



## SUBPART G - WELL OPERATIONS AND EQUIPMENT (Last Updated – July 2019)

### General Requirements

**B-100** DOES THE OPERATOR HAVE A PERSON ONSITE DURING WELL OPERATIONS WHO REPRESENTS THE OPERATOR'S INTERESTS AND CAN FULFILL THE OPERATOR'S RESPONSIBILITIES?

Authority: 30 CFR 250.703(b)

Enforcement Actions: S

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**B-105** IS THE WELL CONTINUOUSLY UNDER SURVEILLANCE FROM THE BEGINNING OF WELL OPERATIONS UNTIL THE WELL IS COMPLETED OR ABANDONED, UNLESS THE WELL HAS BEEN SECURED WITH BLOWOUT PREVENTERS (BOPS), BRIDGE PLUGS, CEMENT PLUGS, OR PACKERS?

Authority: 30 CFR 250.703(c)

Enforcement Actions: W

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### Rig Requirements

**B-110** HAVE ALL CREW MEMBERS BEEN INSTRUCTED IN THE SAFETY REQUIREMENTS OF THE OPERATIONS TO BE PERFORMED, POSSIBLE HAZARDS TO BE ENCOUNTERED, AND GENERAL SAFETY CONSIDERATIONS TO PROTECT PERSONNEL, EQUIPMENT, AND THE ENVIRONMENT PRIOR TO ENGAGING IN WELL OPERATIONS; AND HAVE THE DATE AND TIME OF THE SAFETY MEETINGS BEEN RECORDED?

Authority: 30 CFR 250.710(a)

Enforcement Actions: W

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**B-115** IS A COPY OF THE COMPLETE WELL-CONTROL PLAN POSTED ON THE RIG FLOOR?

Authority: 30 CFR 250.710(b)

Enforcement Actions: W

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B-120

ARE WELL-CONTROL DRILLS CONDUCTED IN ACCORDANCE WITH THE WELL-CONTROL PLAN, WITH ALL PERSONNEL ENGAGED IN WELL OPERATIONS, AND RECORDED IN THE DAILY REPORTS?

Authority: 30 CFR 250.710(b)  
30 CFR 250.711  
30 CFR 250.711(a)  
30 CFR 250.711(b)

Enforcement Actions: W

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B-125

DOES THE MOBILE OFFSHORE DRILLING UNIT (MODU) HAVE A MINIMUM OF TWO FUNCTIONING GPS TRANSPONDERS AT ALL TIMES?

Authority: 30 CFR 250.715

Enforcement Actions: S

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Well Operations

B-130

HAVE THE SURFACE, INTERMEDIATE, AND PRODUCTION CASINGS, AS WELL AS THE INNER RISER ON A DUAL BORE RISER CONFIGURATION, BEEN PRESSURE TESTED TO 70 PERCENT OF THE MINIMUM INTERNAL YIELD PRESSURE OF THE CASING; AND HAS THE CONDUCTOR CASING, EXCLUDING SUBSEA WELLHEADS, BEEN TESTED TO A MINIMUM OF 250 PSI FOR 30 MINUTES, WITH NO MORE THAN A 10 PERCENT PRESSURE DROP DURING THE TESTS, OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.721(a)  
30 CFR 250.721(e)  
30 CFR 250.721(f)  
30 CFR 250.733(b)(2)

Enforcement Actions: W/S

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B-135

HAS EACH CASING STRING THAT EXTENDS TO THE WELLHEAD BEEN PRESSURE TESTED FOR 30 MINUTES WITH NO MORE THAN A 10 PERCENT PRESSURE DROP DURING THE TESTS, OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.721(a)  
30 CFR 250.721(d)  
30 CFR 250.721(f)

Enforcement Actions: W/S

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B-140

IS EACH PRODUCTION LINER AND LINER-TOP TESTED TO A MINIMUM OF 500 PSI ABOVE FORMATION FRACTURE PRESSURE FOR 30 MINUTES, WITH NO MORE THAN A 10 PERCENT PRESSURE DROP, AT THE CASING SHOE INTO WHICH THE LINER IS LAPPED; OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.721(c)  
30 CFR 250.721(d)  
30 CFR 250.721(f)

