

PRODUCTION OPERATIONS

General

| P-100 | ARE PRESSURE-RECORDER DEVICES USED TO DE MAINTAINED AT THE LESSEE'S NEAREST OCS FIE | TERMINE THE CURRENT OPERATING PRESSURE RANGES LD OFFICE? (Last Update -Feb 2022) |
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| | Authority: 30 CFR 250.851(b) 30 CFR 205.852(a)(2) 30 CFR 250.865(b) 30 CFR 250.858(b) | Enforcement Actions: W |
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| P-101 | DO ALL SAFETY SHUTDOWN DEVICES, VALVES, A MODE? (Last Update -Feb 2022) | AND PRESSURE SENSORS FUNCTION IN A MANUAL RESET |
| | <u>Authority</u> : 30 CFR 250.853(a) | Enforcement Actions: C |
| P-102 | • • | OUTDOWN VALVES, SSVs, AND OTHER SHUTDOWN |
| | CONTROLS) PERFORM THEIR DESIGNED FUNCTI ELECTRONIC) TRANSMITTED BY A SENSOR THAT (Last Update -Feb 2022) | ON UPON RECEIVING A SIGNAL (PNEUMATIC OR HAS DETECTED AN ABNORMALCONDITION? |
| | Authority: 30 CFR 250.841(a) | Enforcement Actions: C |
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| P-103 | | ICE, WHICH IS BYPASSED OR BLOCKED OUT OF SERVICE, OUT AINTENANCE AND IS IT FLAGGED AND MONITORED BY |
| | Authority: 30 CFR 250.869(a) 30 CFR 250.1004(c) | Enforcement Actions: C |

| | TESTING OF BASIC SURFACE SAFETY SYSTEMS FOR OFI BY REFERENCE AS SPECIFIED IN 30 CFR250.198). (Last | • |
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| | Authority: 30 CFR 250.841(a) | Enforcement Actions: W/C/S |
| 05 | IS EACH OPEN-ENDED LINE CONNECTED TO PRODUCIN FLANGED? (Last Update -Feb 2022) | G FACILITIES AND WELLS PLUGGED OR BLIND- |
| | Authority: 30 CFR 250.869(d) | Enforcement Actions: W/C |
| 06 | IS NON-METALLIC PIPING SUCH AS POLYVINYL CHLOR REINFORCED FIBERGLASS USED ONLY ON ATMOSPHER WATER PIPING? (Last Update -Feb 2022) | · · |
| | Authority: 30 CFR 250.868 | Enforcement Actions: C |
| | Flaring and Vention | ng of Gas |
| 7 | HAS APPROVAL BEEN RECEIVED WHEN THE OPERATOR WELL FLASH GAS IN EXCESS OF 48 CONTINUOUS HOUR WHEN EQUIPMENT FAILS TO WORK PROPERLY, DURING RELIEVE SYSTEM PRESSURES? (Last Update -Feb 2022) | S OR 144 CUMULATIVE HOURS DURING ANY MONTI IG EQUIPMENT MAINTENANCE AND REPAIR, OR TO |
| | Authority: 30 CFR 250.1160(a)(6)(i) 30 CFR 250.1160(a)(6)(iii) 30 CFR 250.1160(a)(7)(i) 30 CFR 250.1160(a)(7)(iii) | Enforcement Actions: W/C |
| 08 | HAS APPROVAL BEEN RECEIVED WHEN THE OPERATOR | |
| - | MAINTENANCE AND REPAIR, OR TO RELIEVE SYSTEM F | • |
| | Authority: 30 CFR 250 1160(a)(6)(ii) | Enforcement Actions: W/C |

IS THE PLATFORM PROTECTED WITH A BASIC AND ANCILLARY SURFACE SAFETY SYSTEM DESIGNED,

P-104

P-109 HAS THE OPERATOR RECEIVED APPROVAL WHEN FLARING OR VENTING GAS, BEYOND THE THRESHOLDS ALLOWED TO BURN WASTE PRODUCTS SUCH AS H2S, OR TO RESTART A FACILITY THAT WAS SHUT IN BECAUSE OF WEATHER CONDITIONS SUCH AS A HURRICANE, OR HAVE THEY REPORTED THE BLOWDOWN OF A TRANSPORTATION PIPELINE DOWNSTREAM OF THE ROYALTY METER WITHIN 72 HOURS? (Last Update -Feb 2022) Authority: 30 CFR 250.1160(a)(1) **Enforcement Actions: W/C** 30 CFR 250.1160(a)(2) 30 CFR 250.1160(a)(3)(i) DOES THE OPERATOR HAVE APPROVAL TO FLARE OR VENT GAS BEYOND 48 CUMULATIVE HOURS PER P-110 UNLOADING OR CLEANING OR TESTING OPERATION ON A SINGLE COMPLETION? (Last Update -Feb Authority: 30 CFR 250.1160(a)(4) **Enforcement Actions: W/C** P-112 HAS THE OPERATOR VERIFIED THAT OIL-WELL GAS AND/OR GAS-WELL GAS VAPORS FLARED OR VENTED FROM STORAGE VESSELS OR OTHER LOW PRESSURE PRODUCTION VESSELS AVERAGE NO MORE THAN 50 MCF/DAY DURING A CALENDAR MONTH AND THAT THESE SMALL VOLUMES THAT CANNOT BE ECONOMICALLY RECOVERED? (Last Update -Feb 2022) Authority: 30 CFR 250.1160(a)(5) **Enforcement Actions: W/C** P-113 DOES THE OPERATOR MAINTAIN RECORDS FOR A MINIMUM OF 2 YEARS AT THE FACILITY DETAILING DAILY VOLUMES FLARED, VENTED, AND/OR LIQUID HYDROCARBONS BURNED; HOURS FLARED, VENTED, AND/OR BURNED, ON A DAILY AND MONTHLY CUMULATIVE BASIS; REASONS FOR FLARING, VENTING, AND/OR BURNING; WELLS CONTRIBUTING TO THE FLARING, VENTING, AND/OR BURNING ALONG WITH GAS-OIL RATIOS AND DOCUMENTATION OF ALL REQUIRED APPROVALS? (Last Update -Feb 2023) Authority: 30 CFR 250.1163(c)(1) **Enforcement Actions: W** 30 CFR 250.1163(c)(3) FOR FACILITIES THAT PROCESS MORE THAN AN AVERAGE OF 2,000 BOPD IN A CALENDAR MONTH, HAS THE P-114 OPERATOR INSTALLED FLARE/VENT METERS WITHIN 120 DAYS AFTER THE END OF THE MONTH IN WHICH THE AVERAGE AMOUNT OF OIL PROCESSED EXCEEDS 2,000 BOPD, AND DOES THE OPERATOR MAINTAIN METER CALIBRATION ANDMAINTENANCE RECORDS, AND METER RECORDINGS DETAILING BEGINNING TIMES, END TIMES AND VOLUMES FOR ALL FLARING AND VENTING INCIDENTS, FOR A MINIMUM OF 2 YEARS AT THE FACILITY? (Last Update -Feb 2022) Authority: 30 CFR 250.1163(a) **Enforcement Actions: W/C** 30 CFR 250.1163(d)

