MMS

NATIONAL POTENTIAL INCIDENT OF NONCOMPLIANCE (PINC) AND GUIDELINE LIST

PREFACE

LAST UPDATE MAY, 2008

The Performance and Safety Branch of the Engineering and Operations Division wish to extend our appreciation to all participating MMS personnel and especially the District representatives for their dedicated effort and expertise in providing the MMS Inspection Program with this edition of the National PINC and Guideline List.

Revisions to Guidelines for the National PINC List

The following format is presented as a means for MMS personnel to suggest revisions to the Guidelines to the National PINC List. All suggested revisions will be reviewed by the PINC List Revision Work Group. Before revisions are included in the National PINC List they will be routed to the Regional Supervisors/Field Operations, or their staff, for review and comment. Please submit suggested revisions directly to:

Minerals Management Service
PINC List Revision Work Group
Performance and Safety Branch
Mail Stop 4023
381 Elden Street
Herndon, Virginia 20170

Suggested Revision Format:

PINC Number:
PINC Statement:
Enforcement Action:
Definition:
Inspection Procedure:
If Noncompliance Exists:
Inspection Form:
Rationale: Note

Please be advised:

The guidelines in this document are to be considered the most preferable way of implementing the inspection and enforcement of each PINC and not intended as a directive or to supersede the regulatory language of Title 30 of the Code of Federal Regulations.

Also, the enforcement status of a Facility Shut-in (S) INC or a Component Shut-in (C) INC may not necessarily require the full extent of the enforcement specified. The Inspector has full authority to use their discretion when issuing a Component Shut-in (C) INC. However, when issuing a Facility Shut-in INC the Inspector must solicit approval from the District Manager prior to the actual shut-in of a facility. The only exception to this requirement is when there is an imminent danger to personnel, property, or the environment, exacting a more immediate MMS response.

DESCRIPTION OF THE GUIDELINES TO THE NATIONAL PINC LIST

The Guidelines to the National PINC List establish the procedures for the inspection of lessee operations and facilities by MMS personnel. The use of these guidelines for all inspections will result in an inspection program that is both fair and consistent in all OCS waters. The information provided in the Guidelines to the National PINC List is shown in the following outline of the format:

PINC NUMBER: A unique identifier for the specific requirement.

PINC STATEMENT: The clear and concise description of the requirement.

AUTHORITY: The regulatory authority as found in the Code of Federal Regulations.

ENFORCEMENT ACTION: This is the enforcement action(s) that must be taken by the MMS for an identified violation(s) of the regulations. Enforcement action(s) may result in a complete facility shut-in (S), a component shut-in (C), or a warning (W). A substantial number of the Potential Incidents of Noncompliance (PINCs) provide enforcement actions in all three enforcement categories [W/C; W/C/S]. Multiple enforcement action(s) [W/C; W/C/S] may be issued to document severity of identified violations. When multiple enforcement actions [W/C or W/C/S] are provided in the PINC, the criteria for each level of enforcement action are provided in the "IF NONCOMPLIANCE EXISTS" section of the PINC.

RATIONALE/NOTE: Additional information describing the basis or providing background information pertinent to the requirement stated in the "PINC Statement" block.

DEFINITION: Definitions of terms used in the PINC.

INSPECTION PROCEDURE: Preferred detailed guidelines to be used by MMS personnel to ensure that the stated requirement is met. **However**, **the guidelines in this document are to be considered the preferable method of implementing the enforcement of each PINC and not intended as a directive or to supersede the regulatory language in the Code of Federal Regulations.**

> **INSPECTION COUNT:** Describes the number of items checked to be entered on the inspection form. An incident of noncompliance (INC) must be issued to document any negative (no) answer to a PINC statement.
> Examples:
> 1. **Enter one item checked per facility inspected.**
> One (1) is entered in the "# CK" column on the inspection form and answered one [1] in the "#Y" or "#N".
>
> **2. Enter one item checked for each safety device inspected.**
> A total count of the number of safety devices, components, wells, etc., is entered in the "#CK" column on the inspection form. The total entries in the "#Y", "#N", and "#N/A" columns must correspond to the total count in the "#CK" column.

IF NONCOMPLIANCE EXISTS: Describes the specific enforcement action to be taken for each identified violation and the severity level of each violation of the regulations. Examples:

1. Issue a warning (W) incident of noncompliance when the situation poses no immediate danger to personnel or equipment.
2. Issue a component (C) incident of noncompliance for a specific piece of equipment or location when it is determined to be part of an unsafe situation or it poses an immediate danger to personnel or other equipment and it can be shut-in without affecting the overall safety of the facility.
3. Issue a structure (S) incident of noncompliance when the unsafe situation poses an immediate danger to the entire facility or personnel and the specific piece of equipment or location cannot be shut-in without affecting the overall safety of the facility.