Enforcement Actions: W/S

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B-145

IS THE DRILLING LINER AND LINER-TOP TESTED TO A PRESSURE AT LEAST EQUAL TO THE ANTICIPATED LEAK-OFF PRESSURE OF THE FORMATION BELOW THAT LINER SHOE, OR SUBSEQUENT LINER SHOES IF SET, AND HELD FOR 30 MINUTES WITH NO MORE THAN A 10 PERCENT PRESSURE DROP; OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.721(b)  
30 CFR 250.721(d)  
30 CFR 250.721(f)

Enforcement Actions: W/S

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B-150

DID THE OPERATOR PERFORM A NEGATIVE PRESSURE TEST, WITH TWO BARRIERS IN PLACE, ON ALL WELLS THAT USE A SUBSEA BOP STACK OR MUDLINE SUSPENSION SYSTEM?

Authority: 30 CFR 250.721(g)

Enforcement Actions: W/S

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B-155

HAS THE CASING OR LINER BEEN SUCCESSFULLY PRESSURE-TESTED, CALIPERED, OR OTHERWISE EVALUATED EVERY 30 DAYS DURING PROLONGED WELLBORE OPERATIONS?

Authority: 30 CFR 250.722

Enforcement Actions: W/S

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B-160

ARE ALL WELLS IN THE SAME WELL-BAY, WHICH ARE CAPABLE OF PRODUCING HYDROCARBONS, SHUT-IN BELOW THE SURFACE WITH A PUMP-THROUGH-TYPE TUBING PLUG AND AT THE SURFACE WITH A CLOSED MASTER VALVE PRIOR TO MOVING RIGS AND RELATED EQUIPMENT ON TO AND OFF OF LOCATION, OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.723

Enforcement Actions: W/S

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**B-165** IS THE WELL, TO WHICH THE RIG AND RELATED EQUIPMENT IS TO BE MOVED, EQUIPPED WITH A PUMP-THROUGH-TYPE TUBING PLUG AND A BACK-PRESSURE VALVE PRIOR TO REMOVING THE TREE AND INSTALLING, TESTING OR REMOVING THE BOP SYSTEM?

Authority: 30 CFR 250.723(d)

Enforcement Actions: W/S

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**B-170** WHEN A RIG UNIT OR LIFT BOAT IS ON OR JACKED-UP OVER A PLATFORM, IS AN OPERABLE EMERGENCY SHUTDOWN DEVICE (ESD) STATION FOR THE PRODUCTION SYSTEM LOCATED NEAR THE RIG OPERATOR'S CONSOLE, WHEN THERE ARE PRODUCING WELLS OR OTHER HYDROCARBON FLOW?

Authority: 30 CFR 250.503  
30 CFR 250.603  
30 CFR 250.723(b)

Enforcement Actions: S

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Surface and Subsea BOP Stacks

**B-175** ARE THE BOP SYSTEM AND SYSTEM COMPONENTS DESIGNED, INSTALLED, MAINTAINED, INSPECTED, TESTED, AND USED PROPERLY TO ENSURE WELL CONTROL IN ACCORDANCE WITH API STANDARD 53, FOURTH EDITION?

Authority: 30.CFR 250.730(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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**B-180** DOES THE WORKING-PRESSURE RATING OF ALL BOP COMPONENTS, EXCLUDING ANNULAR(S), EXCEED THE MAXIMUM ANTICIPATED SURFACE PRESSURE (MASP) AS DEFINED FOR THE OPERATION?

Authority: 30 CFR 250.730(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-185** ARE ALL ACCUMULATOR SYSTEM ANALOG PRESSURE GAUGES CALIBRATED AT LEAST EVERY 3 YEARS, OR IF ELECTRONIC PRESSURE GAUGES ARE USED ARE THEY CALIBRATED AS PER THE ORIGINAL EQUIPMENT MANUFACTURER (OEM), AND IS A GAUGE FOR MEASURING ACCUMULATOR PRECHARGE PRESSURE AVAILABLE?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W

B-190 IS AN APPROVED SET OF SCHEMATIC DRAWINGS OF THE BOP AND CONTROL SYSTEM AVAILABLE ON THE RIG?