Production Notification

| P-120 | HAS THE DISTRICT MANAGER BEEN NOTIFIED, PRIOR TO THE COMMENCEMENT OF PRODUCTION, WHEN A FACILITY IS READY FOR A PREPRODUCTION TEST AND AN INSPECTION OF THE INTEGRATED SAFETY SYSTEM? (Last Update -Feb 2022) | | | |
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| | Authority: 30 CFR 250.880(a) | Enforcement Actions: C/S | | |
| P-121 | DID THE OPERATOR RECEIVE APPROVAL FROM THE APPROPI INSTALLING TEMPORARY QUARTERS ON OCS FACILITIES? (La | | | |
| | Authority: 30 CFR 250.867(a) | Enforcement Actions: W/C | | |
| P-122 | DID THE OPERATOR RECEIVE APPROVAL FROM THE APPROP TEMPORARY EQUIPMENT ASSOCIATED WITH THE PRODUCTI USED FOR WELL TESTING AND/OR WELLCLEAN-UP? (Last Up | ON PROCESS SYSTEM, INCLUDING EQUIPMENT | | |
| | <u>Authority</u> : 30 CFR 250.867(c) | Enforcement Actions: W/C | | |
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| | Fire Water System | | | |
| P-130 | IS AN APPROVED FIREWATER SYSTEM, CONSISTING OF RIGID FIREWATER MONITORS, OR IS AN OPERABLE CHEMICAL SYST INSTALLED TO PROVIDE PROTECTION IN ALL AREAS WHERE I LOCATED? (Last Update -Feb 2022) | EM, APPROVED BY THE DISTRICT MANAGER, | | |
| | Authority: 30 CFR 250.859(a) 30 CFR 250.860 | Enforcement Actions: S | | |
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| P-131 | IS A FIXED WATER SPRAY SYSTEM INSTALLED IN ENCLOSED W VAPORSMAYACCUMULATE? (Last Update -Feb 2022) | ELL-BAY AREAS WHERE HYDROCARBON | | |
| | Authority: 30 CFR 250.859(a) | Enforcement Actions: S | | |
| P-132 | IS FUEL OR POWER FOR FIREWATER PUMP DRIVERS AVAILABL DURING A PLATFORM SHUT-IN, AND ARE ALL NEW FIREWATE STARTING CAPABILITIES UPON ACTIVATION OF THE ESD? (La | ER PUMPDRIVERS EQUIPPED WITH AUTOMATIC | | |
| | Authority: 30 CFR 250.859(a)(2) | Enforcement Actions: S | | |
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| P-133 | IS A DIAGRAM OF THE FIREFIGHTING SYSTEM SHOWING THE LOCATION OF ALL FIREFIGHTING EQUIPMENT POSTED IN A PROMINENT PLACE ON THE FACILITY? (Last Update -Feb 2022) | | | |
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| | Authority: 30 CFR 250.859(a)(3) | Enforcement Actions: W | | |
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| P-134 | FOAM CONCENTRATES AND THEIR TANKS OR STOR | E OPERATOR CONDUCT ANNUAL INSPECTIONS OF THE AGE CONTAINERS FOR EVIDENCE OF EXCESSIVE SOF THE FOAM CONCENTRATE TO THE MANUFACTURER | | |
| | Authority: 30 CFR 250.859(a)(6) Good Working Orde 30 CFR 250.861 Foam Firefighting System | | | |
| | SUCFN 250.601 Fualii Firefighting System | 1 | | |
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| | Gas-Detectio | n System | | |
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| P-150 | | I SYSTEMS INSTALLED IN ALL INADEQUATELY GNAL AN ALARM AT NO GREATER THAN 25 PERCENT LEL, TYPE) WHEN LEVELS REACH NO MORE THAN 60 PERCENT | | |
| | Authority: 30 CFR 250.862(a) | Enforcement Actions: W/C | | |
| | 30 CFR 250.862(b) | | | |
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| P-153 | IS A FUEL-GAS ODORANT OR AN AUTOMATIC GAS-I ENCLOSED, CONTINUOUSLY MANNED AREAS OF TH (Last Update -Feb 2022) | | | |
| | Authority: 30 CFR 250.862(c) | Enforcement Actions: W/C | | |
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| P-154 | IS EACH GAS-DETECTION SYSTEM INSTALLED IN ACC 14F? (Last Update -Feb 2022) | ORDANCE WITH API RP 14C, API RP 14G, AND API RP | | |
| | Authority: 30 CFR 250.862(e) | Enforcement Actions: C | | |
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| P-155 | IS EACH COMBUSTIBLE GAS-DETECTION SYSTEM TESONCE EVERY 3 MONTHS? (Last Update -Feb 2022) | STED FOR OPERATION AND RECALIBRATED AT LEAST | | |
| | Authority: 30 CFR 250.880(c)(3)(ii) | Enforcement Actions: W/C | | |
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Fire-Detection System

| P-170 | ARE FIRE (FLAME, HEAT, OR SMOKE) SENSORS OF THE CONTINUOUS MONITORING TYPE AND EQUIPPED WITH A MANUAL RESET INSTALLED IN ALL ENCLOSED CLASSIFIED AREAS? (Last Update -Feb 2022) | | |
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| | Authority: 30 CFR 250.862(a) 30 CFR 250.862(b) | Enforcement Actions: W/C | |
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| P-173 | IS EACH FIRE-DETECTION SYSTEM INSTALLED IN ACCORDANCE WIT 14F? (Last Update -Feb 2022) | TH API RP 14C, API RP 14G, AND API RP | |
| | <u>Authority</u> : 30 CFR 250.862(e) | Enforcement Actions: C | |
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| P-175 | DOES ACTIVATION OF THE FIRE LOOP SYSTEM OR OTHER FIRE DET | ECTION SYSTEMS OF AUTOMATIC | |
| F-1/3 | DETECTION OF AN ABNORMAL CONDITION, INITIATE SURFACE AND Update -Feb 2022) | | |
| | Authority: 30 CFR 250.818(c) 30 CFR 250.841(a) | Enforcement Actions: C/S | |
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| P-176 | IS EACH FIRE-DETECTION SYSTEM TESTED FOR OPERATION AND RI MONTHS? (Last Update -Feb 2022) | E-CALIBRATED AT LEAST ONCE EVERY 3 | |
| | Authority: 30 CFR 250.880(c)(3)(ii) | Enforcement Actions: W/C | |
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| P-177 | ARE OPEN FLAMES OR DEVICES OPERATING AT TEMPERATURES W MIXTURE NOT USED FOR TESTING? (Last Update -Feb 2022) | HICH COULD IGNITE A METHANE-AIR | |
| | <u>Authority</u> : 30 CFR 250.880(c)(3)(ii) | Enforcement Actions: C | |
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Fusible Material

| P-200 | ARE TSES LOCATED IN ACCORDANCE WITH TABLE C1 O | F API RP 14C? (Last Update -Feb 2022) |
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| | Authority: 30 CFR 250.841(a) 30 CFR 250.1004(b)(9) 30 CFR 250.865(f) | Enforcement Actions: C |
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| P-209 | IS A FIRE DETECTION SYSTEM LOCATED IN ACCORDANCE MOTORS? (Last Update -Feb 2022) | WITH API RP 14 J APPENDIX B.1.1.2 FOR ELECTRIC |
| | Authority: 30 CFR 250.800 30 CFR 250.901(a)(14) | Enforcement Actions: C |
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| P-210 | IS A TSE LOCATED WITHIN 5 FEET OF EACH BSDV? (Last U | pdate -Feb 2022) |
| | <u>Authority</u> : 30 CFR 250.835(d) | Enforcement Actions: C |
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| | ESD System | |
| P-231 | IS AN OPERABLE ESD STATION LOCATED AS REQUIRED BY | APPENDIX C OF API RP 14C? (Last Update -Feb 2022) |
| | Authority: 30 CFR 250.855 | Enforcement Actions: S |
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| P-238 | IS A SCHEMATIC OF THE ESD SYSTEM MAINTAINED ON THE FIELD OFFICE? (Last Update -Feb 2022) | HE FACILITY OR AT THE LESSEE'S NEAREST OCS |
| | Authority: 30 CFR 250.855(b) | Enforcement Actions: W |
| | | |
| P-239 | IS THE ESD SYSTEM EQUIPPED WITH MANUALLY OPERAT VALVES? (Last Update -Feb 2022) | ED, QUICK-OPENING, AND NON-RESTRICTED |
| | <u>Authority</u> : 30 CFR 250.855(a) | Enforcement Actions: S |
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| P-240 | DOES THE SSV AND SDV ON ALL OTHER PROCESS COMPOR AUTOMATIC DETECTION OF AN ABNORMAL CONDITION O Update -Feb 2022) | |
| | Authority: 30 CFR 250.821(b) – SSV 30 CFR 250.855 – SDV | Enforcement Actions: C/S |

| P-241 | DOES THE SURFACE-CONTROLLED SSSV CLOSE WITHIN 2 MINUTES AFTER THE ESD OR FIRE DETECTION SYSTEM SHUT-IN SIGNAL HAS CLOSED THESSV? (Last Update -Feb 2022) | | | |
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| | Authority: 30 CFR 250.821(b) | Enforcement Actions: C/S | | |
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| P-242 | IS EACH ESD SYSTEM TESTED FOR OPERATION? (L | ast Update -Feb 2022) | | |
| | Authority: 30 CFR 250.880(c)(3)(iii) 30 CFR 250.880(c)(4)(iv) 30 CFR 250.880(c)(4)(v) | Enforcement Actions: W/C | | |
| P-243 | IS EACH ESD SYSTEM TEST CONDUCTED BY ALTERI WELLHEAD SSV AND VERIFY SURFACE-CONTROLLI CONTROL CIRCUITRY ACTUATION? (Last Update - Authority: 30 CFR 250.880(c)(3)(iii) | ED SSSV CLOSURE FOR THAT WELL AS INDICATED BY | | |
| | | | | |
| | Subsurface Sa | afety Devices | | |
| P-260 | ARE ALL TUBING INSTALLATIONS OPEN TO A HYDI NATURAL FLOW EQUIPPED WITH AN SSSV? (Last | ROCARBON-BEARING ZONE WHICH IS CAPABLE OF Update -Feb 2022) | | |
| | Authority: 30 CFR 250.810 30 CFR 250.825(a) | Enforcement Actions: C | | |
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| P-261 | FOR A PERIOD OF MORE THAN 6 MONTHS EQUIP | PLACED ON PRODUCTION) AND COMPLETIONS SHUT-IN PED WITH EITHER (1) A PUMP-THROUGH TYPE TUBING IE SURFACE CONTROL RENDERED INOPERATIVE; OR (3) AN FLOW? (Last Update -Feb 2022) | | |
| | Authority: 30 CFR 250.815 30 CFR 250.829(a) | Enforcement Actions: W | | |
| P-262 | IS A SURFACE-CONTROLLED SSSV OR AN INJECTIO IN EACH INJECTION WELL? (Last Update -Feb 2022) | N VALVE CAPABLE OF PREVENTING BACK FLOW INSTALLED 2) | | |
| | Authority: 30 CFR 250.816 30 CFR 250.830 30 CFR 250.874(a) | Enforcement Actions: C | | |
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IS A SUBSURFACE SAFETY DEVICE INSTALLED AT A DEPTH OF 100 FEET OR MORE BELOW THE SEA FLOOR P-263 WITHIN 2 DAYS AFTER PRODUCTION IS ESTABLISHED? (Last Update -Feb 2022) Authority: 30 CFR 250.814(a) **Enforcement Actions: W/C** 30 CFR 250.828(a) P-264 IF THE SSSV IS REMOVED AND THE ZONE IS OPEN TO FLOW, IS FLOWING NECESSARY FOR THE OPERATION BEING CONDUCTED? (Last Update -Feb 2022) Authority: 30 CFR 250.814(c) **Enforcement Actions: W/C** P-265 IS A PERSON IN THE IMMEDIATE VICINITY OF THE WELL IF THE MASTER VALVE IS OPEN AND THE SUBSURFACE SAFETY DEVICE IS NOTINSTALLED? (Last Update -Feb 2022) **Authority: 30 CFR 250.817 Enforcement Actions: C** P-267 ARE ALL TUBING INSTALLATIONS IN WHICH A WIRELINE OR PUMPDOWN- RETRIEVABLE SUBSURFACE SAFETY DEVICE IS INSTALLED EQUIPPED WITH A LANDING NIPPLE WITH FLOW COUPLINGS OR OTHER PROTECTIVE EQUIPMENT ABOVE AND BELOW TO PROVIDE FOR THE SETTING OF THE SSSV? (Last Update -Feb 2022) **Authority: 30 CFR 250.810 Enforcement Actions: C** 30 CFR 250.818(a) 30 CFR 250.832(a) P-268 DOES EACH SURFACE-CONTROLLED AND SUBSURFACE-CONTROLLED SSSV AND ASSOCIATED SAFETY VALVE LOCK AND LANDING NIPPLE CONFORM TO THE CERTIFICATION REQUIREMENTS IN 30 CFR 250.801 THROUGH 802? (Last Update -Feb 2022) **Authority: 30 CFR 250.802 Enforcement Actions: C** P-267 WHEN THE SUBSURFACE SAFETY DEVICE HAS BEEN REMOVED FOR MORE THAN 15 DAYS HAS BSEE APPROVAL BEEN GIVEN? (Last Update -Feb 2022) Authority: 30 CFR 250.817(a) **Enforcement Actions: W/C**

