

## PERSONAL SAFETY GUIDELINES

LAST UPDATE MAY, 2008

### DEFINITION:

**Person in charge** – The persons designated, by title and order of succession, by the lessee(s), designated operator(s), or agent of either the lessee(s) or designated operator(s), to act for them.

Z-100

### ARE SELF INSPECTIONS PERFORMED ANNUALLY AND RECORDED ON A CG FORM 5432, AND IS THE FORM MAINTAINED FOR EACH OCS FIXED FACILITY?

**Authority:** 33 CFR 140.103

**Enforcement Action:** W

### INSPECTION PROCEDURE:

1. Verify that a CG Form 5432 is maintained in an appropriate place on each manned fixed OCS platform.
2. Verify that a CG Form 5432 is maintained at an adjacent manned facility or the nearest field office if there is no manned platform in the area for each unmanned fixed OCS platform.
3. Verify that the CG Form 5432 is being completed as required.
4. Verify that the forms for each fixed OCS platform are maintained for at least the period of the last 2 years.

**Note:** The two-year form retention requirement will be phased in and will occur as follows:

1. A one-year retention period on site is required for a copy of the completed CG Form 5432 from June 7, 2003, through June 6, 2004.
2. A two-year retention period on site is required for copies of the completed CG Form 5432 from June 7, 2004, and beyond.

### IF NONCOMPLIANCE EXISTS:

Issue a warning (W) INC if:

1. The CG Form 5432 is not maintained in an appropriate place on the facility.
2. The CG Form 5432 is not being completed as required.
3. The CG Forms 5432 are not maintained on the facility for a period of 2 years.

### INSPECTION COUNT/ INC

Enter one item checked/ issue one INC for each platform inspected.

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**ARE ADEQUATE QUANTITIES OF REQUIRED PERSONAL PROTECTION EQUIPMENT AVAILABLE, WORN, AND MAINTAINED IN GOOD CONDITION FOR RECOGNIZED PERSONNEL HAZARDS?**

**Authority:** 33 CFR 142.4  
33 CFR 142.24  
33 CFR 142.27  
33 CFR 142.30  
33 CFR 142.33  
33 CFR 142.36

**Enforcement Action:** W/C

**DEFINITION:**

**Recognized personnel hazards** – Conditions that are generally known as likely to cause death or serious physical harm to personnel exposed to those conditions and routinely controlled in this work environment.

**INSPECTION PROCEDURE:**

1. Verify that all personnel use or wear specified personnel protective equipment to mitigate recognized personnel hazards when within the leased area or the area covered by the permit, unless the use of such equipment causes an additional hazard.
2. Verify that required eye and face protection equipment for personnel engaged in or observing welding, grinding, machining, chipping, handling hazardous materials, or acetylene burning or cutting:
  - .Is available in adequate quantities.
  - .Complies with Figure 8 of ANSI Z87.1.
  - .Is marked with the information specified in ANSI Z87.1 for that type of protector.
  - .Is worn during such activities.
3. Verify that required head protection for personnel working in areas where there is a hazard of falling objects or contact with electrical conductors:
  - .Is available in adequate quantities.
  - .Complies with ANSI Z89.1 for the hazards involved.
  - .Is marked with the information specified in ANSI Z89.1 for that type of protector and for the hazards involved.
  - .Is worn in such areas or when engaged in such activities.
1. Verify that required foot protection for personnel working in areas or engaged in activities where there is a reasonable probability for foot injury to occur:
  - A. Is available in adequate quantities.
  - .Complies with ANSI Z41.
  - .Is marked with the information specified in ANSI Z41.
  - .Is worn in such areas or when engaged in such activities, except when environmental conditions exist that present a hazard greater than that against which the footwear is designed to protect.
5. Verify that required protective clothing and gloves for personnel working in areas where there are flying particles, molten metal, radiant energy, heavy dust, or hazardous materials:
  - .Are available in adequate quantities.
  - .Are worn in such areas or when engaged in such activities.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if the use of the required personal protection equipment is not enforced.

Issue a component shut-in (C) INC for the removal of the affected personnel from the area or activity if:

1. Adequate quantities of the required personal protection equipment are not available in the work area.
2. Present during an operation when the specified personal protection equipment is required but not worn.
3. The specified personal protection equipment does not comply with the ANSI standard.
1. The specified personal protection is not marked with the information specified in the ANSI standard.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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**IS RESPIRATORY PROTECTION EQUIPMENT AVAILABLE IN ADEQUATE QUANTITIES, WORN, AND MAINTAINED IN GOOD CONDITION; AND ARE PERSONNEL TRAINED TO USE THE EQUIPMENT?**