Authority: 30 CFR 250.730(a)(4)

Enforcement Actions: W/S

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B-195 IS A DRILLING SPOOL WITH SIDE OUTLETS PROVIDED IF SIDE OUTLETS ARE NOT PROVIDED IN THE BODY OF THE BOP STACK TO PROVIDE FOR SEPARATE KILL AND CHOKE LINES?

Authority: 30 CFR 250.733(c)  
30 CFR 250.734(a)(14)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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B-200 IS EACH CHOKE AND KILL LINE EQUIPPED WITH TWO FULL OPENING VALVES, WITH AT LEAST ONE REMOTE-CONTROLLED VALVE FOR SURFACE AND ALL REMOTE-CONTROLLED VALVES FOR SUBSEA?

Authority: 30 CFR 250.733(d)  
30 CFR 250.734(a)(14)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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B-205 DOES THE ACCUMULATOR SYSTEM PROVIDE SUFFICIENT CAPACITY TO OPERATE THE BOP FUNCTIONS AS DEFINED IN API STANDARD 53, SECTIONS 6.5.6 AND 7.6.8 WITHOUT ASSISTANCE FROM A CHARGING SYSTEM, AND STILL HAVE A MINIMUM PRESSURE OF 200 PSI REMAINING ON THE BOTTLES ABOVE THE PRECHARGE PRESSURE?

Authority: 30 CFR 250.735(a)  
30 CFR 730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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B-210 HAVE ACCUMULATOR REGULATORS, SUPPLIED BY RIG AIR AND WITHOUT A SECONDARY SOURCE OF PNEUMATIC SUPPLY, BEEN EQUIPPED WITH MANUAL OVERRIDES OR OTHER DEVICES PROVIDED TO ENSURE CAPABILITY OF HYDRAULIC OPERATIONS IF RIG AIR IS LOST?

Authority: 30 CFR 250.735(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-215**            **HAVE ALL ACCUMULATOR BOTTLES PRECHARGE PRESSURES BEEN MEASURED AND ADJUSTED TO THE MANUFACTURER SPECIFIED API 16 D METHOD PRIOR TO THE BOP STACK BEING DEPLOYED, AND ARE THE REQUIRED PRECHARGE RECORDS MAINTAINED ONSITE?**

Authority: 30 CFR 250.735(a)  
              30 CFR 250.730(a)(1)  
              30 CFR 250.198(h)(63)

Enforcement Actions: C/S

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**B-220**            **IS AN AUTOMATIC BACKUP ACCUMULATOR-CHARGING SYSTEM, AS REFERENCED IN API STANDARD 53, SECTIONS 6.3.5 AND 7.3.5, SUPPLIED BY A POWER SOURCE INDEPENDENT FROM THE POWER SOURCE TO THE PRIMARY ACCUMULATOR-CHARGING SYSTEM, AND POSSESSING SUFFICIENT CAPABILITY TO CLOSE AND HOLD CLOSED ALL BOP COMPONENTS UNDER MASP CONDITIONS?**

Authority: 30 CFR 250.735(b)  
              30 CFR 250.730(a)(1)  
              30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-225**            **IS AT LEAST ONE FULL REMOTE BOP CONTROL STATION, IN ADDITION TO THE ONE ON THE RIG FLOOR, PROVIDED IN A READILY ACCESSIBLE LOCATION AWAY FROM THE RIG FLOOR?**

Authority: 30 CFR 250.735(c)  
              30 CFR 250.737(d)(5)  
              30 CFR 250.730(a)(1)  
              30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-230**            **IS THE CHOKE LINE INSTALLED ABOVE THE BOTTOM WELL-CONTROL RAM?**

Authority: 30 CFR 250.735(d)  
              30 CFR 250.730(a)(1)  
              30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-235**            **IS THE KILL LINE INSTALLED BENEATH AT LEAST ONE WELL-CONTROL RAM?**

Authority: 30 CFR 250.735(e)  
              30 CFR 250.730(a)(1)  
              30 CFR 250.198(h)(63)

Enforcement Actions: S

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B-240

IS A FILL-UP LINE INSTALLED ABOVE THE UPPERMOST BOP?