| P-268 | WHEN THE SUBSURFACE SAFETY DEVICE HAS BEEN REMOVED, IS THE WELL IDENTIFIED BY A SIGN ON THE WELLHEAD STATING THAT THE SUBSURFACE SAFETY DEVICE HAS BEEN REMOVED? (Last Update -Feb 2022) | | | |
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| | Authority: 30 CFR 250.817(b) | Enforcement Actions: W/C | | |
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| P-269 | WHEN THE SUBSURFACE SAFETY DEVICE HAS BEEN REMOVE STRUCTURE, IS THE WELL ATTENDED? (Last Update -Feb 20) | | | |
| | Authority: 30 CFR 250.817(c) | Enforcement Actions: W/C | | |
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| | Subsurface Safety Device T | esting | | |
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| P-280 | IS EACH SURFACE-CONTROLLED SSSV INSTALLED IN A WELL AT INTERVALS NOT EXCEEDING 6 MONTHS AND REMOVED, IT DOES NOT OPERATE PROPERLY? (Last Update -Feb 2022) | REPAIRED AND REINSTALLED, OR REPLACED, IF | | |
| | Authority: 30 CFR 250.880(c)(1)(i) | Enforcement Actions: W/C | | |
| | 30 CFR 250.880(c)(4)(i) | | | |
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| P-281 | IS EACH SUBSURFACE-CONTROLLED SSSV INSTALLED IN A W ADJUSTED, AND REINSTALLED OR REPLACED AS NECESSARY | AT INTERVALS NOT EXCEEDING 6 MONTHS FOR | | |
| | THOSE VALVES NOT INSTALLED IN A LANDING NIPPLE AND 1 LANDING NIPPLE? (Last Update -Feb 2022) | 2 MONTHS FOR THOSE VALVES INSTALLED IN A | | |
| | Authority: 30 CFR 250.880(c)(1)(ii) | Enforcement Actions: W/C | | |
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| P-283 | IS EACH TUBING PLUG INSTALLED IN A WELL TESTED FOR LE. MONTHS AND REMOVED, REPAIRED AND REINSTALLED, OR Feb 2022) | | | |
| | Authority: 30 CFR 250.880(c)(1)(iii) | Enforcement Actions: W | | |
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| P-284 | IS EACH INJECTION VALVE INSTALLED IN A WELL INSPECTED MONTHS AND REMOVED, REPAIRED AND REINSTALLED, OR 2022) | | | |
| | Authority: 30 CFR 250.880(c)(1)(iv) | Enforcement Actions: W/C | | |
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Surface Safety Device Records

| | Authority: 30 CFR 250.880(c)(3)(i) | Enforcement Actions: W/S |
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| P-301 | IS EACH PNEUMATIC PSH. PSI. LSH. LSI. TESTED FOR O | PERATION AT LEAST ONCE EACH MONTH, WITH NO MORE |
| . 501 | THAN 6 WEEKS ELAPSING BETWEEN TESTS? (Last Upd | |
| | Authority: 30 CFR 250.880(c)(3)(x) | Enforcement Actions: W/C |
| P-305 | IS EACH AUTOMATIC INLET SDV AND EACH LIQUID DIS EACH MONTH, WITH NO MORE THAN 6 WEEKS ELAPSI | CHARGE SDV TESTED FOR OPERATION AT LEAST ONCE NG BETWEEN TESTS? (Last Update -Feb 2022) |
| | <u>Authority</u> : 30 CFR 250.880(c)(2)(ii) 30 CFR 250.880(c)(2)(iii) | Enforcement Actions: W/C |
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| P-307 | IS EACH SSV TESTED FOR OPERATION AT LEAST ONCE ELAPSING BETWEEN TESTS, AND REPAIRED OR REPLACE | |
| | Authority: 30 CFR 250.880(c)(2)(iv) | Enforcement Actions: W/C |
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| P-308 | IS EACH FLOWLINE FSV TESTED FOR OPERATION AT LE | |
| P-308 | IS EACH FLOWLINE FSV TESTED FOR OPERATION AT LE WEEKS ELAPSING BETWEEN TESTS, AND REPAIRED OR Feb 2022) | |
| P-308 | WEEKS ELAPSING BETWEEN TESTS, AND REPAIRED OR | |
| P-308 | WEEKS ELAPSING BETWEEN TESTS, AND REPAIRED OR Feb 2022) | REPLACED IF FOUND DEFECTIVE? (Last Update - |
| P-308 | WEEKS ELAPSING BETWEEN TESTS, AND REPAIRED OR Feb 2022) | REPLACED IF FOUND DEFECTIVE? (Last Update - Enforcement Actions: W/C INSTALLATIONS NONDESTRUCTIVE TESTED FOR |
| | WEEKS ELAPSING BETWEEN TESTS, AND REPAIRED OR Feb 2022) Authority: 30 CFR 250.880(c)(2)(v) IS EACH TSH SHUTDOWN CONTROL ON COMPRESSOR OPERATION AT LEAST ONCE EVERY 6 MONTHS AND RE | REPLACED IF FOUND DEFECTIVE? (Last Update - Enforcement Actions: W/C INSTALLATIONS NONDESTRUCTIVE TESTED FOR |
| | WEEKS ELAPSING BETWEEN TESTS, AND REPAIRED OR Feb 2022) Authority: 30 CFR 250.880(c)(2)(v) IS EACH TSH SHUTDOWN CONTROL ON COMPRESSOR OPERATION AT LEAST ONCE EVERY 6 MONTHS AND RE Update -Aug 2023) | Enforcement Actions: W/C INSTALLATIONS NONDESTRUCTIVE TESTED FOR PAIRED OR REPLACED IF FOUND DEFECTIVE? (Last |
| P-309 | WEEKS ELAPSING BETWEEN TESTS, AND REPAIRED OR Feb 2022) Authority: 30 CFR 250.880(c)(2)(v) IS EACH TSH SHUTDOWN CONTROL ON COMPRESSOR OPERATION AT LEAST ONCE EVERY 6 MONTHS AND RE Update -Aug 2023) Authority: 30 CFR 250.880(c)(3)(v) | Enforcement Actions: W/C INSTALLATIONS NONDESTRUCTIVE TESTED FOR EPAIRED OR REPLACED IF FOUND DEFECTIVE? (Last Enforcement Actions: W/C |
| | WEEKS ELAPSING BETWEEN TESTS, AND REPAIRED OR Feb 2022) Authority: 30 CFR 250.880(c)(2)(v) IS EACH TSH SHUTDOWN CONTROL ON COMPRESSOR OPERATION AT LEAST ONCE EVERY 6 MONTHS AND RE Update -Aug 2023) | Enforcement Actions: W/C INSTALLATIONS NONDESTRUCTIVE TESTED FOR EPAIRED OR REPLACED IF FOUND DEFECTIVE? (Last Enforcement Actions: W/C |