**Authority:** 33 CFR 142.4  
33 CFR 142.39

**Enforcement Action:** W/C

**INSPECTION PROCEDURE:**

1. Verify that all personnel are required to use respiratory protection equipment to mitigate recognized respiratory hazards when within the leased area or the area covered by the permit, unless the use of such equipment causes an additional hazard.
2. Verify that adequate quantities of respiratory protection equipment are available for activities requiring personnel to work in an atmosphere specified in ANSI Z88.2.
3. Verify that respiratory protection equipment complies with ANSI Z88.2 for the atmosphere in which it is to be used.
4. Verify that the respiratory protection equipment is maintained in accordance with ANSI Z88.2.
5. Verify that the procedures stated in section 6 of ANSI Z88.2 concerning the proper selection of a respirator and individual fit testing have been followed.
6. Verify that personnel are trained in the matters set forth in section 7 of ANSI Z88.2 concerning proper use of the equipment and in the generally recognized short and long term harmful effects of exposure to various hazardous atmospheres.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if the use of respiratory protection equipment in hazardous atmospheres is not enforced.

Issue a component shut-in (C) INC for the removal of the affected person from the area if:

1. Adequate quantities of required respiratory protection equipment in hazardous atmospheres are not available in the work area.
2. Present during an operation requiring respiratory protection equipment and such equipment is not used.
3. Personnel have not been trained in matters concerning proper use of the equipment and the short- and long-term effects of exposure to the atmosphere requiring the use of respiratory protection equipment.
4. The procedures stated in ANSI Z88.2 concerning the proper selection of respiratory protection equipment and individual fit testing have not been followed.
5. The respiratory protection equipment does not comply with ANSI Z88.2 for the atmosphere in which it is to be used.
6. The respiratory protection equipment is not maintained in accordance with ANSI Z88.2.

**Note:** If, as a result of this component shut in, an unsafe condition may occur because of inadequate personnel manning; therefore, consideration must be given to shutting in the associated activity.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-106

**WHEN PERSONNEL ARE ENGAGED IN AN ACTIVITY WHERE THERE IS A HAZARD OF FALLING 10 OR MORE FEET, ARE THEY WEARING A SAFETY BELT OR HARNESS SECURED BY A LANYARD TO A LIFELINE, DROP LINE, OR FIXED ANCHORAGE?**

**Authority:** 33 CFR 142.24

**Enforcement Action:** W/C

33 CFR 142.42

**INSPECTION PROCEDURE:**

1. Verify that all personnel are required to use safety belts, harnesses, lanyards, lifelines, and drop lines to mitigate recognized personnel hazards when within the leased area or the area covered by the permit.
2. Verify that adequate quantities of safety belts, harnesses, lanyards, lifelines, and drop lines are available for activities during which there is a hazard for a person falling 10 feet or more.
3. Verify that each safety belt, harness, lanyard, lifeline, and drop line complies with ANSI A10.14.
4. Verify that each safety belt, harness, lanyard, lifeline, and drop line is maintained in proper condition and stored adequately to prevent damage and deterioration.
5. Verify that persons responsible for actual operations ensure that all personnel engaged in the above operations properly use and wear the personal protective specified by the above subpart.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if the use of safety belts, harnesses, lanyards, lifelines, and drop lines is not enforced.

Issue a component shut-in (C) INC for the removal of the affected personnel if:

1. Adequate quantities of safety belts, harnesses, lanyards, lifelines, and drop lines are not available in the work area.
2. Present during an operation during which there is a hazard of a person falling 10 feet or more and a safety belt or harness secured by a lanyard to a lifeline, drop line, or fixed anchorage is not used.
3. Personnel have not been trained in the procedures for and proper use of safety belts, harnesses, lanyards, lifelines, and drop lines.
4. Safety belts, harnesses, lanyards, lifelines, and drop lines do not comply with ANSI A10.14.
5. Safety belts, harnesses, lanyards, lifelines, and drop lines are not properly maintained or stored.

**Note:** If, as a result of this component shut in, an unsafe condition may occur because of inadequate personnel manning; therefore, consideration must be given to shutting in the associated activity.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-108

**DOES EACH PERSON WEAR AN APPROVED PERSONAL FLOTATION DEVICE (PFD) WHEN THERE IS A HAZARD OF FALLING INTO THE WATER?**

**Authority:** 33 CFR 142.4

**Enforcement Action:** W/C

33 CFR 142.45

**Note:**

1. Refer to PINC's Z-150, Z-175, Z-180, and Z-190 for the requirements for, availability of, maintenance of, and storage of PFD's (i.e., work vests and life preservers).
2. A PDF is not required if a person is using a secured safety belt and a lifeline (see PINC Z-106).

**INSPECTION PROCEDURE:**

1. Verify that all personnel are required to use a PDF where there is a hazard of falling into the water.
2. Verify that personnel wear approved PFD when working in a location on a fixed platform in locations where there is a hazard that they could fall into the water.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if the use of PDF's is not enforced.