Authority: 30 CFR 250.735(f)  
30 CFR 250.514(b)(1)  
30 CFR 250.614(c)(1)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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B-245

DOES THE WELLHEAD ASSEMBLY HAVE A RATED WORKING PRESSURE (RWP) THAT EXCEEDS THE MAXIMUM ANTICIPATED WELLHEAD PRESSURE?

Authority: 30 CFR 250.735(h)

Enforcement Actions: S

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B-250

ARE LOCKING DEVICES INSTALLED ON ALL BOP SEALING RAMS (I.E., BLIND SHEAR RAMS, PIPE RAMS AND VARIABLE BORE RAMS)?

Authority: 30 CFR 250.735(g)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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B-255

ARE ALL COMPONENTS OF THE CHOKE MANIFOLD SYSTEM SUITABLE FOR THE APPLICATION IN WHICH THEY WILL BE USED; AND IS ALL OF THE CHOKE MANIFOLD EQUIPMENT, WHICH IS SUBJECT TO WELL AND/OR PUMP PRESSURES (UPSTREAM OF AND INCLUDING CHOKES), HAVE A RATED WORKING PRESSURE (RWP) AT LEAST AS GREAT AS THE RATED WORKING PRESSURE (RWP) OF THE RAM-TYPE BOPS?

Authority: 30 CFR 250.736(a)  
30 CFR 250.736(b)  
30 CFR 250.736(c)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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B-260

IF BUFFER TANKS ARE INSTALLED DOWNSTREAM OF THE CHOKE ASSEMBLIES FOR THE PURPOSE OF MANIFOLDING THE BLEED LINES TOGETHER, ARE ISOLATION VALVES INSTALLED ON EACH LINE?

Authority: 30 CFR 250.736(b)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-265** WHEN UTILIZING A TOP-DRIVE SYSTEM EQUIPPED WITH A REMOTE CONTROL VALVE, IS A STRIPPALBE KELLY VALVE INSTALLED BELOW THE REMOTE-CONTROLLED VALVE AND ARE ALL VALVES INSTALLED AS DESCRIBED IN API STANDARD 53, SECTIONS 6.4.1 AND 7.5.1?

Authority: 30 CFR 250.736(d)(1)  
30 CFR 250.736(d)(2)  
30 CFR 250.736(d)(6)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-270** ARE THE INSIDE BOP AND DRILL-STRING SAFETY VALVES LOCATED ON THE RIG FLOOR, ABLE TO FIT ALL SIZES OF PIPE IN THE DRILL STRING, LEFT IN THE OPEN POSITION, AND ARE THE WRENCHES WHICH MANUALLY OPERATE EACH VALVE READILY ACCESSIBLE TO THE RIG CREW WHILE OPERATIONS ARE BEING CONDUCTED?

Authority: 30 CFR 250.736(d)(3)  
30 CFR 250.736(d)(4)  
30 CFR 250.736(d)(7)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-275** ARE CASING SAFETY VALVES, ABLE TO FIT THE SIZE CASING BEING RUN IN THE HOLE, ACTUATED PRIOR TO RUNNING THE CASING AND LEFT IN THE OPEN POSITION ON THE RIG FLOOR THROUGHOUT THE OPERATION?

Authority: 30 CFR 250.736(d)(5)  
30 CFR 250.737(d)(11)  
30 CFR 250.746

Enforcement Actions: W/S

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**B-280** WAS THE SURFACE OR SUBSEA BOP STACK PRESSURE TESTED AFTER INSTALLATION?

