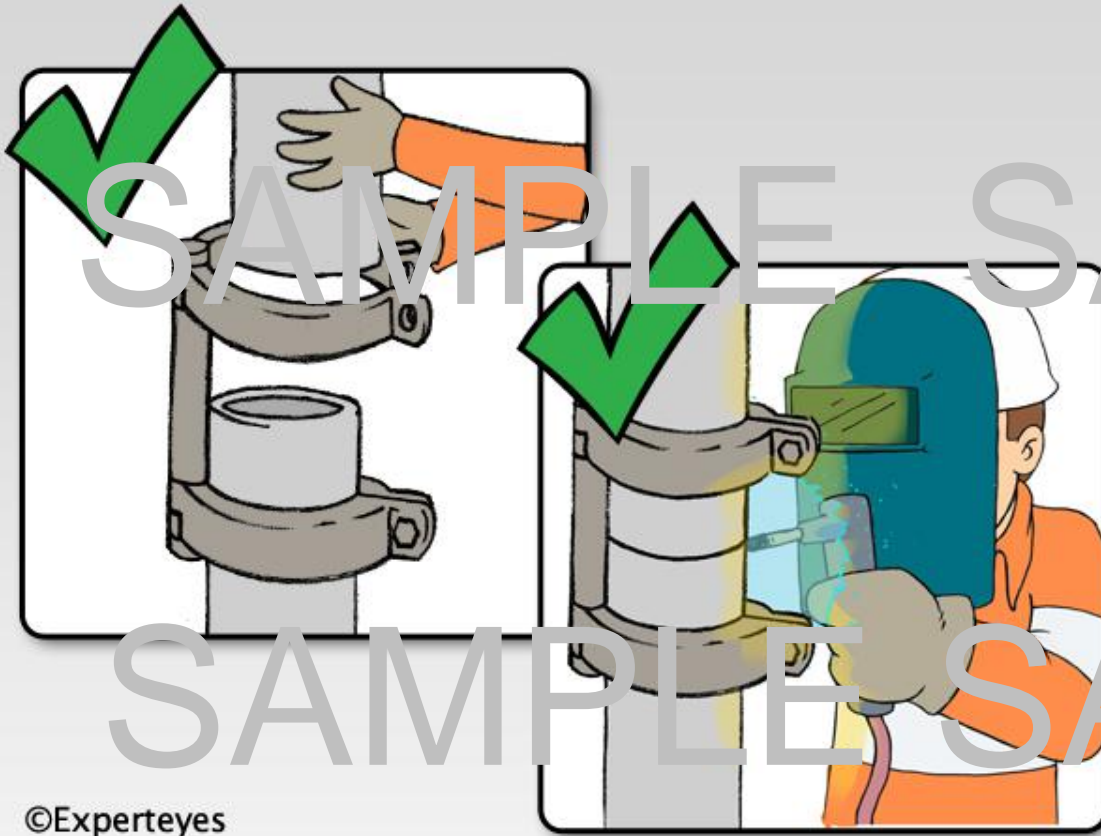
SAMPLE SAMPLE

SAMPLE SAMPLE

©Experteyes

### ***Installing Rods and Casings on Rigs:***

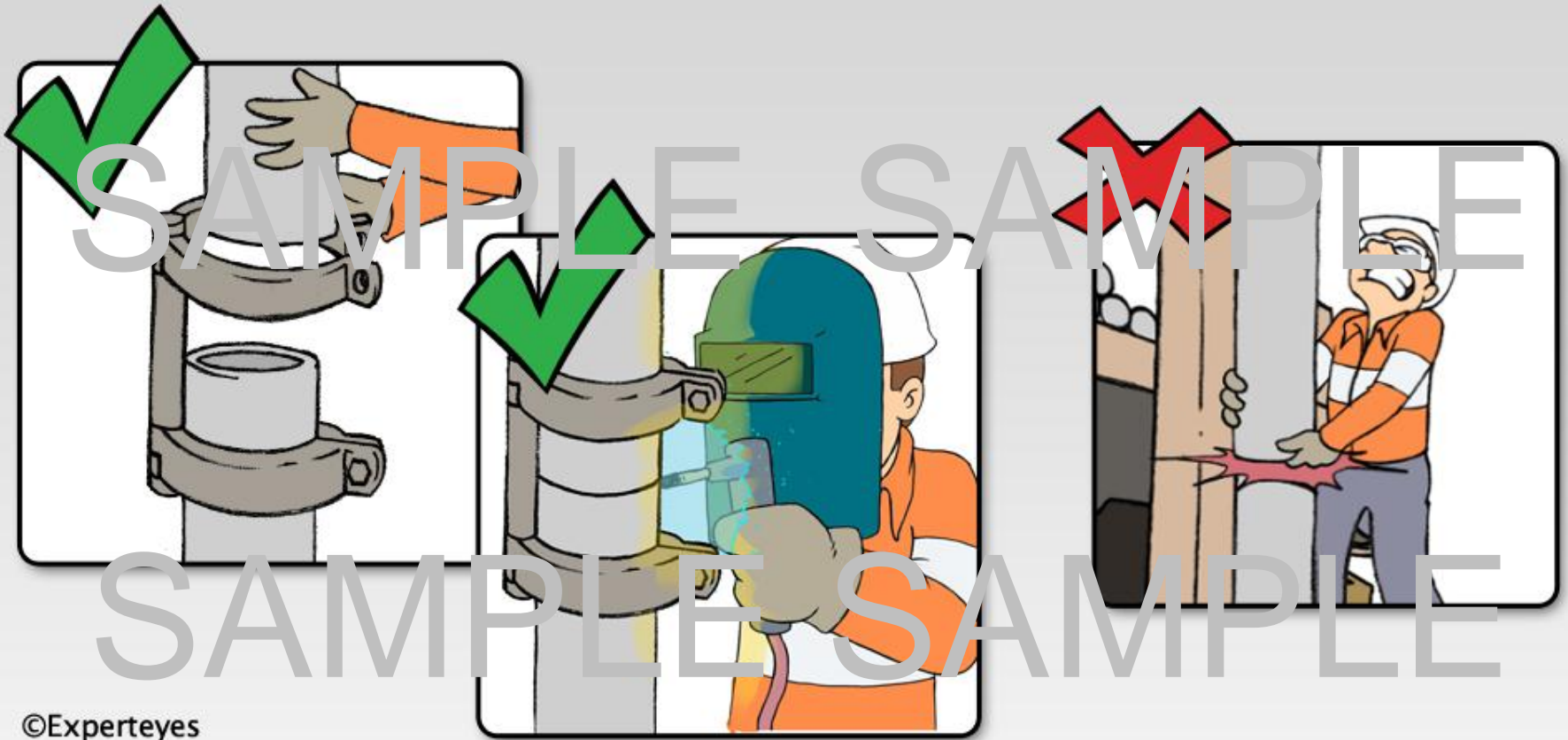
- Guide and position Casings using designated self opening clamps



