



Alex says  
Let's Go

# “THIS IS SPCC/FRP JEOPARODY!!!”

*A risk-based decision-making activity*



**Applicability  
and  
Qualification**

**Secondary  
Containment is  
My 2nd Choice**

**General  
or  
Sized?**

**Inspections,  
Evaluations,  
and Testing**

**Revisions,  
Revisions;  
2002 vs. 2006**

**SPCC Plan  
Basics**

**Team 1**

**1400**

**Team 2**

**1200**

**Team 3**

**1700**

**Reset**

**Oops! Let's Backup...**

**Final Jeopardy**

# Applicability and Qualification

## 100 (A)

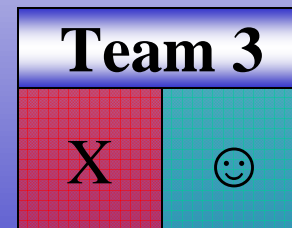
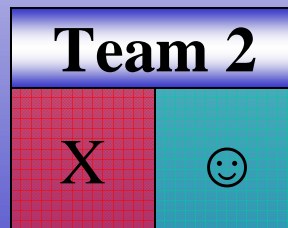
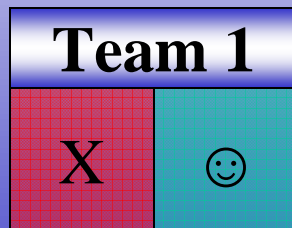
- A: A facility that contains *this volume* or less of oil in aboveground storage tanks may qualify for self-certification.

Question

# Applicability and Qualification

100 (Q)

- Q: What is 10,000 gallons?



No Answer

# Applicability and Qualification

## 200 (A)

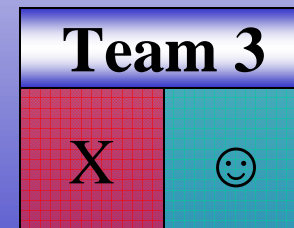
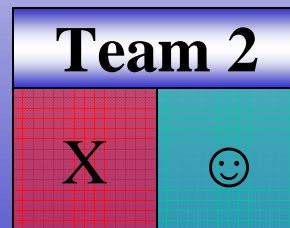
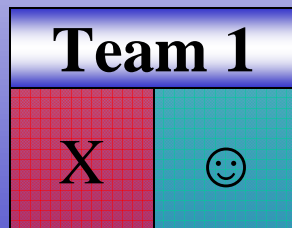
- A: As of December 2006, the SPCC rule no longer applies to *this type of container* (although the transfer of oil into it may still be regulated).

Question

# Applicability and Qualification

200 (Q)

- Q: What is a motive power container?



# Applicability and Qualification

## 300 (A)

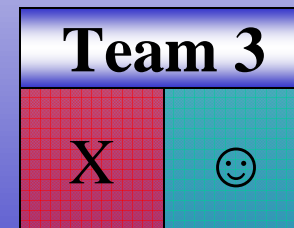
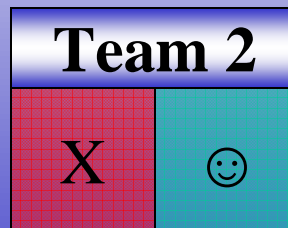
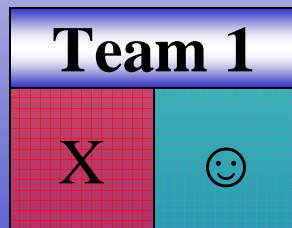
- A: The compliance date for *this type of facility* has been delayed until the effective date of a rule establishing specific SPCC requirements.

Question

# Applicability and Qualification

300 (Q)

- Q: What is a farm?