| -311 | IS EACH BSL TESTED FOR OPERATION AT LEAST ONCE Authority: 30 CFR 250.880(c)(3)(vi) | EVERY 12 MONTHS? (Last Update -Feb 2022) Enforcement Actions: W/C |
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| -312 | IS EACH FSL TESTED FOR OPERATION AT LEAST ONCE Authority: 30 CFR 250.880(c)(3)(vii) | EVERY 12 MONTHS? (Last Update -Feb 2022) Enforcement Actions: W/C |
| -313 | IS EACH PSV TESTED FOR OPERATION AT LEAST ONCE <u>Authority</u> : 30 CFR 250.880(c)(2)(i) | EVERY 12 MONTHS? (Last Update -Feb 2022) Enforcement Actions: W/C |
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| -314 | IS EACH ELECTRONIC PSH, PSL, LSH, LSL TESTED FOR C THAN 120 DAYS ELAPSING BETWEEN TESTS? (Last Up | · · · · · · · · · · · · · · · · · · · |
| -314 | | · · · · · · · · · · · · · · · · · · · |
| | THAN 120 DAYS ELAPSING BETWEEN TESTS? (Last Up | Enforcement Actions: W/C Enforcement Actions: W/C AST ONCE EVERY 3 CALENDAR MONTHS, NOT TO CTION PROPERLY, OR IF A LIQUID LEAKAGE RATE > 46 ERATE > 15 CUBIC FEET PER MINUTE IS OBSERVED, TI |
| | THAN 120 DAYS ELAPSING BETWEEN TESTS? (Last Up Authority: 30 CFR 250.880(c)(3)(ix) IS EACH PRIMARY USV TESTED FOR OPERATION AT LE EXCEED 120 DAYS AND IF THE DEVICE DOES NOT FUN CUBIC CENTIMETERS PER MINUTE OR A GAS LEAKAGE | Enforcement Actions: W/C Enforcement Actions: W/C AST ONCE EVERY 3 CALENDAR MONTHS, NOT TO CTION PROPERLY, OR IF A LIQUID LEAKAGE RATE > 46 ERATE > 15 CUBIC FEET PER MINUTE IS OBSERVED, TI |
| -314 -318 | THAN 120 DAYS ELAPSING BETWEEN TESTS? (Last Up Authority: 30 CFR 250.880(c)(3)(ix) IS EACH PRIMARY USV TESTED FOR OPERATION AT LE EXCEED 120 DAYS AND IF THE DEVICE DOES NOT FUN CUBIC CENTIMETERS PER MINUTE OR A GAS LEAKAGE VALVE MUST BE REMOVED, REPAIRED, AND REINSTAN | Enforcement Actions: W/C EAST ONCE EVERY 3 CALENDAR MONTHS, NOT TO CTION PROPERLY, OR IF A LIQUID LEAKAGE RATE > 46 ERATE > 15 CUBIC FEET PER MINUTE IS OBSERVED, TILLED, OR REPLACED? (Last Update -Feb 2022) Enforcement Actions: W/C E EACH MONTH, NOT TO EXCEED 6 WEEKS AND IF THUSING LEAKAGE RATE IS |

Records

| P-320 | DOES THE LESSEE MAINTAIN RECORDS FOR A PERIOD OF 2 YEARS AT THE LESSEE'S NEAREST OCS FIELD OFFICE THAT INCLUDE DATES AND DETAILS OF INSTALLATION, REMOVAL, INSPECTION, TESTING, REPAIRING, ADJUSTMENTS AND REINSTALLATION FOR EACH SUBSURFACE AND SURFACE SAFETY DEVICE INSTALLED? (Last Update -Feb 2022) | |
|-------|--|--|
| | Authority: 30 CFR 250.890(b) Enforcement Actions: W/C | |
| P-321 | HAS THE OPERATOR SUBMITED TO THE APPROPRIATED DISTRICT MANAGER A CONTACT LIST FOR ALL OCS OPERATED PLATFORMS AT LEAST ANNUALLY OR WHEN CONTACT INFORMATION IS REVISED? (Last Update -Feb 2022) | |
| | Authority: 30 CFR 250.890(c) Enforcement Actions: W | |
| | Surface (Non-Pipeline) Pumps | |
| P-340 | IS EACH NON-PIPELINE PUMP EQUIPPED WITH APSH AND PSL? (Last Update -Feb 2022) | |
| | Authority: 30 CFR 250.865(a) – PSH and PSL installed 30 CFR 250.865(c) – PSH/PSL set psi/test tolerance 30 CFR 250.865(d) - PSL > 45 seconds surface pumps 30 CFR 250.870(a) - PSL time delays | |
| | | |
| P-342 | IS EACH NON-PIPELINE PUMP EQUIPPED WITH A PSV? (Last Update -Feb 2022) Authority: 30 CFR 250.865(a) Enforcement Actions: C | |
| | | |
| P-343 | IS EACH NON-PIPELINE PUMP EQUIPPED WITH AFSV? (Last Update -Feb 2022) Authority: 30 CFR 250.865(a) Enforcement Actions: C | |
| | | |
| P-344 | IS EACH GLYCOL POWERED GLYCOL PUMP EQUIPPED WITH A SDV? (Last Update -Feb 2022) Authority: 20 CEP 250 865(a) | |
| | Authority: 30 CFR 250.865(a) Enforcement Actions: C | |

Subsea (Non-Pipeline) Pumps

| P-350 | IS EACH SUI | BSEA PUMP EQUIPPED WITH PSH(s)? (Las | st Update -Feb 2022) | |
|-------|--------------------|---|------------------------------------|---------------------|
| | | 30 CFR 250.875(b) 30 CFR 250.875(c)(1) 30 CFR 250.875(e)(2) | Enforcement Actions: | w/c |
| | | | | |
| P-351 | IS EACH SUI | SSEA PUMP EQUIPPED WITHPSL(s)? (Las | t Update -Feb 2022) | |
| | Authority: | 30 CFR 250.875(b) 30 CFR 250.875(c)(1) 30 CFR 250.875(e)(2) | Enforcement Actions: | w/c |
| | | | | |
| P-352 | IS EACH SUI | SSEA PUMP EQUIPPED WITH AN ISOLATIO | ON VALVE AT THE INLET OF THE PUMP | ? (Last Update -Feb |
| | Authority: | 30 CFR 250.875(a) | Enforcement Actions: | С |
| | | | | |
| | | Gas Lift and In | jection Lines | |
| P-361 | IS EACH W 2022) | ELLHEAD INJECTION LINE AND GAS LIFT L | INE EQUIPPED WITH A PSH AND PSL? | (Last Update -Feb |
| | <u>Authority</u> : | 30 CFR 250.841(a) – Dry Tree C 30 CFR 250.873(b) – Subsea Tree 30 CFR 250.874(c) – Subsea Tree | Enforcement Action | ons: |
| P-364 | IS EACH W | ELLHEAD INJECTION LINE AND GAS LIFT L | INE EQUIPPED WITH A FSV? (Last Upd | late -Feb 2022) |
| | <u>Authority</u> : | 30 CFR 250.841(a) C 30 CFR 250.1004(b)(7) | Enforcement Acti | ons: |
| | | | | |
| P-365 | | PPARTING SUBSEA GAS LIFT SUPPLY (GLS) PPED WITH AN FSV? (Last Update -Feb 20 | | R INJECTION (WI) |
| | <u>Authority</u> : | 30 CFR 250.873(b)(1) C 30 CFR 250.873(b)(2) 30 CFR 250.873(b)(3) 30 CFR 250.874(b) | Enforcement Action | ons: |