Issue a component shut-in (C) INC for the removal of the affected personnel if present during an operation where there is a hazard of falling into the water and any personnel working on the operation are not wearing an approved PFD.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-110

**IS EYEWASH EQUIPMENT IMMEDIATELY AVAILABLE NEAR THE DRILL FLOOR, MUDROOM, AND OTHER AREAS WHERE THERE IS A REASONABLE PROBABILITY THAT EYE INJURY MAY OCCUR?**

**Authority:** 33 CFR 142.4  
33 CFR 142.48  
33 CFR 146.15(a)

**Enforcement Action:** W/C

**Note:**

1. Eyewash equipment must be located within 10 seconds of the hazard and on the same level.
2. The path of travel to the eyewash equipment must be unobstructed.

**INSPECTION PROCEDURE:**

1. Verify that operable portable or fixed eyewash equipment is located in required areas on all manned fixed platforms.
2. Verify that required eyewash equipment is adequately maintained.
3. Verify that personnel are knowledgeable of the location, purpose, and operation of the eyewash equipment.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if:

1. Portable or fixed eyewash equipment is not immediately available near the drill floor, mudroom, and other areas where there is a reasonable probability that eye injury may occur.
2. Personnel working in the area are not knowledgeable of the location, purpose, and operation of the eyewash equipment.
3. Eyewash equipment is not adequately maintained.

Issue a component shut-in (C) INC for the operation if present during an operation in which eye injury may occur and portable or fixed eyewash equipment is not immediately available and/or operable.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-112

**ARE ALL STAGING AREAS AND OTHER WORK SURFACES, AND ALL RAMPS, STAIRWAYS AND OTHER WALKWAYS CLEAR OF ALL TRIPPING AND SLIPPING HAZARDS?**

**Authority:** 33 CFR 142.4  
33 CFR 142.84

**Enforcement Action:** W/C/S

**Note:** Some fluid spilled on the drill floor during operations in which spillage is unavoidable should not be considered a slipping hazard as long as the flooring and the workers' footwear are designed and adequate to reduce slippage.

**INSPECTION PROCEDURE:**

1. Verify that personnel traffic areas on all staging areas and other work surfaces, and all ramps, stairways and other walkways on fixed platforms are clear of portable tools, materials, and equipment not in use.
2. Verify that all personnel work and traffic areas on fixed platforms are promptly cleared of substances that create a tripping or slipping hazard for that amount of spilled fluid.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if:

1. Portable tools, materials, and equipment not in use are left in personnel traffic areas.
2. Substances that create tripping or slipping hazards in personnel work or traffic areas are not promptly cleared.
3. A specific location is found to be part of an unsafe situation and poses potential risks to personnel, equipment, or the environment.

Issue a component shut-in (C) INC for the operation if, due to tripping and slipping hazards, a particular operation poses an immediate danger to personnel, equipment, or the environment.

Issue a platform shut-in (S) INC if an unsafe situation poses an immediate danger to the entire facility or personnel, and the specific piece of equipment or location can not be shut in without affecting the overall safety of the facility.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-114

**ARE ALL OPENINGS IN DECKS THAT ARE ACCESSIBLE TO PERSONNEL COVERED, GUARDED, OR OTHERWISE MADE INACCESSIBLE WHEN NOT IN USE?**

**Authority:** 33 CFR 142.4

**Enforcement Action:** C

33 CFR 142.87

**INSPECTION PROCEDURE:**

Verify that the manner of blockage of openings in decks on fixed platforms will prevent a person's foot or body from inadvertently passing through the opening.

**IF NONCOMPLIANCE EXISTS:**

Issue a component shut-in (C) INC for the location if blockage of openings in decks will not prevent a person's foot or body from inadvertently passing through the openings.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-120

**DOES THE OCS PLATFORM HAVE THE REQUIRED NUMBER OF OPERATIONAL OBSTRUCTION LIGHTS AND FOG HORNS?**

**Authority:** 33 CFR 67.05

**Enforcement Action:** W

33 CFR 67.10

33 CFR 142.4

33 CFR 143.15(a)

**Note:** Lesser structures and piles, pile clusters, or flare templates, etc., will not normally be required to be marked by obstruction lights when they are located within 100 yards of a platform marked by obstruction lights; however they must be marked with red and white reflective material, installed as prescribed by the U.S. Coast Guard.