©Experteyes

### ***Installing Rods and Casings on Rigs:***

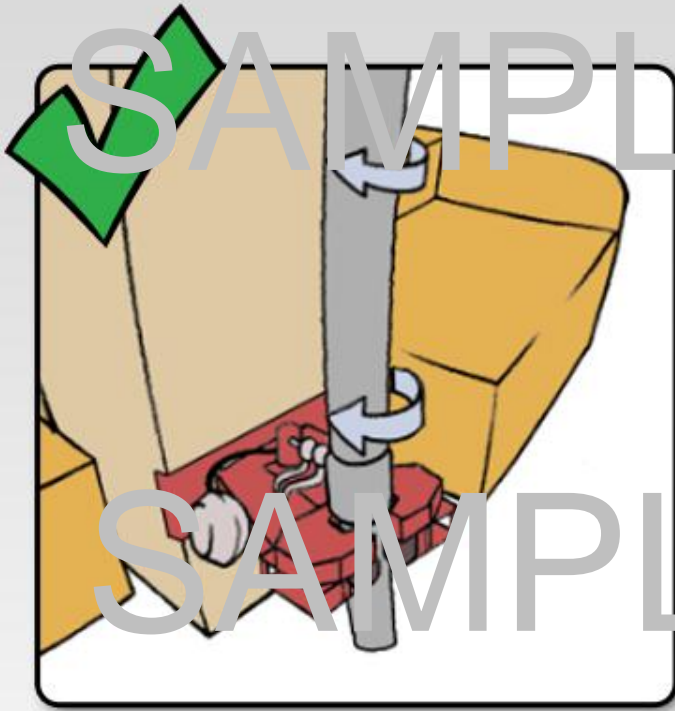
- Guide and position Casings using designated self opening clamps
- Use a competent, certified welder