INCIDENT(S) OF NONCOMPLIANCE TO BE ISSUED/ INC COUNT: Dictates the specific number of incident(s) of noncompliance to be issued for identified violation(s) of the regulations. Examples:

1. Issue one incident of noncompliance for each facility inspected.
One (1) incident of noncompliance is issued on each facility inspected with detailed bullet descriptions of the identified violations. Exception to the one incident of noncompliance per facility inspected rule is when multiple enforcement actions [W/C or W/C/S] are provided in the PINC. PINCs with multiple enforcement action(s) [W/C; W/C/S] may dictate that multiple incidents of noncompliance are issued per facility to document severity levels of violations. Such cases will result in the issuance of one incident of noncompliance for the appropriate selected enforcement action with detailed bullet descriptions of the identified violations.

2. Issue one incident of noncompliance for each safety device inspected.
One (1) incident of noncompliance is issued for each safety device, component, well, etc., that is determined to be in violation of the regulations.

Should an immediate shut-in increase the risk to safety or pollution, a statement on the INC shall indicate when the shut-in is to take effect. In an after-the-fact situation where no correction is possible, a warning (W) INC will normally be issued, since a shut-in would serve no useful purpose. However, an after-the-fact INC that may result in Civil Penalty Review (CPR) recommendation should be issued with the appropriate shut-in enforcement action.

ACRONYMS USED

Enforcement Actions

W Warning
C Component Shut-in
S Facility (Platform/Rig) Shut-in

Documents Referenced

ASME Boiler and Pressure Vessel Code

ANSI/ASME SPPE-1 Quality Assurance and Certification of Safety and Pollution Prevention Equipment Used in Oil and Gas Operations

ANSI Z88.2	Practices for Respiratory Protection
API RP 2D	API Recommended Practice for Operation and Maintenance of Offshore Cranes
API RP 13B	API Recommended Practice Standard Procedure for Field Testing Drilling Fluids
API RP 14B	API Recommended Practice for Design, Installation, Repair and Operation of Subsurface Safety Valve Systems
API RP 14C	API Recommended Practice for Analysis, Design, Installation and Testing of Basic Surface Safety Systems for Offshore Production Platforms
API RP 14F	API Recommended Practice for Design and Installation of Electrical Systems for Offshore Production Platforms
API RP 14G	API Recommended Practice for Fire Prevention and Control on Open Type Offshore Production Platforms
API RP 500	API Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2
API RP 505	API Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2

Documents Referenced (cont.)

API RP T2	API Recommended Practice for Qualification Programs for Offshore Production Personnel Who Work with Anti-pollution Safety Devices
ASME B30.4c	Portal, Tower, and Pedestal Cranes

Other Acronyms:

ANSI - American National Standards Institute
APD - Application for Permit to Drill
API - American Petroleum Institute
APM - Application for Permit to Modify
ASME - American Society of Mechanical Engineers
ATC - Automatic Temperature Compensator
ATG - Automatic Temperature Gravity
bar - 1×10^6 dynes per square centimeter
bbl - barrel
BDV - Blowdown Valve
BOP - Blowout Preventer
BSL - Burner Flame Detector (burner safety low)
ccs - cubic centimeters per second
CFR - Code of Federal Regulations
DOCD - Development Operations Coordination Document
EOR - End of Operations Report
ESD - Emergency Shutdown
FSL - Low Flow Sensor (flow safety low)
FSV - Flow Safety Valve (check valve)
gpm - gallons per minute
hp - horsepower
H_2S - Hydrogen Sulfide
ID - Identification
INC - Incident of Noncompliance
PINC - Potential Incident of Noncompliance
LEL - Lower Explosive Limit
LSH - Level Safety High (high level sensor)
LSL - Level Safety Low (low level sensor)
MAOP - Maximum Allowable Operating Pressure
MASP - Maximum Anticipated Surface Pressure
MMS - Minerals Management Service
MODU - Mobile Offshore Drilling Unit
MPMS - Manual of Petroleum Standards
MWD - Measurement-while-drilling
OCS - Outer Continental Shelf
od - outside diameter

Other Acronyms (cont.):

^{o}F - degrees Fahrenheit
pcf - pounds per cubic foot
PFD - Personal Flotation Device
pH - measure of acidity and alkalinity (potential of hydrogen)
POE - Plan of Exploration
ppg - pounds per gallon
ppm - parts per million
PSH - Pressure Safety High (high pressure sensor)
psi - pounds per square inch
psig - pounds per square inch gauge
PSL - Pressure Safety Low (low pressure sensor)
PSV - Pressure Safety Valve (pressure relief valve)
PTO - Power Take off
SAC - Safety Analysis Checklist
SAFE - Safety Analysis Function Evaluation
SCADA - Supervisory Control and Data Acquisition
SCSSV - Surface Controlled Subsurface Safety Valve
SDV - Shutdown Valve
SITP - Shut-in Tubing Pressure
SO_2 - Sulfur Dioxide
SSCSV - Subsurface Controlled Subsurface Safety Valve
SSSV - Subsurface Safety Valve
SSV - Surface Safety Valve
TSE - Temperature Safety Element (fusible material)
TSH - Temperature Safety High (high temperature sensor)
TSL - Temperature Safety Low (low temperature sensor)
TVD - True Vertical Depth
USV - Underwater Safety Valve
UV - Ultraviolet
WOC - Waiting On Cement
WP - Working Pressure

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