| P-367 IS EACH SUBSEA GAS LIFT INJECTION POINT EQUIPPED WITH A GAS LIFT INJECTION VALVE (GLIV)? (Last Update Feb 2022) Authority: 30 CFR 250.873(b)(12)(ii) | P-366 | | EPARTING SUBSEA GAS LIFT SUPPLY LIN (Last Update -Feb 2022) | IE EQUIPPED WITH A GAS LIFT SHUT DOWN VALVE | | | | |
|---|-------|--------------------|---|---|--|--|--|--|
| P-369 IS EACH DEPARTING WATER INJECTION LINE EQUIPPED WITH A WATER INJECTION SHUT DOWN VALVE (WISDV)? (Last Update-Feb 2022) Authority: 30 CFR 250.874(g)(1) P-369 IS EACH DEPARTING WATER INJECTION LINE EQUIPPED WITH A WATER INJECTION SHUT DOWN VALVE (WISDV)? (Last Update-Feb 2022) Authority: 30 CFR 250.874(g)(1) Enforcement Actions: Headers P-380 IS EACH HEADER EQUIPPED WITH A PSH AND PSL? (Last Update-Feb 2022) Authority: 30 CFR 250.841(a) C 30 CFR 250.852 Enforcement Actions: P-385 IF A NECESSARY ALTERATION OR DISCONNECTION OF THE PIPELINE OR UMBILICAL OF ANY SUBSEA WELL AFFECTS THE OPERATORS ABILITY TO MONITOR CASING PRESSURE OR TO TEST ANY SUBSEA VALVES OR EQUIPMENT, DID THE OPERATOR NOTIFY THE APPROPRIATE DISTRICT OFFICE AT LEAST 48 HOUR IN ADVANCE AND SUBMITH A REPAIR OR REPLACEMENT PLAN? (Last Update-Feb 2022) Authority: 30 CFR 250.831 W 30 CFR 250.880(a)(3) 30 CFR 250.880(a)(2)(i) DID THE OPERATOR FOLLOW THE VALVE CLOSURE TIMING TABLE FOR ELECTRO- HYDRAULIC CONTROL SYSTEMS? (Last Update-Feb 2022) | | <u>Authority</u> : | | Enforcement Actions: | | | | |
| P-369 IS EACH DEPARTING WATER INJECTION LINE EQUIPPED WITH A WATER INJECTION SHUT DOWN VALVE (WISDV)? (Last Update -Feb 2022) Authority: 30 CFR 250.874(b) Enforcement Actions: C 30 CFR 250.874(g)(1) P-380 IS EACH HEADER EQUIPPED WITH A PSH AND PSL? (Last Update -Feb 2022) Authority: 30 CFR 250.841(a) Enforcement Actions: C 30 CFR 250.852 P-385 IF A NECESSARY ALTERATION OR DISCONNECTION OF THE PIPELINE OR UMBILICAL OF ANY SUBSEA WELL AFFECTS THE OPERATORS ABILITY TO MONITOR CASINO PRESSURE OR TO TEST ANY SUBSEA VALVES OR EQUIPMENT, DID THE OPERATOR NOTIFY THE APPROPRIATE DISTRICT OFFICE AT LEAST 48 HOUR IN ADVANCE AND SUBMIT A REPAIR OR REPLACEMENT PLAN? (Last Update -Feb 2022) Authority: 30 CFR 250.831 W 30 CFR 250.880(a)(2)(1) DID THE OPERATOR FOLLOW THE VALVE CLOSURE TIMING TABLE FOR ELECTRO-HYDRAULIC CONTROL SYSTEMS? (Last Update -Feb 2022) | P-367 | | IBSEA GAS LIFT INJECTION POINT EQUI | PPED WITH A GAS LIFT INJECTION VALVE (GLIV)? (Last Update - | | | | |
| (WISDV)? (Last Update -Feb 2022) Authority: 30 CFR 250.874(g)(1) Headers P-380 IS EACH HEADER EQUIPPED WITH APSH AND PSL? (Last Update -Feb 2022) Authority: 30 CFR 250.841(a) C 30 CFR 250.852 Enforcement Actions: C 30 CFR 250.852 P-385 IF A NECESSARY ALTERATION OR DISCONNECTION OF THE PIPELINE OR UMBILICAL OF ANY SUBSEA WELL AFFECTS THE OPERATORS ABILITY TO MONITOR CASING PRESSURE OR TO TEST ANY SUBSEA VALVES OR EQUIPMENT, DID THE OPERATOR NOTIFY THE APPROPRIATE DISTRICT OFFICE AT LEAST 48 HOUR IN ADVANCE AND SUBMIT A REPAIR OR REPLACEMENT PLAN? (Last Update -Feb 2022) Authority: 30 CFR 250.831 W 30 CFR 250.880(a)(3) 30 CFR 250.880(d)(2)(i) DID THE OPERATOR FOLLOW THE VALVE CLOSURE TIMING TABLE FOR ELECTRO- HYDRAULIC CONTROL SYSTEMS? (Last Update -Feb 2022) | | <u>Authority</u> : | C 30 CFR 250.873(b)(2) 30 CFR 250.873(b)(3)(iii) | Enforcement Actions: | | | | |
| P-380 IS EACH HEADER EQUIPPED WITH A PSH AND PSL? (Last Update -Feb 2022) Authority: 30 CFR 250.841(a) Enforcement Actions: C 30 CFR 250.852 IF A NECESSARY ALTERATION OR DISCONNECTION OF THE PIPELINE OR UMBILICAL OF ANY SUBSEA WELL AFFECTS THE OPERATORS ABILITY TO MONITOR CASING PRESSURE OR TO TEST ANY SUBSEA VALVES OR EQUIPMENT, DID THE OPERATOR NOTIFY THE APPROPRIATE DISTRICT OFFICE AT LEAST 48 HOUR IN ADVANCE AND SUBMIT A REPAIR OR REPLACEMENT PLAN? (Last Update -Feb 2022) Authority: 30 CFR 250.831 W 30 CFR 250.880(a)(3) 30 CFR 250.880(d)(2)(i) DID THE OPERATOR FOLLOW THE VALVE CLOSURE TIMING TABLE FOR ELECTRO- HYDRAULIC CONTROL SYSTEMS? (Last Update -Feb 2022) | P-369 | | • | IPPED WITH A WATER INJECTION SHUT DOWN VALVE | | | | |
| P-380 IS EACH HEADER EQUIPPED WITH A PSH AND PSL? (Last Update -Feb 2022) Authority: 30 CFR 250.841(a) | | <u>Authority</u> : | | Enforcement Actions: | | | | |
| P-385 IF A NECESSARY ALTERATION OR DISCONNECTION OF THE PIPELINE OR UMBILICAL OF ANY SUBSEA WELL AFFECTS THE OPERATORS ABILITY TO MONITOR CASING PRESSURE OR TO TEST ANY SUBSEA VALVES OR EQUIPMENT, DID THE OPERATOR NOTIFY THE APPROPRIATE DISTRICT OFFICE AT LEAST 48 HOUR IN ADVANCE AND SUBMIT A REPAIR OR REPLACEMENT PLAN? (Last Update -Feb 2022) Authority: 30 CFR 250.880 (a)(3) 30 CFR 250.880(d)(2)(i) P-390 DID THE OPERATOR FOLLOW THE VALVE CLOSURE TIMING TABLE FOR ELECTRO- HYDRAULIC CONTROL SYSTEMS? (Last Update -Feb 2022) | | | <u>Header</u> | <u>s</u> | | | | |
| P-385 IF A NECESSARY ALTERATION OR DISCONNECTION OF THE PIPELINE OR UMBILICAL OF ANY SUBSEA WELL AFFECTS THE OPERATORS ABILITY TO MONITOR CASING PRESSURE OR TO TEST ANY SUBSEA VALVES OR EQUIPMENT, DID THE OPERATOR NOTIFY THE APPROPRIATE DISTRICT OFFICE AT LEAST 48 HOUR IN ADVANCE AND SUBMIT A REPAIR OR REPLACEMENT PLAN? (Last Update -Feb 2022) Authority: 30 CFR 250.831 W 30 CFR 250.880(a)(3) 30 CFR 250.880(d)(2)(i) P-390 DID THE OPERATOR FOLLOW THE VALVE CLOSURE TIMING TABLE FOR ELECTRO- HYDRAULIC CONTROL SYSTEMS? (Last Update -Feb 2022) | P-380 | IS EACH HE | IS EACH HEADER EQUIPPED WITH A PSH AND PSL? (Last Update -Feb 2022) | | | | | |
| AFFECTS THE OPERATORS ABILITY TO MONITOR CASING PRESSURE OR TO TEST ANY SUBSEA VALVES OR EQUIPMENT, DID THE OPERATOR NOTIFY THE APPROPRIATE DISTRICT OFFICE AT LEAST 48 HOUR IN ADVANCE AND SUBMIT A REPAIR OR REPLACEMENT PLAN? (Last Update -Feb 2022) Authority: 30 CFR 250.881 W 30 CFR 250.880(a)(3) 30 CFR 250.880(d)(2)(i) P-390 DID THE OPERATOR FOLLOW THE VALVE CLOSURE TIMING TABLE FOR ELECTRO- HYDRAULIC CONTROL SYSTEMS? (Last Update -Feb 2022) | | <u>Authority</u> : | | Enforcement Actions: | | | | |
| EQUIPMENT, DID THE OPERATOR NOTIFY THE APPROPRIATE DISTRICT OFFICE AT LEAST 48 HOUR IN ADVANCE AND SUBMIT A REPAIR OR REPLACEMENT PLAN? (Last Update -Feb 2022) Authority: 30 CFR 250.831 | P-385 | | | | | | | |
| Authority: 30 CFR 250.831 W 30 CFR 250.880(a)(3) 30 CFR 250.880(d)(2)(i) P-390 DID THE OPERATOR FOLLOW THE VALVE CLOSURE TIMING TABLE FOR ELECTRO- HYDRAULIC CONTROL SYSTEMS? (Last Update -Feb 2022) | | EQUIPMEN | NT, DID THE OPERATOR NOTIFY THE AF | PROPRIATE DISTRICT OFFICE AT LEAST 48 HOUR IN | | | | |
| SYSTEMS? (Last Update -Feb 2022) | | | 30 CFR 250.831 W 30 CFR 250.880(a)(3) | | | | | |
| SYSTEMS? (Last Update -Feb 2022) | | | | | | | | |
| Authority: 30 CFR 250.838(b) Enforcement Actions: W | P-390 | _ | | TIMING TABLE FOR ELECTRO- HYDRAULIC CONTROL | | | | |
| | | Authority: | 30 CFR 250.838(b) | Enforcement Actions: W | | | | |