©Experteyes

### ***Installing Rods and Casings on Rigs:***

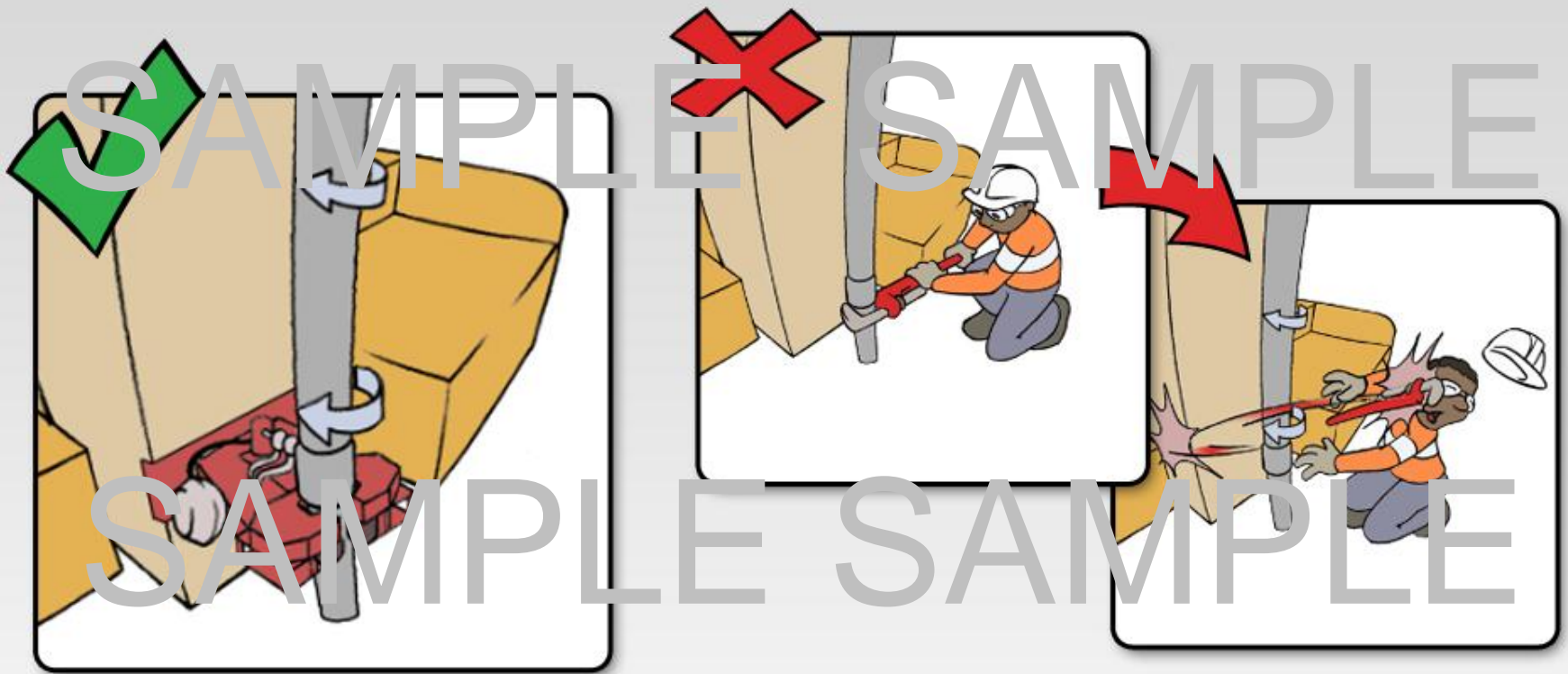
- Guide and position Casings using designated self opening clamps
- Use a competent, certified welder
- Keep Hands and Fingers clear of joints