No Answer

# Applicability and Qualification

## 400 (A)

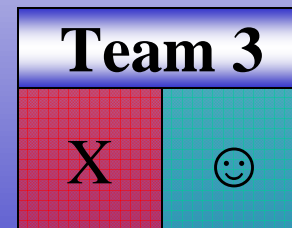
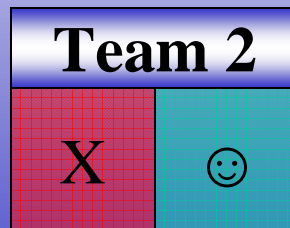
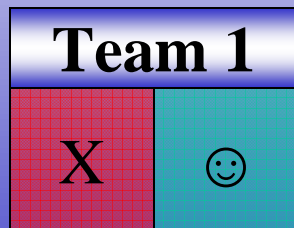
- A: As of December 2006, alternate requirements apply to *this category of equipment*, which may include hydraulic systems, lubricating systems, and electrical transformers.

Question

# Applicability and Qualification

400 (Q)

- Q: What is qualified oil-filled operational equipment?



# Applicability and Qualification

## 500 (A)

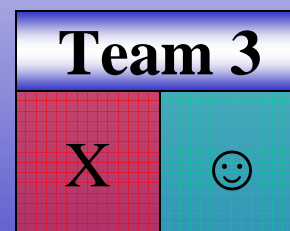
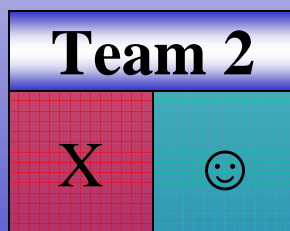
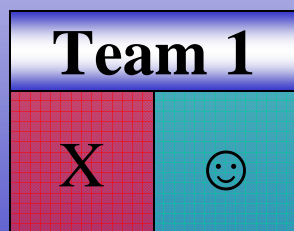
- A: The reportable discharge history of oil-filled operational equipment that qualifies for alternate requirements described in §112.7(k)(2).

Question

# Applicability and Qualification

## 500 (Q)

- Q: What is no single discharge as described in §112.1(b) from any oil-filled equipment exceeding 1,000 US gallons or no two discharges as described in §112.1(b) from any oil-filled operational equipment each exceeding 42 US gallons within any 12 month period in the three years prior to the SPCC Plan certification date?



No Answer

# Secondary Containment is my Second Choice

100 (A)

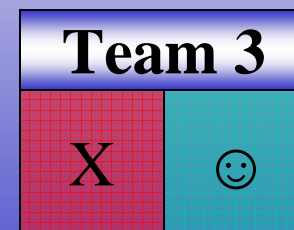
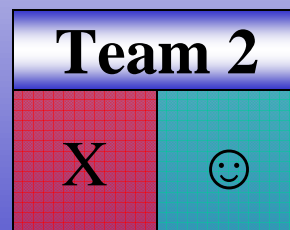
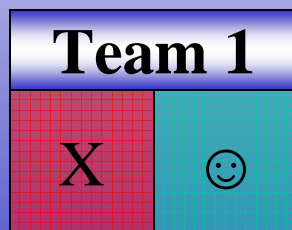
- A: This type of general containment measure requires deployment or other specific action by the owner or operator.

Question

# Secondary Containment is my Second Choice

100 (Q)

- Q: What are active measures?



No Answer

# Secondary Containment is my Second Choice

200 (A)

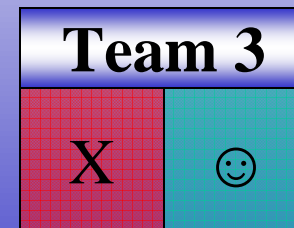
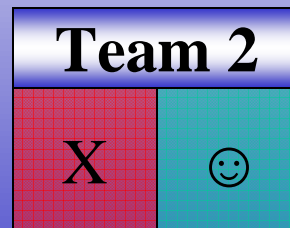
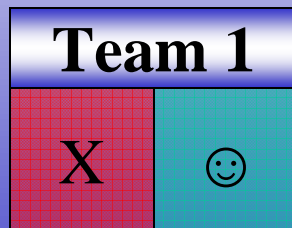
- A: An oil spill contingency plan must follow the provisions of *this part*.

Question

# Secondary Containment is my Second Choice

200 (Q)

- Q: What is 40 CFR part 109?