Authority: 30 CFR 250.737(a)(1)  
30 CFR 250.737(d)(4)

Enforcement Actions: W/S

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**B-285** FOR SURFACE AND SUBSEA STACKS, WERE THE BOP SYSTEMS PRESSURE TESTED BEFORE 14 DAYS HAVE ELAPSED SINCE THE LAST BOP PRESSURE TEST WAS COMPLETED, OR 30 DAYS SINCE THE LAST BLIND SHEAR RAM PRESSURE TEST WAS COMPLETED; AND HAS AN ALTERNATING TESTS SCHEDULE BEEN DEVELOPED TO ENSURE FUNCTIONALITY OF THE APPLICABLE CONTROL STATIONS AND PODS?

Authority: 30 CFR 250.737(a)(2)  
30 CFR 250.737(a)(3)  
30 CFR 250.737(d)(5)

Enforcement Actions: W/S



**B-290** ARE SURFACE AND SUBSEA BOP SYSTEMS PRESSURE TESTED BEFORE DRILLING OUT EACH STRING OF CASING OR LINER, OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.737(a)(3)

Enforcement Actions: W/S

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**B-295** HAVE ALL BOP SYSTEM COMPONENTS BEEN SUCCESSFULLY TESTED TO A LOW-PRESSURE BETWEEN 250 PSI AND 350 PSI, AND DOES THE LOW-PRESSURE TEST TRANSITION TO THE HIGH-PRESSURE TEST?

Authority: 30 CFR 250.737(b)  
30 CFR 250.737(b)(1)

Enforcement Actions: W/S

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**B-300** HAVE ALL BOP SYSTEM COMPONENTS BEEN SUCCESSFULLY TESTED TO THE REQUIRED HIGH-PRESSURE APPROVED IN THE PERMIT?

Authority: 30 CFR 250.737(b)(2)  
30 CFR 250.737(b)(3)

Enforcement Actions: W/S

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**B-305** HAS EACH PRESSURE TEST PERFORMED ON THE BOP SYSTEM HELD PRESSURE FOR THE REQUIRED AMOUNT OF TIME AND BEEN RECORDED ON A DIGITAL RECORDER, OR ON A CHART WHICH DOES NOT EXCEED 4 HOURS; AND HAS THE PRESSURE FOR EACH TEST BEEN CAPTURED WITHIN THE MIDDLE HALF OF THE CHART'S RANGE?

Authority: 30 CFR 250.737(c)  
30 CFR 250.746(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/S

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**B-310** DID THE OPERATOR CONTACT THE DISTRICT MANAGER AT LEAST 72 HOURS PRIOR TO BEGINNING A STUMP TEST, INITIAL BOP TEST, OR SHEAR RAM TEST IN WHICH PIPE WILL BE SHEARED?

Authority: 30 CFR 250.737(d)  
30 CFR 250.737(e)

Enforcement Actions: W

Inspection Procedures:

Check records to verify the Operator notified the District Manager 72 hours prior to testing.

If Noncompliance Exists:

Issue a warning (**W**) INC if the Operator did not notify the BSEE District Manager at least 72 hours prior to commencement of the BOP tests.

Inspection INC Count:

Issue one INC per inspection.

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**B-315** ARE AFFECTED BOP COMPONENTS PRESSURE TESTED FOLLOWING DISCONNECTION OR REPAIR OF ANY WELL-PRESSURE CONTAINMENT SEAL IN THE WELLHEAD OR BOP STACK ASSEMBLY; AND HAS THE DISTRICT MANAGER GIVEN APPROVAL PRIOR TO THE FACILITY RESUMING OPERATIONS AFTER REPAIRING, REPLACING, OR RECONFIGURING A BOP SYSTEM?

Authority: 30 CFR 250.737(d)(8)  
30 CFR 250.738(b)(3)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/S

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**B-320** WHEN BOP TESTS ARE POSTPONED DUE TO WELL CONTROL PROBLEMS, IS THE BOP TEST PERFORMED ON THE FIRST TRIP OUT OF THE HOLE AND ARE THE SPECIFIC REASONS FOR POSTPONING THE TESTING RECORDED IN THE FACILITY'S DAILY REPORT OR REFERENCED DOCUMENTS?