**INSPECTION PROCEDURE:**

1. For the obstruction lights:
  - A. Verify that platforms with a maximum horizontal dimension of 30 feet or less, on any one side or in diameter, have at least one white or red operational obstruction light, visible for 360°, installed.
  - B. Verify that platforms with a maximum horizontal dimension of over 30 feet, but not in excess of 50 feet, on any one side or in diameter, have at least two white or red operational obstruction lights installed on diagonally opposite corners or 180° apart if it is a circular structure.
  - C. Verify that platforms with a maximum horizontal dimension of over 50 feet, on any one side or in diameter, have operational obstruction lights with at least one white or red operational obstruction light installed on each corner or 90° apart if it is a circular structure.
  - D. Verify that when more than one obstruction light is installed on a platform, all such obstruction lights operate to flash in unison at approximately 60 flashes per minute, unless otherwise permitted by the U.S. Coast Guard.
2. For the fog horns:
  - A. Verify that operational fog horns are located at least 10 feet, but not more than 150 feet, above mean high water and the sound signal is audible 360° in horizontal plane at all ranges of signal.
  - B. Verify that the fog horns are equipped to be controlled:
    - (1) By an attendant on the platform;
    - (2) Remotely by an attendant on a nearby platform; or
    - (3) Automatically by a fog detection device capable of activating the fog signal when the visibility in any one direction is reduced to the range at which a fog signal is required.
  - C. Verify that the fog horns sound a 2-second blast every 20 seconds (2 seconds of sound, 18 seconds of silence), unless otherwise authorized by the U.S. Coast Guard.
  - D. Verify that each fog horn is marked with:
    - (1) The date of U.S. Coast Guard approval.
    - (2) The manufacture's name and date of manufacture.
    - (3) A model designation.
    - (4) The approved range of the sound.
    - (5) The power required.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if:

1. The obstruction lights or fog horns are not operational.
2. The obstruction lights or fog horns are not located as required.
3. The obstruction lights or fog horns do not operate at the correct cycle.
4. The fog horns are not equipped to be controlled as required.
  1. The fog horns are not marked as required.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

**DOES THE PLATFORM HAVE THE REQUIRED TYPES AND NUMBER OF MEANS OF ESCAPE FOR PERSONNEL?**

**Authority:** 33 CFR 142.4

**Enforcement Action:** C

33 CFR 143.101(c)

33 CFR 146.15(a)

33 CFR 143.144.01

**Note:** For unmanned single-well caissons, the U.S. Coast Guard requirement is that all work decks over 400 Square Feet in area and more than 20 Feet above mean low water level must have a primary and secondary means of egress. Additionally, the alternate platform must provide a sufficient amount of lifesaving gear to accommodate 100% of the personnel on board of the manned platform.

**DEFINITION:**

**Primary means of escape** – Fixed stairways or fixed ladders of metal construction or similar material if approved by the U.S. Coast Guard.

**Secondary means of escape** – Fixed stairways or fixed ladders of metal construction, or portable, flexible ladders, knotted man ropes, and other similar devices approved by the U.S. Coast Guard.

**INSPECTION PROCEDURE:**

1. Verify that each manned OCS platform has at least two “primary means of escape” extending from the uppermost deck level, that contains living quarters or that personnel occupy continuously, to each successively lower working level and to the water surface.
2. Verify that each manned OCS platform has at least one “primary means of escape” and, when required by the U.S. Coast Guard, one or more “secondary means of escape” to the water surface from decks without living quarters, shops, or offices, or that personnel occupy only occasionally.
3. Verify that each unmanned OCS platform has at least one “primary means of escape” extending from the uppermost deck level to each successively lower level and to the water surface.
4. Verify that each unmanned OCS platform has at least one “secondary means of escape” extending from the uppermost deck level to each successively lower level and to the water surface, but not less than one “secondary means of escape” for every group of 10 or fewer persons working on the platform (i.e., one secondary means of escape for 1 to 10 persons, two secondary means of escape for 11 to 20 persons, etc.).
5. Verify that each means of escape are fully accessible to facility personnel for rapid platform evacuation
6. Verify that the primary and secondary means of escape are adequately maintained.

**IF NONCOMPLIANCE EXISTS:**

Issue a component shut-in (C) INC for the evacuation of all personnel if the required primary or secondary means of escape is not installed, not adequately maintained, or is not accessible to facility personnel for rapid platform evacuation.

**Note:** In the event of required personnel evacuation, facilities equipped with SCADA systems may continue to be monitored and operated remotely if the Operator chooses to do so. In any case, where removal of any or all personnel from a platform poses a safety hazard to personnel, property, or the environment, the facility must be shut in prior to the evacuation of the personnel.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-130

**IS AT LEAST ONE PERSONNEL LANDING MAINTAINED ON EACH MANNED OCS PLATFORM TO ALLOW SAFE ACCESS AND EGRESS AT THE WATER SURFACE?**

**Authority:** 33 CFR 142.4

**Enforcement Action:** W/C

33 CFR 143.101

33 CFR 143.105

33 CFR 143.110

**Note:** Wastage, deformation, missing parts, or significant deterioration that significantly weakens personnel landing or the guards and rails around the landing should be considered noncompliance of the maintenance requirement.