No Answer

# Secondary Containment is my Second Choice

300 (A)

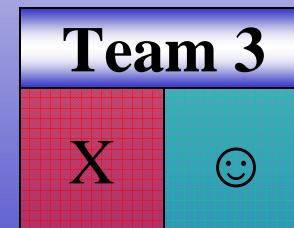
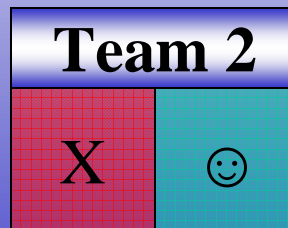
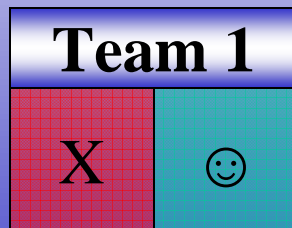
- A: If you do not provide secondary containment for your qualified oil-filled operational equipment and you have not submitted a response plan under §112.20, you need to provide a written commitment of *these three things*.

Question

# Secondary Containment is my Second Choice

300 (Q)

- Q: What are manpower, equipment, and materials?



No Answer

# Secondary Containment is my Second Choice

400 (A)

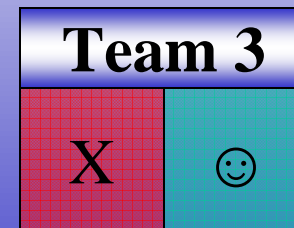
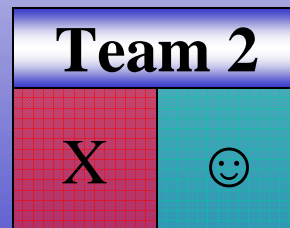
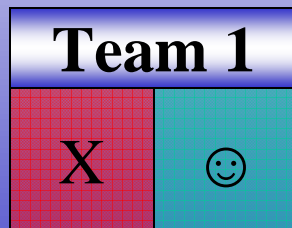
- A: If you are the operator of a qualified facility and you determine secondary containment to be impracticable, your alternative measures must be approved by *this person*.

Question

# Secondary Containment is my Second Choice

400 (Q)

- Q: Who is a Professional Engineer?



No Answer

## DAILY DOUBLE:

# Secondary Containment is my Second Choice

500 (A)

- A: If secondary containment is not provided for qualified oil-filled operational equipment, the owner or operator of the facility must ensure that *these things* are in the Plan.

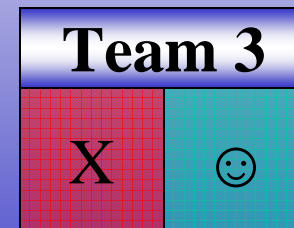
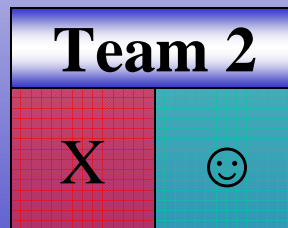
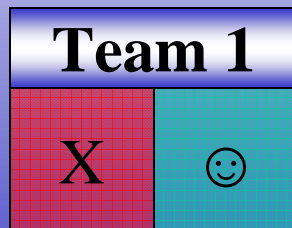
Question

# DAILY DOUBLE:

## Secondary Containment is my Second Choice

500 (Q)

- Q: What are: 1) documentation of inspection procedures or monitoring program and 2) an oil spill contingency plan and 3) a written commitment of manpower, equipment, and materials?



# General or Sized?

100 (A)

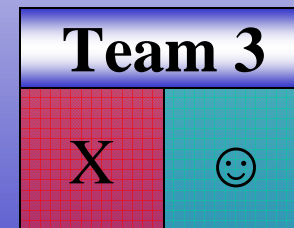
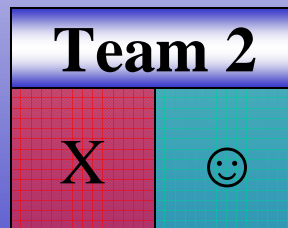
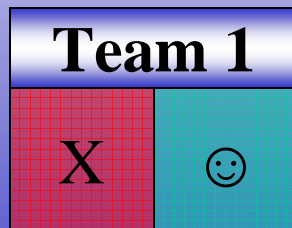
- A: All bulk storage container installations (except mobile refuelers)

Question

# General or Sized?

100 (Q)

- Q: What is sized secondary containment?