Authority: 30 CFR 250.738(c)

Enforcement Actions: W

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**B-325** IF A TAPERED DRILL STRING IS IN USE, ARE TWO SETS OF PIPE RAMS INSTALLED, TWO SETS OF PIPE RAMS WHICH ARE CAPABLE OF SEALING AROUND THE LARGER-SIZE DRILL STRING AND ONE SET OF PIPE RAMS WHICH IS CAPABLE OF SEALING AROUND THE SMALLER-SIZE DRILL STRING?

Authority: 30 CFR 250.738(e)

Enforcement Actions: S

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**B-330** IF A BOP CONTROL STATION OR POD DOES NOT FUNCTION PROPERLY, ARE OPERATIONS SUSPENDED UNTIL THAT STATION OR POD IS OPERABLE; AND HAS ANY PROBLEMS OR IRREGULARITIES BEEN REPORTED TO THE DISTRICT MANAGER?

Authority: 30 CFR 250.738(d)

Enforcement Actions: W/S

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**B-335** WHEN CASING RAMS/SHEARS ARE INSTALLED ON A SURFACE BOP STACK, HAS A SUCCESSFUL SHELL TEST BEEN PERFORMED ON THE RAM BODY PRIOR TO RUNNING CASING?

Authority: 30 CFR 250.738(f)

Enforcement Actions: W/S

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**B-340** IF THE OPERATOR ACTIVATED THE BLIND SHEAR RAM OR CASING SHEAR RAM IN WHICH PIPE OR CASING WAS SHEARED, DID THE OPERATOR RETRIEVE, PHYSICALLY INSPECT, AND CONDUCT A FULL PRESSURE TEST OF THE BOP STACK AFTER THE SITUATION WAS CONTROLLED?

Authority: 30 CFR 250.738(i)

Enforcement Actions: W/S

**B-345** ARE THERE A MINIMUM OF TWO INDEPENDENT BARRIERS INSTALLED, AT LEAST ONE OF WHICH IS MECHANICAL, AND SET WITHIN A PROPERLY CEMENTED CASING STRING OR LINER IF WELL OPERATIONS WERE INTERRUPTED; AND HAS A NEGATIVE PRESSURE TEST BEEN PERFORMED BEFORE REMOVING THE BOP STACK FROM THE WELL, UNLESS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.720  
30 CFR 250.738(j)

Enforcement Actions: W/S

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**B-346** IF A TEST RAM HAS BEEN USED TO CONDUCT BOP TESTS, HAS THE WELLHEAD/BOP CONNECTOR BEEN PRESSURE TESTED TO MAXIMUM ANTICIPATED SURFACE PRESSURE (MASP) PLUS 500 PSI FOR THE HOLE SECTION TO WHICH IT WILL BE EXPOSED?

Authority: 30 CFR 250.738(l)

Enforcement Actions: W/S

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**B-350** ARE REDUNDANT BOP COMPONENTS, INSTALLED IN ADDITION TO REQUIRED COMPONENTS, COMPLIANT WITH ALL TESTING, MAINTENANCE, AND INSPECTION REQUIREMENTS?

Authority: 30 CFR 250.738(o)

Enforcement Actions: W/S

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**B-355** DID THE OPERATOR PERFORM PREVENTIVE MAINTENANCE AND INSPECT THE BOP SYSTEM TO MEET OR EXCEED ANY OEM RECOMMENDATIONS, RECOGNIZED ENGINEERING PRACTICES, AND INDUSTRY STANDARDS TO ENSURE THE EQUIPMENT FUNCTIONS AS DESIGNED; AND WERE ALL RESULTS DOCUMENTED?

Authority: 30 CFR 250.739(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-360** ARE THE MANUFACTURERS' ORIGINAL EQUIPMENT MANUFACTURER (OEM)/INSTALLATION, OPERATION, AND MAINTENANCE (IOM) MANUALS AVAILABLE ONSITE FOR ALL THE BOP EQUIPMENT INSTALLED IN ACCORDANCE WITH API STANDARD 53 SECTIONS 6.5.8.1 AND 7.6.9.4; AND ARE COMPLETE RECORDS MAINTAINED TO ENSURE THE TRACEABILITY OF THE BOP STACK EQUIPMENT?