©Experteyes

### ***Securing and Joining Drill Rods:***

- Apply the site procedures for the drill rig design
- When possible, use foot clamps and automated clamps

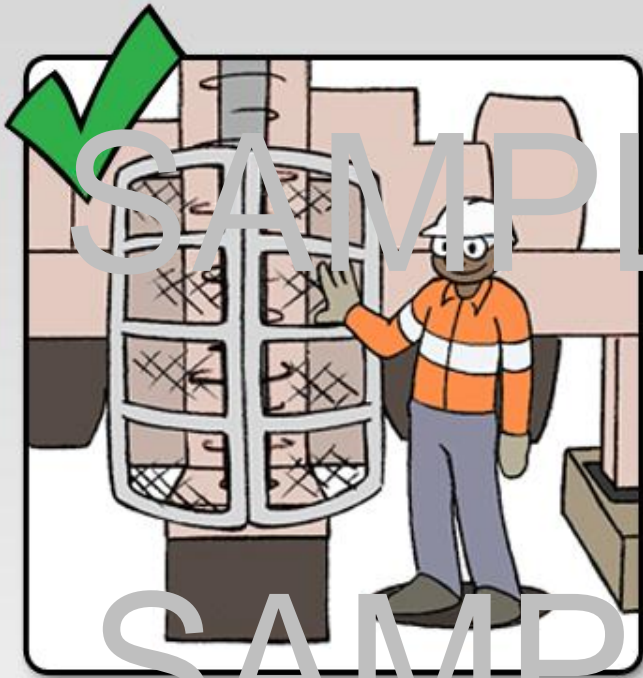


©Experteyes

### ***Securing and Joining Drill Rods:***

- Apply the site procedures for the drill rig design
- When possible, use foot clamps and automated clamps