No Answer

# General or Sized?

## 200 (A)

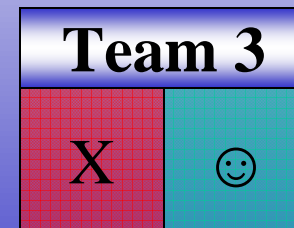
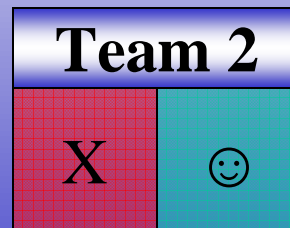
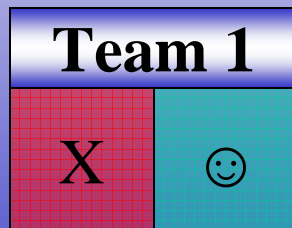
- A: Mobile refuelers

Question

# General or Sized?

200 (Q)

- Q: What is general secondary containment?



No Answer

# General or Sized?

300 (A)

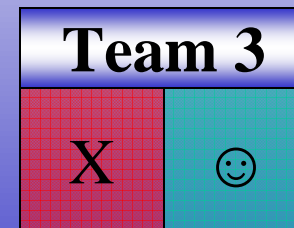
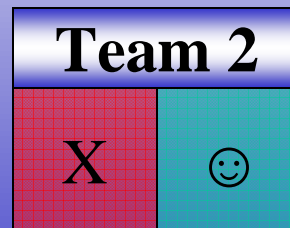
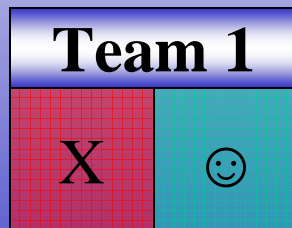
- A: Oil-filled operational equipment (non-qualified)

Question

# General or Sized?

300 (Q)

- Q: What is general secondary containment?



No Answer

# General or Sized?

## 400 (A)

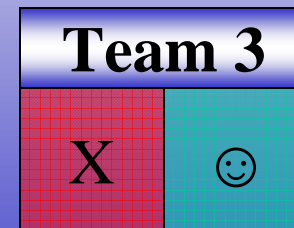
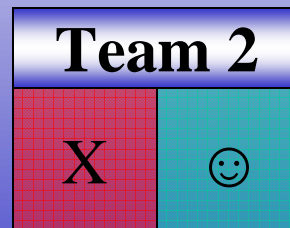
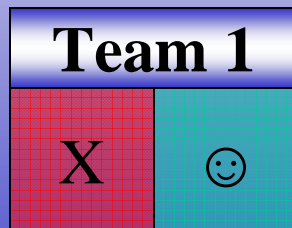
- A: Loading Racks

Question

# General or Sized?

400 (Q)

- Q: What is sized secondary containment?



No Answer

# General or Sized?

500 (A)

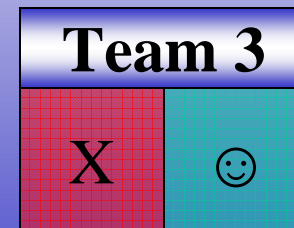
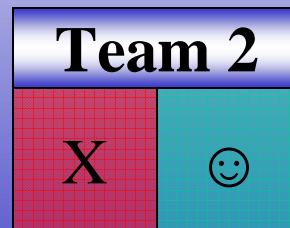
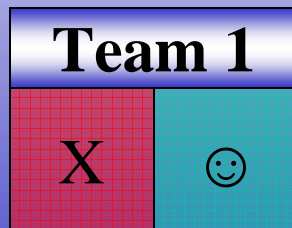
- A: Qualified oil-filled operational equipment

Question

# General or Sized?

500 (Q)

- Q: What is general secondary containment?  
(Although, facilities can choose to comply with alternate requirements instead)



No Answer

# Inspections, Evaluation, and Testing

100 (A)