**INSPECTION PROCEDURE:**

2. Verify that each personnel landing is safe and adequately maintained.
3. Verify that each personnel landing is clear of obstructions and substances that could create a tripping or slipping hazard.
4. Verify that each personnel landing has operational artificial illumination.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if:

1. The personnel landings or the guards and rails around the landing are not adequately maintained, but it is determined that they do not pose an immediate and unmitigated danger to personnel.
2. The landing is not illuminated or the artificial illumination is not operational.

Issue a component shut-in (C) INC for the specific personnel landing if the landing or guards and rails around the landing are not adequately maintained, and it is determined that it poses an immediate and unmitigated danger to personnel.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-135

**ARE FLOORS, DECKS, CATWALKS, AND STAIRWAYS PROTECTED WITH SUITABLE GUARDS AND RAILS OR WIRE MESH FENCE?**

**Authority:** 33 CFR 143.110(a)

**Enforcement Action:** W/C

33 CFR 143.110(c)

**DEFINITION:**

**Suitable guards and rails or fence**– The guard or fence must be at least 42 inches high. Either two intermediate rails must be evenly spaced between the top rail and the deck, or, if a toe board is installed, one intermediate rail must be evenly spaced between the top rail and the top of the toe board.

**Wire mesh fence** – Chain-link fence

**Note:**

1. Guards and rails around helicopter landing decks are addressed by PINC Z-140.
2. Wastage, deformation, missing parts, or significant deterioration that significantly weakens guards or fences should be considered noncompliance and result in a component shut in.

**INSPECTION PROCEDURE:**

Verify that suitable guards and rails or wire mesh fence are installed and maintained around the unprotected perimeters of all floors, decks, catwalks, and stairways.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if a required suitable guard or fence is not maintained, but is determined to not pose an immediate and unmitigated danger to personnel.

Issue a component shut-in (C) INC for the specific location if a required suitable guard or fence is not installed or not adequately maintained, when it is determined to pose an immediate and unmitigated danger to personnel.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-140

**DOES THE HELICOPTER LANDING DECK ON EACH OCS PLATFORM HAVE PERIMETER PROTECTION?**

**Authority:** 33 CFR 142.4

**Enforcement Action:** W/C

33 CFR 143.110(b)

**INSPECTION PROCEDURE:**

Verify that the helicopter landing deck is equipped with a device of sufficient strength and size to prevent any person from falling from the landing deck and the perimeter protection is adequately maintained.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if the helicopter landing deck perimeter protection device is not adequately maintained, but it is determined that it does not pose an immediate and unmitigated danger to personnel.

Issue a component shut-in (C) INC for the helicopter landing deck if:

1. It is not equipped with a perimeter protection device.

1. It is equipped with a perimeter protection device, but it is determined to be inadequate to prevent any person from falling from the landing deck.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each heliport inspected.

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Z-145

**ARE AT LEAST TWO APPROVED, OPERABLE, AND FULLY EQUIPPED LIFE FLOATS, LIFEBOATS, LIFE RAFTS, OR INFLATABLE LIFE RAFTS AVAILABLE AND ACCESSIBLE ON A MANNED OCS PLATFORM TO EVACUATE ALL PERSONNEL ONBOARD AT ONE TIME?**

**Authority:** 33 CFR 144.01-1

**Enforcement Action:** W/C

33 CFR 144.01-5

33 CFR 144.01-10

33 CFR 144.01-15

33 CFR 146.15(a)

33 CFR 146.135(d)

**INSPECTION PROCEDURE:**

1. Verify that sufficient operable life floats, lifeboats, life rafts, or inflatable life rafts, approved by the U.S. Coast Guard, are available and accessible on a manned platform to evacuate all personnel at one time.

2. Verify that such equipment is distributed in accessible locations and mounted on the outboard sides of the platform in such a manner as to be readily launched should an emergency evacuation of personnel be required.

3. Verify that an annual inspection has been conducted to ensure that each personnel evacuation device:

A. Is equipped with a U.S. Coast Guard approved water light of automatic electric-type construction.

B. Contains the following equipment:

(1) Life float – Two paddles not less than five feet nor more than six feet long.

(2) Lifeboat – A bailer, boat hook, bucket, hatchet, lantern, life line, two life preservers, matches, full complement of oars and steering oar, painter, plug, and rowlocks.

(3) Life raft – A boat hook, life line, full complement of oars and steering oar, painter, and rowlocks.

4. Verify that all life floats, lifeboats, life rafts, and survival capsules, together with paddles or oars, are marked (on both sides) with the name or number of, or other inscription, that identifies the facility on which it is placed, and the number of persons allowed on each life float, lifeboat, life raft, or survival capsule. The letters or numbers must be at least 1.5 inches in height.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if any of the personnel evacuation devices are not fully equipped as required.