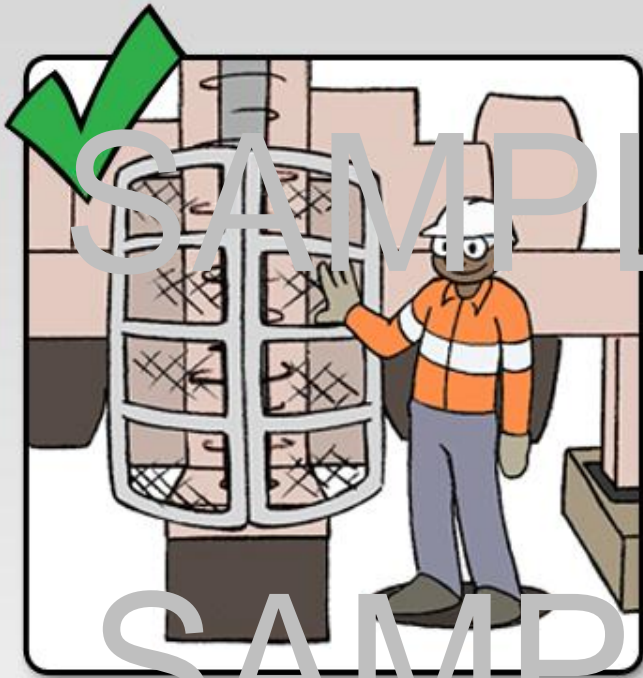
***Use stilsons as a last resort!***



©Experteyes

### ***Rotating Drill Rods:***

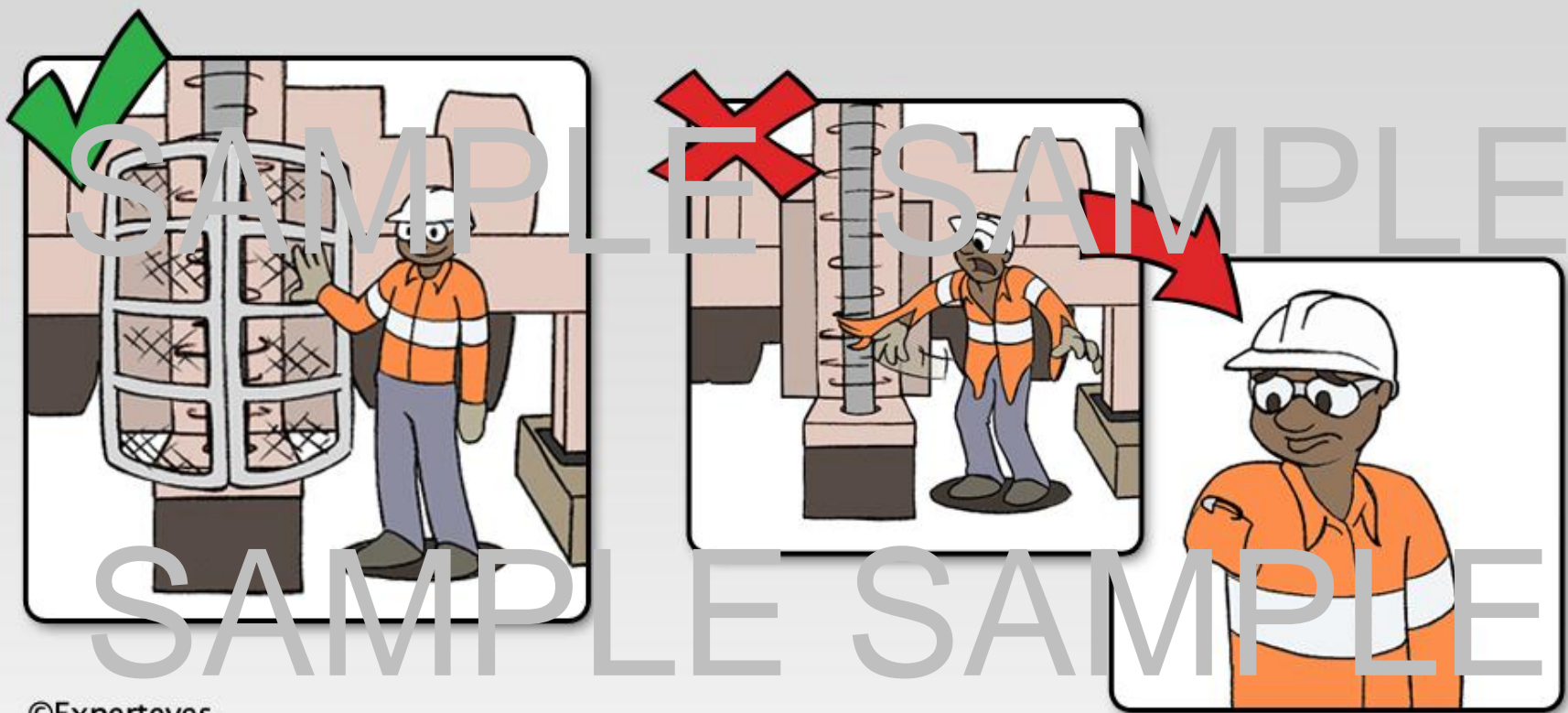
- Keep guarding in place
- Button your shirt sleeves at the wrist
- Tuck your shirt into your trousers



©Experteyes

### ***Rotating Drill Rods:***

- Keep guarding in place
- Button your shirt sleeves at the wrist
- Tuck your shirt into your trousers
- Keep your hands and body clear of rotating drill rods



©Experteyes

### ***Rotating Drill Rods:***

- Keep guarding in place
- Button your shirt sleeves at the wrist
- Tuck your shirt into your trousers
- Keep your hands and body clear of rotating drill rods