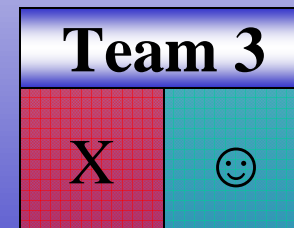
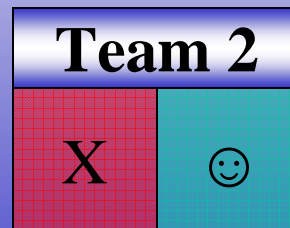
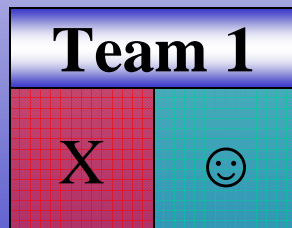
- A: A type of structural failure characterized by rapid crack formation that can cause sudden tank failure.

Question

# Inspections, Evaluation, and Testing

100 (Q)

- Q: What is brittle fracture?



# Inspections, Evaluation, and Testing 200 (A)

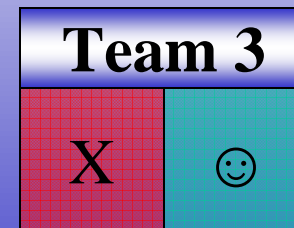
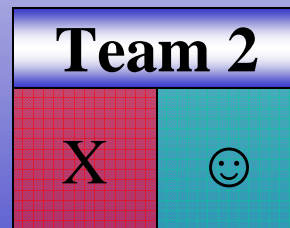
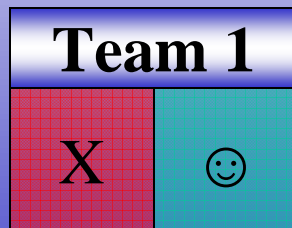
- A: Hydrostatic testing, radiographic testing, ultrasonic testing, and acoustic emission testing are examples of these.

Question

# Inspections, Evaluation, and Testing

200 (Q)

- Q: What are integrity testing techniques?



# Inspections, Evaluation, and Testing

300 (A)

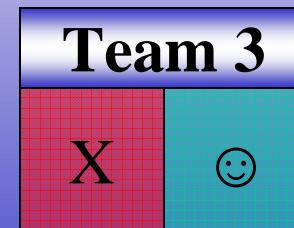
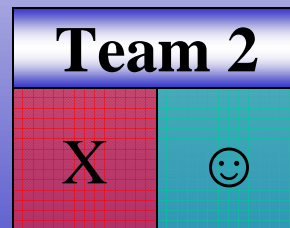
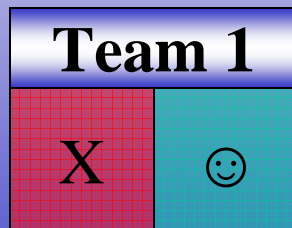
- A: Technical guidelines, instructions and criteria created by experts in a particular industry to establish common practices.

Question

# Inspections, Evaluation, and Testing

300 (Q)

Q: What are industry standards?



No Answer

# Inspections, Evaluation, and Testing

400 (A)

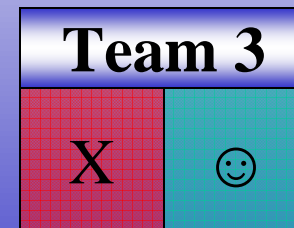
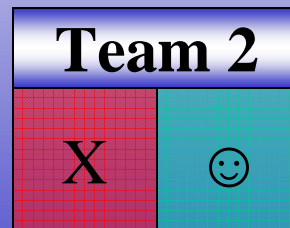
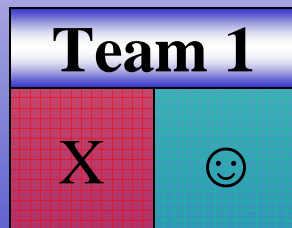
- A: This type of program ensures that flowlines are kept in good condition; a comprehensive one includes elements for prevention, detection, protection, and remediation.

Question

# Inspections, Evaluation, and Testing

400 (Q)

Q: What is a flowline maintenance program?