Issue a component shut-in (C) for the evacuation of the affected personnel if a sufficient number of approved life floats, lifeboats, life rafts, inflatable life rafts, or launching mechanisms are not available, operable, or readily accessible to evacuate personnel from the platform.

**Note:** In the event of required personnel evacuation, facilities equipped with SCADA systems may continue to be monitored and operated remotely if the Operator chooses to do so. In any case, where removal of any or all personnel poses a safety hazard to personnel, property, or the environment, the facility must be shut in prior to the evacuation of the personnel.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each manned platform inspected.

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**Z-150 IS A WELL-MAINTAINED, APPROVED TYPE I LIFE PRESERVER PROVIDED FOR EACH PERSON AND STORED IN AN EASILY ACCESSIBLE LOCATION ON A MANNED OCS PLATFORM?**

**Authority:** 33 CFR 144.01-20

**Enforcement Action:** W/C

**33 CFR 146.15**

**33 CFR 146.135(e)**

**INSPECTION PROCEDURE:**

1. Verify that a life preserver approved by the U.S. Coast Guard is provided for each person on a manned platform.
2. Verify that each life preserver is marked with the identifying name or number of the platform.
3. Verify that each life preserver on a manned platform has at least 31 square inches of reflective material attached on its front side, at least 31 square inches on its back side, and at least 31 square inches on each of its reversible sides.
4. Verify that each life preserver on a manned platform is equipped with an operable personal flotation device light approved by the U.S. Coast Guard.
5. Verify that the life preservers are located in easily accessible places on the platform.
6. Verify that the life preservers are in satisfactory condition.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if life preservers:

1. Are not marked with the identifying name or number of the platform.
2. Are not properly marked with reflective material.
3. Are not equipped with an operable personal flotation device light approved by the U.S. Coast Guard.
4. Are not located in easily accessible locations on the platform.

**Note:** Any life preservers that do not comply with the items 1 through 3 above must be immediately removed from the OCS platform and the OCS platform must be re-inspected for compliance with this PINC.

Issue a component shut-in (C) INC for the evacuation of the affected personnel if:

1. Any life preserver is not in satisfactory condition.
2. There are not the same or greater number of life preservers as there are personnel on the platform.
3. Any life preserver is not an approved Type 1.

**Note:** In the event of required personnel evacuation, facilities equipped with SCADA systems may continue to be monitored and operated remotely if the Operator chooses to do so. In any case, where removal of any or all personnel poses a safety hazard to personnel, property, or the environment, the facility must be shut in prior to the evacuation of the personnel.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each manned platform inspected.

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**Z-155**

**ARE AT LEAST FOUR WELL MAINTAINED, APPROVED RING LIFE BUOYS LOCATED ON A MANNED OCS PLATFORM?**

**Authority:** 33 CFR 144.01-25

**Enforcement Action:** W

**33 CFR 146.15(a)**

**33 CFR 146.135(e)**

**INSPECTION PROCEDURE:**

2. Verify that at least four ring life buoys approved by the U.S. Coast Guard are located on a manned platform, one each in a suitable rack on each side of the platform in an accessible place.
3. Verify that each ring life buoy is marked with the identifying name or number of the platform.
4. Verify that each ring life buoy is always capable of being cast loose and is not permanently secured in any way.
5. Verify that each ring life buoy is equipped with an operable automatic electric-type water light approved by the U.S. Coast Guard.
6. Verify that each ring life buoy is in satisfactory condition.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if:

1. The required minimum number of approved ring life buoys are not located on a manned platform.
2. The ring life buoys are not marked with the identifying name or number of the platform.
3. The ring life buoys are not located as required.
4. Any ring life buoy is not equipped with an approved and operable water light.
5. Any ring life buoy is not in satisfactory condition.
5. Any ring life buoy is permanently affixed to the platform.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each manned platform inspected.



-175

**IS THE REQUIRED PERSONNEL LIFESAVING EQUIPMENT READILY ACCESSIBLE ON UNMANNED OCS PLATFORMS?**

**Authority:** 33 CFR 144.10-1

**Enforcement Action:** W/C

33 CFR 146.15(a)

**INSPECTION PROCEDURE:**

Verify that the following personnel lifesaving equipment, in compliance with PINC's Z-150 and Z-155, is readily accessible on unmanned platforms:

1. A life preserver or a Type I personal flotation device (PFD) for each person onboard the platform.
2. An approved ring life buoy (Type IV PFD) for every two persons onboard the platform, to a maximum of four ring life buoys.
3. An operable approved automatic electric water light for each ring life buoy.

**Note:** The required ring life buoys may be kept on a manned vessel that remains alongside the platform, if there is no space available on the platform.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if the required personnel lifesaving equipment is not readily accessible on the unmanned platform when personnel are onboard.