| P-391 | DID THE OPERATOR FOLLOW THE VALVE CLOSURE TIMING TABLE FOR ELECTRO- HYDRAULIC CONTROL SYSTEMS WITH LOSS OF COMMUNICATIONS? (Last Update -Feb 2022) | | | | | |
|-------|--|---|--|--|--|--|
| | <u>Authority</u> : 30 CFR 250.838(d) | Enforcement Actions: W | | | | |
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| | | | | | | |
| P-392 | DID THE OPERATOR FOLLOW THE VALVE CLOSURE TIN SYSTEMS? (Last Update -Feb 2022) | ING TABLE FOR DIRECT HYDRAULIC CONTROL | | | | |
| | <u>Authority</u> : 30 CFR 250.839(b) | Enforcement Actions: W | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | Wellhead and | Flowlines | | | | |
| P-402 | ARE THE PSHLS ON EACH FLOWLINE SEGMENT SET NO OPERATING RANGE AND BELOW THE SITP OR THE GA | • | | | | |
| | <u>Authority</u> : 30 CFR 250.852(b) | Enforcement Actions: C | | | | |
| | | | | | | |
| | | | | | | |
| P-405 | IF THE MAXIMUM ALLOWABLE WP OF THE FLOWLINE IS LESS THAN THE SITP, IS A PSV, OR ADDITIONAL SSV ACTIVATED BY AN INDEPENDENT PSH, INSTALLED? (Last Update -Feb 2022) | | | | | |
| | Authority: 30 CFR 250.841 | Enforcement Actions : | | | | |
| | C 30 CFR 250.852(c) | | | | | |
| | | | | | | |
| P-406 | IS AN OPERABLE FSV INSTALLED IN THE FINAL FLOV | VLINESEGMENT? (Last Update -Feb 2022) | | | | |
| | Authority: 30 CFR 250.841 | Enforcement Actions : | | | | |
| | C 30 CFR 250.852(g) | | | | | |
| | | | | | | |
| P-407 | DO THE WELLHEAD, TREE, AND RELATED EQUIPME MASP/SITP, AND IS IT DESIGNED, INSTALLED, OPER MAINTAIN PRESSURE CONTAINMENT AND PRESSU | ATED, MAINTAINED, AND TESTED TO ACHIEVE AND | | | | |
| | Authority: 30 CFR 250.518(d) – Completion (with tr | | | | | |
| | C 30 CFR 250.619(d) – Workover (with t | | | | | |
| | | | | | | |
| P-408 | DOES EACH WELLHEAD SSV, USV, BSDV AND ITS AC | TUATOR CONFORM TO THE CERTIFICATION | | | | |
| | REQUIREMENTS IN 30 CFR 250.801 through 802? (Last Update -Feb 2022) | | | | | |
| | Authority: 30 CFR 250.801 C 30 CFR 250.802 | Enforcement Actions: | | | | |
| | | | | | | |
| | | | | | | |

P-412 IS EACH WELLHEAD COMPLETION EQUIPPED WITH A MINIMUM OF ONE MASTER VALVE AND AN OPERABLE SSV LOCATED ABOVE THE MASTER VALVE, IN THE VERTICAL RUN OF THE TREE? (Last Update -Feb 2022)

Authority: 30 CFR 250.518(c) – Completion

Enforcement Actions:

C 30 CFR 250.619(c) – Work over

30 CFR 250.820 – SSV Detectable Leakage **30 CFR 250.834** – USV Detectable Leakage **30 CFR 250.836** – BSDV Detectable Leakage

Tubing and Wellhead Equipment

DEFINITIONS: (Last Update -Feb 2022)

- 1. "A" Annulus: the annulus designation between production tubing and production casing
- "B" Annulus: the annulus designation between the production casing and next outer casing. The letter designation
 continues in sequence for each and every annular space encountered between casing strings up to and including the surface
 casing and conductor casing strings.
- 3. <u>Conductor Casing</u>: provides structural support for the well, wellhead and completion equipment, and often provides hole stability for initial drilling operations. This casing string is not designed for pressure containment, but upon completion of the well, it may have a casing head, therefore, it may be capable of containing low annular pressures. This casing is set prior to encountering any hydrocarbons at a depth where the fracture gradient will allow for an increase in mud density and is cemented to the surface or mudline. For subsea hybrid wells, the low pressure subsea wellhead is normally installed on this casing string.
- 4. <u>Drive/Jet Pipe</u>: Supports unconsolidated deposits and provides hole stability for initial drilling operations. This first string set and provides no pressure containment. This string also provides structural support to the well system.
- 5. <u>Intermediate Casing</u>: Casing is set when geological characteristics or wellbore conditions indicate downhole protection is needed or to prevent loss of circulation by casing off weaker formation. Multiple intermediate casing strings can be run in a single well.
- 6. Liner Casing: a casing string suspended near the bottom end of previous strings using a liner hangar.
- 7. <u>Production Casing</u>: Casing that is the inner most string of casing in the well. Production fluid enters the casing below the production packer and continues to the surface through the production string. At a minimum, the production casing will be rated for the maximum anticipated pressure that may be encountered from the productionzone.
- 8. <u>Production Liner</u>: A liner that is the innermost string in which the productive zones are completed. The casing in which the production liner is hung off is usually referred to as the production casing.
- 9. <u>Production Riser</u>: The casing string rising from the seafloor to the wellhead on fixed platforms, or the casing strings attached to the subsea wellhead rising from the seafloor to the surface wellhead on hybrid wells.
- 10. <u>Production string (or Completion String</u>): The production string consists primarily of production tubing, but also includes additional components such as the surface controlled subsurface safety valve (SCSSV, gas lift mandrels, chemical injections and instruments ports, landing nipples, and packer or packer seals assemblies. The production string runs inside the production casing and used to conduct production fluids to the surface.
- 11. <u>Production Tubing</u>: Tubing that is run inside the production casing and used to convey produced fluids from the hydrocarbon- bearing formation to the surface. Tubing may also be used for injection. In hybrid wells, for example, tubing is used as a conduit for gas for artificial lift below a mud line pack-off tubing hangar to isolate the gas lift pressure from the production riser.
- 12. <u>Surface Casing</u>: Casing run inside the conductor casing to protect shallow water zones and weaker formations and may be cemented within the conductor string and is often cemented back to the mud line. The surface wellhead is normally installed on this string for surface wells.
- 13. <u>Structural Pipe Casing Strings</u>: Casing strings used to facilitate the drilling of the well, but not need for pressure containment after the well has been drilled. Support unconsolidated sediments and provide whole stability for initial drilling operations, axial support for casing loads and bending loads from the subsea wellhead.

P-413

IS EACH TREE INSTALLED EQUIPPED WITH EQUIPMENT TO MONITOR THE CASING PRESURE ACCORDING TO THE FOLLOWING CHART? (Last Update -Feb 2022)

Authority: 30 CFR 250.518 (b) Enforcement Actions: C

| If you have | You must equip | So you can monitor |
|---------------------------|--------------------------|---|
| (1) Fixed platform wells, | The Wellhead, | All annuli (A, B, C, D, etc., annuli). |
| (2) Subsea wells, | The tubing head, | The production casing annulus (A annulus). |
| (3) Hybrid* wells, | The surface wellhead, | All annuli at the surface (A and B riser annuli). If the production casing below the mudline and the production casing riser above the mudline are pressure isolated from each other, provisions must be made to monitor the production casing below the mudline for casing pressure. |

^{*} Characterized as a well drilled with a subsea wellhead and completed with a surface casing head, a surface tubing head, a surface tubing hanger, and a surface Christmas tree.

Casing Pressure Management

P-414

IS THE OPERATOR MONITORING CASING PRESSURE FOR EACH WELL ACCORDING TO THE FOLLOWING TABLE? (Last Update -Feb 2022)

Authority: 30 CFR 250.520 Enforcement Actions: W

| lf you have | You must monitor | With a minimum one pressure data point recorded per |
|---|------------------|---|
| (a) Fixed platform wells, | Monthly | Month for each casing |
| (b) Subsea well, | Continuously, | Day for the production Casing |
| (c) Hybrid well*, | Continuously, | Day for each riser and/or the production casing |
| (d) Well operating under a casing pressure request on a manned fixed platform | Daily, | Day for each casing |
| (e) Wells operating under a casing pressure request on an unmanned platform, | Weekly, | Week for each casing |

^{*}Characterized as a well drilled with a subsea wellhead and completed with a surface casing head, a surface tubing head, a surface tubing hanger, and a surface Christmas tree.

P-415 ARE ALL CASING DIAGNOSTIC TESTS PERFORMED WITHIN 30 DAYS AFTER FIRST OBSERVING OR IMPOSING CASING PRESSURE ACCORDING TO THE FOLLOWING CHART? (Last Update -Feb 2022)

Authority: 30 CFR 250.521 Enforcement Actions: W

| If you have a | You must perform a casing diagnostic test if |
|--------------------------|---|
| (1) Fixed platform well, | The casing pressure is greater than 100 psig. |
| (2) Subsea well, | The measurable casing pressure is greater than the external hydrostatic pressure plus 100 psig measured at the subsea wellhead. Hydrostatic pressure = (.052 x 8.6 x water depth) |
| (3) Hybrid well*, | A riser or the production casing pressure is greater than 100 psig measured at the surface. |

^{*}Characterized as a well drilled with a subsea wellhead and completed with a surface casing head, a surface tubing head, a surface tubing hanger, and a surface christmas tree.