No Answer

# Inspections, Evaluation, and Testing 500 (A)

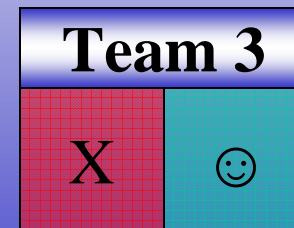
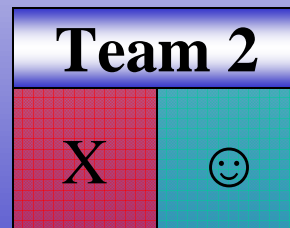
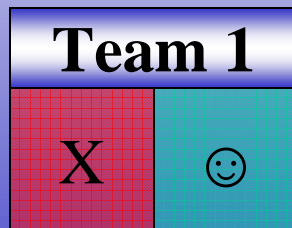
- A: An industry standard for integrity testing of ASTs including shop-fabricated and field-erected tanks and portable containers and containment systems.

Question

# Inspections, Evaluation, and Testing

500 (Q)

- Q: What is STI SP-001?



No Answer

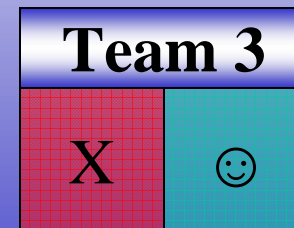
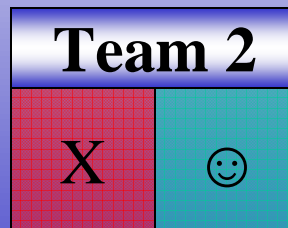
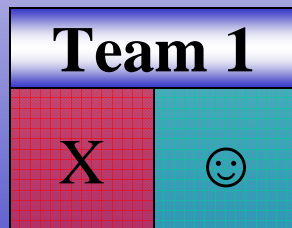
# Revisions, Revisions: 2002 vs. 2006 100 (A)

- A: §112.2 Mobile refueler means a bulk storage container onboard a vehicle or towed, that is designed or used solely to store and transport fuel for transfer into or from an aircraft, motor vehicle, locomotive, vessel, ground service equipment, or other oil storage container.

Question

# Revisions, Revisions: 2002 vs. 2006 100 (Q)

- Q: What is the 2006 SPCC rule amendment?



No Answer

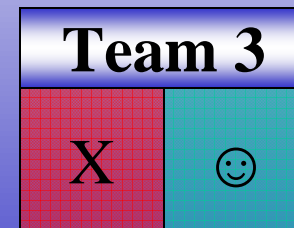
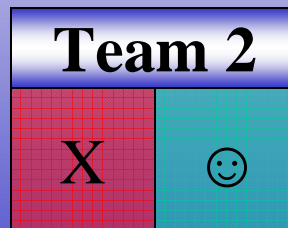
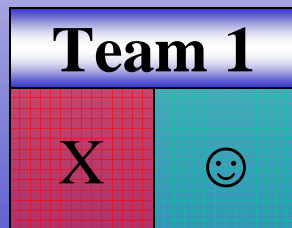
# Revisions, Revisions: 2002 vs. 2006 200 (A)

- A: §112.8(c)(2) Construct all bulk storage container installations so that you provide a secondary means of containment for the entire capacity...

Question

# Revisions, Revisions: 2002 vs. 2006 200 (Q)

- Q: What is the 2002 SPCC rule amendment?



No Answer

# Revisions, Revisions:

## 2002 vs. 2006

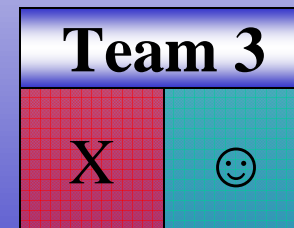
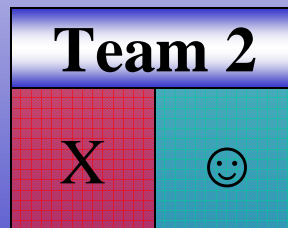
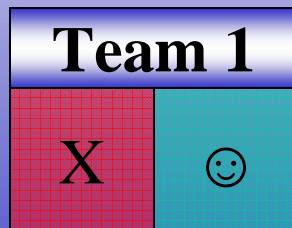
### 300 (A)

- A: §112.8(c)(11) Position or locate mobile or portable oil storage containers to prevent a discharge as described in §112.1(b). Except for mobile refuelers, you must furnish a secondary means of containment...