Issue a component shut-in (C) INC for the evacuation of the affected personnel if:

1. There are not the same number or greater number of life preservers as there are personnel on the platform.
2. The lifesaving equipment is not in satisfactory condition.

**Note:** In the event of required personnel evacuation, facilities equipped with SCADA systems may continue to be monitored and operated remotely if the Operator chooses to do so. In any case, where removal of any or all personnel poses a safety hazard to personnel, property, or the environment, the facility must be shut in prior to the evacuation of the personnel.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each unmanned platform inspected.

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Z-180

**IF ADDITIONAL PERSONNEL LIFESAVING EQUIPMENT IS ONBOARD AN UNMANNED OCS PLATFORM, DOES IT COMPLY WITH PINC'S Z-150 AND Z-155?**

**Authority:** 33 CFR 144.10-10

**Enforcement Action:** C

**INSPECTION PROCEDURE:**

Verify that any additional personnel lifesaving equipment available onboard an unmanned platform complies with PINC's Z-150 and Z-155.

**IF NONCOMPLIANCE EXISTS:**

Issue a component shut-in (C) INC for the removal of the noncompliant personnel lifesaving equipment if the additional personnel lifesaving equipment available onboard the unmanned platform does not comply with PINC's Z-150 and Z-155.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each unmanned platform inspected.

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**ARE THE REQUIRED NUMBER AND TYPE OF PORTABLE AND SEMI-PORTABLE FIRE EXTINGUISHERS AVAILABLE FOR PERSONNEL SAFETY ON MANNED PLATFORMS AND ON UNMANNED PLATFORMS WHEN CREWS ARE WORKING ON THE PLATFORMS?**

**Authority:** 33 CFR 145

**Enforcement Action:** W/C

**33 CFR 146.15(a)**

**INSPECTION PROCEDURE:**

1. Verify that the following types and numbers of portable and semi-portable fire extinguishers are available:
  - G. One A-II fire extinguisher in each main communicating corridor, not more than 150 feet apart (may be located in stairways).
  - H. One C-II fire extinguisher in the vicinity of the Radio Room exit.
  - I. One A-II fire extinguisher in each sleeping accommodation space, where occupied by more than 4 persons.
  - J. One B-II or C-II fire extinguisher for each 2,500 square feet, or fraction thereof, of Galley.
  - K. One A-II fire extinguisher for each 2,500 square feet, or fraction thereof, of Storeroom, located in the vicinity of exits, either inside or outside of spaces.
  - L. Two B-II (CO<sub>2</sub> or dry chemical) fire extinguishers for gas-fired boilers.
  - M. One B-V fire extinguisher for gas-fired boilers, when a fixed CO<sub>2</sub> system is not installed.
  - N. Two B-II fire extinguishers for oil-fired boilers
  - O. Two B-V fire extinguishers for oil-fired boilers, when a fixed CO<sub>2</sub> system is not installed.
  - P. One B-II fire extinguisher for up to three internal combustion or gas turbine engines, when installed on weather deck or open to the atmosphere at all times.
  - Q. One C-II fire extinguisher for up to two electric motors or generators of open type.

**Note:** Small electrical appliances, such as fans, etc., are not counted or used as basis for determining the number of fire extinguishers required.

2. Verify that each fire extinguisher has a durable name plate permanently attached which states:
  - A. Name of the item.
  - B. Rated capacity in gallons or pounds.
  - C. Name and address of the person or firm that approved the fire extinguisher.
  - D. Identifying mark of the actual manufacturer.
3. Verify that each fire extinguisher are inspected and serviced annually by a servicing company or by company personnel.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if:

2. Name plate with the required information is not installed on each fire extinguisher or the information is not readable.
3. Records do not indicate that fire extinguishers are inspected and serviced annually.

Issue a component shut-in (C) INC for the location and associated equipment if fire extinguishers of the required number and type are not available on the OCS Platform.

**Note:** If the required fire extinguishers are not provided, or there is a serious shortage of the required fire extinguishers, the required fire extinguishers must be immediately provided.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-190

**ARE WELL-MAINTAINED, APPROVED, BUOYANT WORK VESTS AVAILABLE FOR USE BY PERSONNEL WHILE WORKING ON MANNED AND UNMANNED OCS PLATFORMS?**

**Authority:** 33 CFR 146.20

**Enforcement Action:** W/C

**33 CFR 146.135(e)**

NOTE: Work vest are acceptable except during emergency evacuations.

**INSPECTION PROCEDURE:**

5. Verify that buoyant work vests used by personnel when working on an OCS platform are approved by the U.S. Coast Guard.
6. Verify that work vests are in a condition suitable for use, with no torn, broken, or missing parts.
7. Verify that the number of buoyant work vests used by personnel on a platform are not used to reduce the number of required life preservers for that platform.
8. Verify that the work vests are stowed separate from the stowage of approved life preservers in a manner not to easily confuse the location of the work vests with that for approved life preservers.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if buoyant work vests could be easily confused with the stowage of approved life preservers as a result of their stowage location.