P-416 DID THE OPERATOR REPEAT CASING DIAGNOSTIC TESTING WHEN REQUIRED? (Last Update -Feb 2022)

Authority: 30 CFR 250.523 Enforcement Actions: W/C

^{*}Casing diagnostic testing must be repeated in accordance with the following table:

| When | You must repeat diagnostic testing |
|---|---|
| (a) Your casing pressure request approved term has expired, | Immediately. |
| (b) Your well, previously on gas lift, has been shut-in or returned to flowing status without gas lift for more than 180 days, | Immediately on the production casing (A annulus). The production casing (A annulus) of wells on active gas lift are exempt from diagnostic testing. |
| (c) Your casing pressure request becomes invalid, | Within 30 days. |
| (d) A casing or riser has an increase in pressure greater than 200 psig over the previous casing diagnostic test, | Within 30 days. |
| (e) After any corrective action has been taken to remediate undesirable casing pressure, either as a result of a casing pressure request denial or any other action, | Within 30 days. |
| (f) Your fixed platform well production casing (A annulus) has pressure exceeding 10 percent of its minimum internal yield pressure (MIYP), except for production casings on active gas lift, | Once per year, not to exceed 12 months between tests. |
| (g) Your fixed platform well's outer casing (B, C, D, etc., annuli) has a pressure exceeding 20 percent of its MIYP, | Once every 5 years, at a minimum. |

P-417 DOES THE OPERATOR RETAIN RECORDS OF CASING PRESSURES AND DIAGNOSTICS TESTS AS REQUIRED?

(Last Update -Feb 2022)

Authority: 30 CFR 250.524 Enforcement Actions: W

P-418 DID THE OPERATOR TAKE ACTION BASED ON THE RESULTS FROM THEIR CASING DIAGNOSTIC TEST? (Last

Update -Feb 2022)

Authority: 30 CFR 250.525 Enforcement Actions: W

P-419 DID THE OPERATOR SUBMIT A NOTIFICATION OF CORRECTIVE ACTION OR A CASING PRESSURE REQUEST WITHIN 14 DAYS AFTER PERFORMING A CASING DIAGNOSTIC TEST REQUIRING ACTION UNDER 30 CFR 250.525? (Last Update -Feb 2022)

<u>Authority</u>: 30 CFR 250.526 <u>Enforcement Actions</u>: W

*Casing diagnostic test requires action in accordance with the following table:

| You must submit either | To the appropriate | And it must include | You must also |
|--|--|--------------------------------|--|
| (a) a notification of corrective action; or, | District Manager and copy the Regional Supervisor, Field Operations, | Requirements under 250.527, | Submit an Application for Permit to Modify or Corrective Action Plan within 30 days of the diagnostic test. |
| (b) a casing pressure request, | Regional Supervisor, Field Operations, | Requirements under 250.528. | |

Pressure Vessels

P-422 IS EACH PRESSURE VESSEL EQUIPPED WITH AN OPERABLE LSH, LSL (OIL), AND LSL (WATER)? (Last Update -Feb

2022)

P-429

Authority: 30 CFR 250.841 Enforcement Actions: C

30 CFR 250.850

P-426 IS EACH PRESSURE VESSEL EQUIPPED WITH A FSV OIL, WATER, AND GAS?? (Last Update -Feb 2022)

Authority: 30 CFR 250.841 Enforcement

Actions: C 30 CFR 250.850

IS EACH STOP VALVE BETWEEN A PSV AND A PRESSURE VESSEL LOCKED OR SEALED IN THE OPEN POSITION WHEN AN AUTHORIZED PERSON IS NOT STATIONED AT THE PRESSURE VESSEL, AS REQUIRED IN THE ASME BOILER AND PRESSURE VESSEL CODE, SECTION VIII, APPENDIX M? (Last Update -Feb 2022)

Authority: 30 CFR 250.851(a)(3)(i) Enforcement Actions: W

| P-430 | ARE PRESSURED AND FIRED VESSELS CODE STAMPED IN ACCORDANCE WITH THE ASME BOILER AND PRESSURE VESSEL CODE? (Last Update -Feb 2022) | | | | |
|-------|---|---|--|--|--|
| | Authority | : 30 CFR 250.851(a)(1)(i) | Enforcement Actions: C | | |
| P-431 | GREATER | ABOVE THE HIGHEST PRESSURE IN THE | GHER THAN 15 PERCENT OR 5 PSI, WHICHEVER IS OPERATING RANGE AND AT LEAST 5 PERCENT OR 5 PSI, VATION PRESSURE? (Last Update -Feb 2022) | | |
| | Authority | : 30 CFR 250.851(b) 30 CFR 250.851(c)(1) | Enforcement Actions: C | | |
| P-433 | | L ON EACH PRESSURE VESSEL SET NO LO HE LOWEST PRESSURE IN THE OPERATIN | WER THAN 15 PERCENT OR 5 PSI, WHICHEVER IS GREATER G RANGE? (Last Update -Feb 2022) | | |
| | Authority | : 30 CFR 250.851(b) 30 CFR 250.851(c)(2) | Enforcement Actions: C | | |
| P-434 | THE APPLICATION CODE: MAIN | ABLE PROVISIONS OF THE AMERICAN PE | TATED, REPAIRED, AND ALTERED IN ACCORDANCE WITH STROLEUM INSTITUTE'S PRESSURE VESSEL INSPECTION B, AND ALTERATION API 510 (EXCEPT SECTIONS 6.5 AND 2022) | | |
| | Authority: | 30 CFR 250.198 | Enforcement Actions: W/C | | |
| | , | | | | |
| | | Relief V | <u>alves</u> | | |
| P-451 | PROVISIONS | OF SECTIONS I, IV, AND VIII OF THE ASI | MAINTAINED IN ACCORDANCE WITH APPLICABLE ME BOILER AND PRESSURE VESSEL CODE AND SET AT A VABLE WORKING PRESSURE? (Last Update -Feb 2022) | | |
| | | 30 CFR 250.841 – PSV 30 CFR 250.851(a)(3)(i) – ASME Code 30 CFR 250.851(a)(3)(ii) – Set Pressure 30 CFR 250.880(b)(2) – Test Tolerance 30 CFR 250.880(c)(2)(i) – Tested Annuall | Enforcement Actions: C y | | |
| | | | | | |
| P-452 | | AND VENT PIPED IN SUCH A WAY AS TO DURCES? (Last Update -Feb 2022) | PREVENT FLUID FROM STRIKING PERSONNEL OR | | |
| | Authority: | 30 CFR 250.851(a)(3)(iii) | Enforcement Actions: C | | |
| | | | | | |

Atmospheric Vessels

| P-470 | | MOSPHERIC VESSEL EQUIPPED W | ITH AN OPERABLE LSH, LSL (WATER), LSL (OIL)? | |
|-------|----------------------|--|--|----------------------|
| | Authority: | 30 CFR 250.872 30 CFR 250.853(d) | Enforcement Actions: C | |
| | | - | _ | |
| P-474 | | MOSPHERIC VESSEL EQUIPPED Wast Update -Feb 2022) | ITH AN OPERABLE PSV AND A VENT OR TWO INC | EPENDENT |
| | <u>Authority</u> : | 30 CFR 250.872(a) | Enforcement Actions: | С |
| | | | | |
| P-475 | | | ITH AN OPERABLE FLAME ARRESTOR AND VISUA MONTHS BETWEEN TESTS? (Last Update -Feb 20 | |
| | <u>Authority</u> : | 30 CFR 250.872 30 CFR 250.880 (c)(3)(viii) | Enforcement Actions: | С |
| | | | | |
| | | | | |
| | | <u>Fired a</u> | nd Heated Components | |
| P-520 | IS EACH FIR | RED COMPONENT EQUIPPED WITH | HAN OPERABLE PSH? (Last Update -Feb 2022) | |
| | <u>Authority</u> : | 30 CFR 250.850 | Enforcement Actions: | С |
| | | _ | | |
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| P-521 | | RED COMPONENT EQUIPPED WITH 30 CFR 250.850 | AN OPERABLE SDV? (Last Update -Feb 2022) Enforcement Actions: | |
| | <u>Authority</u> . | 50 CFN 250.650 | emorcement Actions. | |
| | | - | | |
| P-522 | IS EACH FIR 2022) | RED COMPONENT EQUIPPED WITH | I AN OPERABLE TSL OR BSL IN THE FIRE CHAMBE | R? (Last Update -Feb |
| | <u>Authority</u> : | 30 CFR 250.850 | Enforcement Actions: | С |
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| P-523 | IS EACH FIRED OR EXHAUST HEATED COMPONENT EQUIPPED WITH A TSH IN THE STACK? (Last Update -Feb 2022) | | | | |
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| | <u>Authority</u> : 30 CFR 250.850 | Enforcement Actions: C | | | |
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| P-524 | IS EACH FIRED OR EXHAUST HEATED COMPONENT EQUIFLUID? (Last Update -Feb 2022) | PPED WITH A TSH IN THE MEDIUM OR PROCESS | | | |
| | <u>Authority</u> : 30 CFR 250.850 | Enforcement Actions: C | | | |
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| P-525 | IS EACH FIRED OR EXHAUST HEATED COMPONENT EQUI FLUID? (Last Update -Feb 2022) | PPED WITH AN LSL IN THE MEDIUM OR PROCESS | | | |
| | <u>Authority</u> : 30 CFR 250.850 | Enforcement Actions: C | | | |
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| P-526 | IS EACH NATURAL DRAFT FIRED COMPONENT EQUIPPED Feb 2022) | WITH AN INTAKE FLAME ARRESTER? (Last Update - | | | |
| | Authority: 30 CFR 250.850 | Enforcement Actions: C | | | |
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| P-527 | IS EACH NATURAL DRAFT FIRED COMPONENT EQUIPPED | WITH A STACK ARRESTER? (Last Update -Feb 2022) | | | |
| | <u>Authority</u> : 30 CFR 250.850 | Enforcement Actions: C | | | |
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| P-528 | IS EACH FORCED DRAFT FIRED COMPONENT EQUIPPED V Update -Feb 2022) | WITH AN OPERABLE PSL IN THE AIR INTAKE? (Last | | | |
| | Authority: 30 CFR 250.850 | Enforcement Actions: C | | | |
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| P-529 | IS EACH FORCED DRAFT FIRED COMPONENT EQUIPPED ((Last Update -Feb 2022) | WITH AN OPERABLE PSL IN THE FUEL SUPPLY LINE? | | | |
| | Authority: 30 CFR 250.850 | Enforcement Actions: C | | | |
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| P-530 | IS EACH FORCED DRAFT FIRED COMPONENT EQUIPPED (| WITH AN OPERABLE MOTOR STARTER INTERLOCK? | | | |
| | (Last Update -Feb 2022) Authority: 30 CFR 250.850 | Enforcement Actions: C | | | |
| | | Emotocinent Potions | | | |