Question

# Revisions, Revisions: 2002 vs. 2006 300 (Q)

- Q: What is the 2006 SPCC rule amendment?



No Answer

# Revisions, Revisions:

2002 vs. 2006

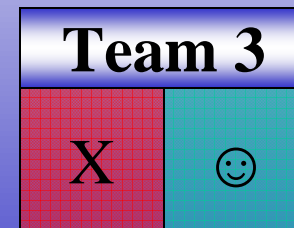
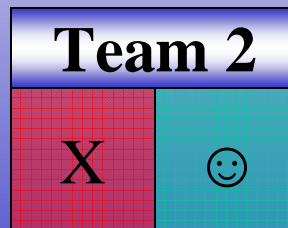
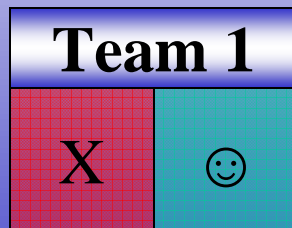
400 (A)

- A: §112.14(b) Position or locate mobile drilling or workover equipment so as to prevent a discharge as described in §112.1(b).

Question

# Revisions, Revisions: 2002 vs. 2006 400 (Q)

- Q: What is the 2002 SPCC rule amendment?



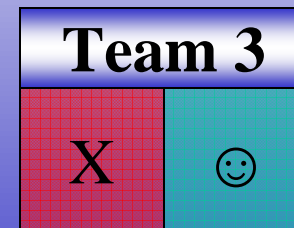
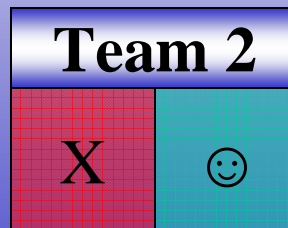
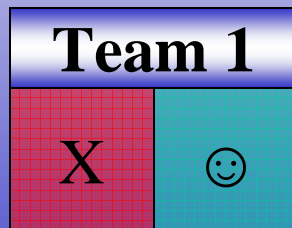
# Revisions, Revisions: 2002 vs. 2006 500 (A)

- A: §112.5(c) Except as provided in §112.6, have a Professional Engineer certify any technical amendments to your Plan in accordance with §112.3(d).

Question

# Revisions, Revisions: 2002 vs. 2006 500 (Q)

- Q: What is the 2006 SPCC rule amendment?



# SPCC Plan Basics

## 100 (A)

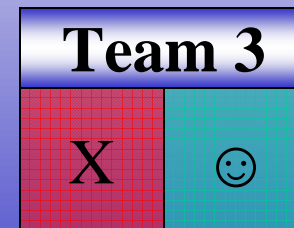
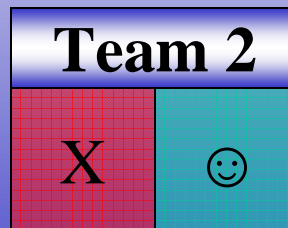
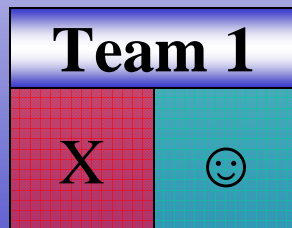
- A: A facility that was in operation before August 16, 2002, must amend and implement its Plan by this date.

Question

# SPCC Plan Basics

100 (Q)

- Q: What is July 1, 2009?



No Answer

# SPCC Plan Basics

## 200 (A)

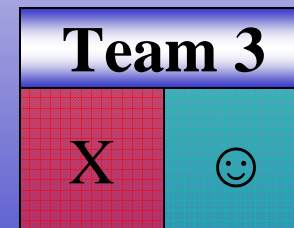
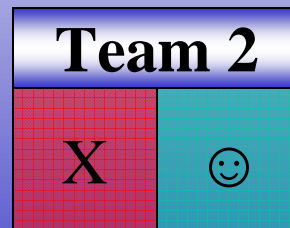
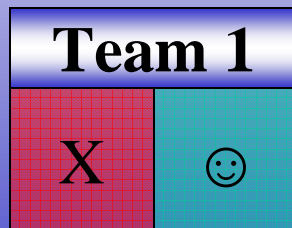
- A: An alternate plan format may be used if *this* is provided.