Issue a component shut-in (C) INC for removal of any work vests that are not:

1. Serviceable or repairable.
2. Coast Guard approved work vests.

**Note:** If, as a result of this component shut in, an unsafe condition may occur because of inadequate personnel manning; therefore, consideration must be given to shutting in the associated activity.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-195

**IS AN OPERABLE GENERAL ALARM SYSTEM INSTALLED ON A MANNED OCS PLATFORM?**

**Authority:** 33 CFR 146.15(a)

**Enforcement Action:** W/C

**33 CFR 146.105**

**33 CFR 146.135(b)**

**INSPECTION PROCEDURE:**

1. Verify that an operable general alarm system is installed on each manned platform and is audible in all locations on the platform.
2. Verify that the general alarm bell switches are identified by the words "General Alarm" in red letters at least one inch high with a contrasting background.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if the general alarm system on a manned platform is not properly marked.

Issue a component shut-in (C) INC for evacuation of all personnel if the general alarm system on a manned platform:

1. Is not installed.
2. Is not operable.
3. Is not audible in all locations on the platform.

**Note:** In the event of required personnel evacuation, facilities equipped with SCADA systems may continue to be monitored and operated remotely if the Operator chooses to do so. In any case, where removal of any or all personnel poses a safety hazard to personnel, property, or the environment, the facility must be shut in prior to the evacuation of the personnel.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-200

**IS A PERSON ASSIGNED TO EACH LIFE FLOAT, LIFEBOAT, LIFE RAFT, OR SURVIVAL CAPSULE ON A MANNED OCS PLATFORM WHO IS RESPONSIBLE FOR LAUNCHING THE LIFE FLOAT, LIFEBOAT, LIFE RAFT, OR SURVIVAL CAPSULE IN THE EVENT OF AN EMERGENCY?**

**Authority:** 33 CFR 146.120

**Enforcement Action:** W

**INSPECTION PROCEDURE:**

Verify that a person has been assigned to each survival craft on a manned platform that is responsible for launching the survival craft in the event of an emergency.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if any survival craft on a manned platform has not been assigned a person responsible for launching the survival craft.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each platform inspected.

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Z-205

**ARE EMERGENCY DRILLS CONDUCTED ON EACH MANNED OCS PLATFORM?**

**Authority:** 33 CFR 146.125

**Enforcement Action:** W

**DEFINITION:**

**Emergency evacuation plan** – A plan, for each manned platform and approved by the U.S. Coast Guard, in accordance with 33 CFR 146.140, addressing all aspects of a potential emergency evacuation of the platform and listing the people that must be contacted should an emergency evacuation be required. An emergency evacuation plan may cover one or more platforms located in the same general geographic location.

**INSPECTION PROCEDURE:**

5. Verify that the date and time of emergency drills are recorded and the records are maintained for one year.
6. Verify that emergency drills are conducted at least once each month on manned platforms and require all personnel to report to their respective stations.
7. Verify that drills for portions of the emergency evacuation plan are conducted at least once each month on manned platforms by the person in charge.
8. Verify that once each year a complete drill of all aspects of the emergency evacuation plan is conducted.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if the drills are not conducted when required and records of the drills are not maintained for one year.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each manned platform inspected.

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Z-210

**HAS A COMPLETE STATION BILL BEEN PREPARED FOR AND POSTED IN CONSPICUOUS LOCATIONS ON EACH MANNED OCS PLATFORM?**

**Authority:** 33 CFR 146.110

**Enforcement Action:** W/C

33 CFR 146.115

33 CFR 146.130

**DEFINITION:**

**Station bill** – A muster list setting forth the special duties and duty stations of each person on a manned platform for any foreseen emergency.

**INSPECTION PROCEDURE:**

1. Verify that a station bill has been prepared and is posted in conspicuous locations on a manned platform.
2. Verify that the station bill identifies the various signals to be used for calling the personnel to their emergency stations and to abandon the platform.
3. Verify that the station bill is signed by the person in charge.

**IF NONCOMPLIANCE EXISTS:**

Issue a warning (W) INC if a complete and signed station bill is not posted in conspicuous locations on a manned platform.

Issue a component shut-in (C) INC for the evacuation of all personnel if the required station bill has not been prepared.

**Note:** In the event of required personnel evacuation, facilities equipped with SCADA systems may continue to be monitored and operated remotely if the Operator chooses to do so. In any case, where removal of any or all personnel poses a safety hazard to personnel, property, or the environment, the facility must be shut in prior to the evacuation of the personnel.

**INSPECTION COUNT/ INC**

Enter one item checked/ issue one INC for each manned platform inspected.

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