| IS EACH DIRECT FIRED TUBE-TYPE OR EXHAUST HEATED COMPO THE MEDIUM OR PROCESS FLUID WHEN IT IS COMBUSTIBLE? (I | |
|--|--|
| <u>Authority</u> : 30 CFR 250.850 | Enforcement Actions: C |
| | |
| IS EACH DIRECT FIRED TUBE-TYPE OR EXHAUST HEATED COMPO EACH MEDIUM OUTLET PIPING? (Last Update -Feb 2022) | DNENT EQUIPPED WITH AN OPERABLE FSV IN |
| <u>Authority</u> : 30 CFR 250.841 | Enforcement Actions: C |
| | |
| IS EACH DIRECT FIRED TUBE-TYPE OR EXHAUST HEATED COMPO EACH MEDIUM PIPING? (Last Update -Feb 2022) | ONENT EQUIPPED WITH AN OPERABLE PSV IN |
| <u>Authority</u> : 30 CFR 250.841 | Enforcement Actions: C |
| | |
| HAS THE OPERATOR REMOVED, INSPECTED, REPAIRED, OR REPHEATERS EVERY 5 YEARS? (Last Update -Feb 2022) | LACED THE FIRE TUBE FOR TUBE TYPE |
| <u>Authority</u> : 30 CFR 250.876 | Enforcement Actions: W/C |
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| Steam Generators | |
| IS EACH STEAM GENERATOR EQUIPPED WITH AN OPERABLE PS | H OR TSH? (Last Update -Feb 2022) |
| Authority: 30 CFR 250.841 | Enforcement Actions: C |
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| IS EACH STEAM GENERATOR EQUIPPED WITH AN OPERABLE LS | L? (Last Update -Feb 2022) |
| <u>Authority</u> : 30 CFR 250.851(a) | Enforcement Actions: C |
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| IS EACH STEAM GENERATOR EQUIPPED WITH AN OPERABLE WATCH AUTOMATICALLY CONTROL THE WATER LEVEL IF OPERATING A Update -Feb 2022) | |
| <u>Authority</u> : 30 CFR 250.851(a) | Enforcement Actions: C |
| | IS EACH DIRECT FIRED TUBE-TYPE OR EXHAUST HEATED COMPONENTIALLY: IS EACH DIRECT FIRED TUBE-TYPE OR EXHAUST HEATED COMPONENTIALLY: IS EACH DIRECT FIRED TUBE-TYPE OR EXHAUST HEATED COMPONENTIALLY: IS EACH DIRECT FIRED TUBE-TYPE OR EXHAUST HEATED COMPONENTIALLY: IS EACH DIRECT FIRED TUBE-TYPE OR EXHAUST HEATED COMPONENTIALLY: IS EACH MEDIUM PIPING? (Last Update -Feb 2022) Authority: 30 CFR 250.841 HAS THE OPERATOR REMOVED, INSPECTED, REPAIRED, OR REPHEATERS EVERY 5 YEARS? (Last Update -Feb 2022) Authority: 30 CFR 250.876 Steam Generators IS EACH STEAM GENERATOR EQUIPPED WITH AN OPERABLE PSAUTHORITY: 30 CFR 250.851(a) IS EACH STEAM GENERATOR EQUIPPED WITH AN OPERABLE IS AUTHORITY: 30 CFR 250.851(a) |

Heat Exchangers

| P-550 | IS EACH HEAT EXCHANGER (SHELL-TUBE) EQUIPPED WITH TWO C | OPERABLE PSH'S AND PSL'S? (Last Update -Feb |
|-------|--|--|
| | Authority: 30 CFR 250.841 | Enforcement Actions: C |
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| | Compressors | |
| P-562 | IS EACH COMPRESSOR SUCTION AND INTER-STAGE SCRUBBER ECUpdate -Feb 2022) | QUIPPED WITH AN OPERABLE LSH? (Last |
| | Authority: 30 CFR 250.858(a)(1) | Enforcement Actions: C |
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| P-563 | IS EACH COMPRESSOR SUCTION AND INTER-STAGE SCRUBBER ECUpdate -Feb 2022) | QUIPPED WITH AN OPERABLE LSL? (Last |
| | Authority: 30 CFR 250.858(a)(1) | Enforcement Actions: C |
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| P-567 | IS EACH FINAL STAGE DISCHARGE EQUIPPED WITH A FSV OUTSID | DE OF BUILDING? (Last Update -Feb 2022) |
| . 50. | Authority: 30 CFR 250.841 | Enforcement Actions: C |
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| P-569 | IS EACH FINAL STAGE DISCHARGE EQUIPPED WITH AN AUTOMAT -Feb 2022) | FIC BDV IF 1000 HP OR GREATER? (Last Update |
| | Authority: 30 CFR 250.858(a)(4) | Enforcement Actions: C |
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| D. E | 10 F. 611 00 10 10 10 10 10 10 10 10 10 10 10 1 | . (, |
| P-570 | IS EACH COMPRESSOR CYLINDER OR CASE PROTECTED BY A TSH? Authority: 30 CFR 250.858(a)(2) | (Last Update -Feb 2022) <u>Enforcement Actions</u> : C |
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| | PSH, PSL, AND LSH INSTALLED ON THE COMPRESSOR SUCTION AND INTER-STAGE SCRUBBERS ALLOW EACH COMPRESSOR UNIT AND ASSOCIATED VESSELS TO BE ISOLATED FROM ALL INPUT SOURCES? (Last Update - Feb 2022) | |
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| | Authority: 30 CFR 250.858(a)(3) | Enforcement Actions: C |
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| P-572 | IS EACH AUTOMATIC SDV INSTALLED IN COMPRESSOR SUCTION AND FUEL GAS PIPING ALSO ACTUATED BY THE SHUTDOWN OF THE PRIME MOVER? (Last Update -Feb 2022) | |
| | Authority: 30 CFR 250.858(a)(3) | Enforcement Actions: C |
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| P-573 | IS GAS-WELL GAS, AFFECTED BY THE CLOSURE OF THE AUTOMATIC SDV ON COMPRESSOR SUCTION, EITHER DIVERTED TO THE PIPELINE OR SHUT-IN AT THEWELLHEAD? (Last Update -Feb 2022) | |
| | Authority: 30 CFR 250.858(a)(3) | Enforcement Actions: C |
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| P-574 | ARE THE PSHLS ON EACH COMPRESSOR SUCTION, INTER-STAGE SCRUBBER, AND FINAL STAGE DISCHARGE SET NO HIGHER THAN 15 PERCENT ABOVE THE HIGHEST / LOWEST PRESSURE IN THE OPERATING RANGE? (Last Update -Feb 2022) | |
| | Authority: 30 CFR 250.858 | Enforcement Actions: C |
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| | <u>Turrets</u> | |
| P-580 | IS EACH FLOATING PRODUCTION FACILITY EQUIPPED WITH AN AUTO SLEW (AS) SYSTEM? (Last Update -Feb 2022) | |
| | Authority: 30 CFR 250.854(a) | Enforcement Actions: C |
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| P-581 | IS EACH FLOATING PRODUCTION FACILITY EQUIPPED Update -Feb 2022) | WITH A SWIVEL STACK LEAK DETECTION SYSTEM? (Last |
| | Authority: 30 CFR 250.854(b) | Enforcement Actions: C |
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DO THE AUTOMATIC SDV'S INSTALLED IN COMPRESSOR SUCTION AND FUEL GAS PIPING ACTUATED BY THE

P-571