Question

# SPCC Plan Basics

## 200 (Q)

- Q: What is a cross-reference that identifies the location of SPCC requirements?



# SPCC Plan Basics

## 300 (A)

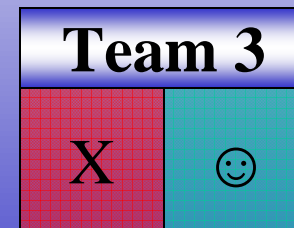
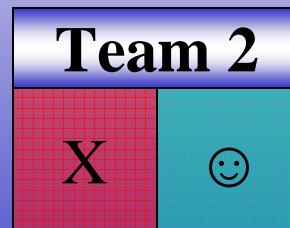
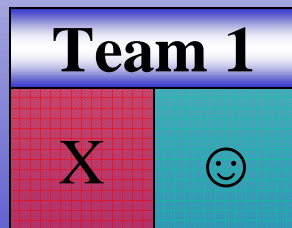
- A: These containers must be included on a facility diagram even if otherwise exempt from SPCC requirements.

Question

# SPCC Plan Basics

## 300 (Q)

- Q: What are underground storage tanks?



# SPCC Plan Basics

## 400 (A)

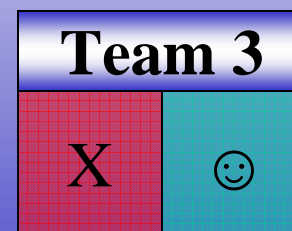
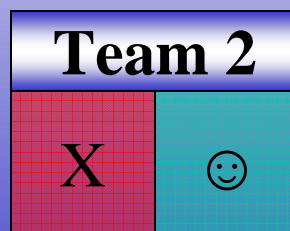
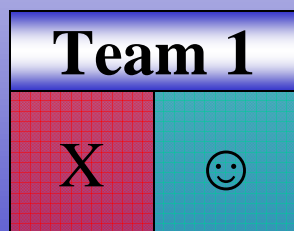
- A: A facility must notify the Regional Administrator of a discharge meeting either of these two criteria.

Question

# SPCC Plan Basics

400 (Q)

- Q: What is a single discharge of more than 1,000 gallons or two or more discharges in a year of 42 gallons or more each?



No Answer

# SPCC Plan Basics

## 500 (A)

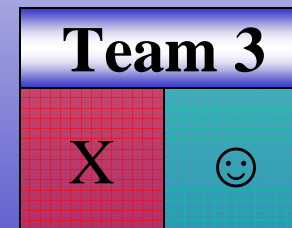
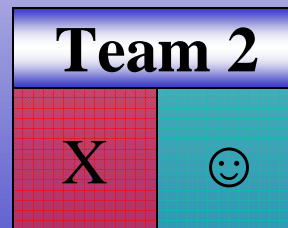
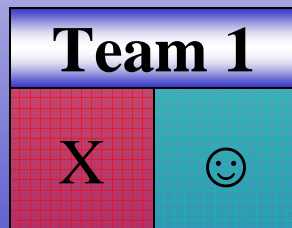
- A: To be *this type of container*, all liquid and sludge must be removed; all connecting lines and piping must be disconnected and blanked off; all valves (except for ventilation) must be closed and locked; and conspicuous signs must be posted.

Question

# SPCC Plan Basics

## 500 (Q)

- Q: What is a permanently closed container?



# FINAL JEOPARDY

- A: The year the SPCC rule was first promulgated.

Question

# FINAL JEOPARDY

Q: What is 1973?

# CHOOSE YOUR WAGERS!

Proceed To Final Jeopardy

**Team 1**

**1400**

**Team 2**

**1200**

**Team 3**

**1700**

Oops, Let's Go Back

Congratulations to All for a Game  
Well Played!

**Team 1**

**1700**

**Team 2**

**1600**

**Team 3**

**700**

Exit