Authority: 30 CFR 250.739(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-365** IS A PLANNED MAINTENANCE SYSTEM MAINTAINED ONSITE AND ARE ALL RECORDS READILY AVAILABLE FOR THE BOP EQUIPMENT IN ACCORDANCE WITH API STANDARD 53, SECTIONS 6.5.9.1 AND 7.6.10.1?

Authority: 30 CFR 250.739(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-370** DOES THE OPERATOR MAINTAIN COPIES OF THE EQUIPMENT MANUFACTURERS' PRODUCT ALERTS OR EQUIPMENT BULLETINS AT THE SITE FOR THE EQUIPMENT IN USE ON THE RIG IN ACCORDANCE WITH API STANDARD 53, SECTIONS 6.5.9.2 AND 7.6.10.2?

Authority: 30 CFR 250.739(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-375** DID THE OPERATOR PERFORM A MAJOR, DETAILED INSPECTION OF THE WELL CONTROL SYSTEM COMPONENTS EVERY 5 YEARS, OR IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS?

Authority: 30 CFR 250.739 (a)  
30 CFR 250.739 (b)  
30 CFR 250.739(e)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/S

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**B-380** ARE SURFACE BOP SYSTEMS VISUALLY INSPECTED EACH DAY, ONCE EVERY 3 DAYS FOR SUBSEA BOP SYSTEMS, AND ARE THE RESULTS DOCUMENTED IN THE FACILITY'S DAILY REPORTS?

Authority: 30 CFR 250.739(c)  
30 CFR 250.746(f)

Enforcement Actions: W

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**B-385** ARE THE PRIMARY AND SECONDARY CONTROL STATIONS AND PODS FUNCTIONED WEEKLY ON AN ALTERNATING SCHEDULE, ANNULAR AND PIPE/VARIABLE RAM BOPS FUNCTION TESTED EVERY 7 DAYS, SHEAR TYPE RAMS FUNCTIONED EVERY 14 DAYS AND ALL OTHER REMOTE STATIONSFUNCTION TESTED DURING THE INITIAL TEST?

Authority: 30 CFR 250.737(d)(5)  
30 CFR 250.737(d)(9)  
30 CFR 250.737(d)(10)

Enforcement Actions: W/S

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B-386

ARE ANNULARS AND VARIABLE BORE PIPE RAMS PRESSURE TESTED AGAINST THE SMALLEST SIZE OF PIPE THAT WILL BE USED FOR THE INTENDED HOLE SECTION, EXCLUDING DRILL COLLARS AND BOTTOM-HOLE TOOLS PER API STANDARD 53?

Authority: 30 CFR 250.737(d)(6)  
30 CFR 250.737(d)(7)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/S

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Surface BOP Stacks Only

B-390

IS THE SURFACE BOP PROPERLY CONFIGURED BASED ON THE TYPE OF OPERATION BEING PERFORMED AND THE EXPECTED SURFACE PRESSURES IT COULD ENCOUNTER DURING OPERATIONS?

Authority: 30 CFR 250.733(a)  
30 CFR 250.733(b)(1)  
30 CFR 250.733(e)

Enforcement Actions: S

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B-395

IS AN ALTERNATIVE CUTTING DEVICE AVAILABLE ON THE RIG FLOOR DURING OPERATIONS IF THE BLIND SHEAR RAMS ARE UNABLE TO CUT ANY ELECTRIC-LINE, WIRE-LINE, OR SLICK-LINE UNDER MASP WHEN YOU DRILL OR CONDUCT OPERATIONS WITH A SURFACE BOP STACK?

Authority: 30 CFR 250.733(a)(1)

Enforcement Actions: S

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B-400

IF USING A SURFACE BOP ON A FLOATING PRODUCTION FACILITY, IS A DUAL BORE RISER IN PLACE PRIOR TO DRILLING OR OPERATING IN ANY HOLE SECTION OR INTERVAL WHERE HYDROCARBONS ARE, OR MAY BE, EXPOSED TO THE WELL; AND DOES IT MEET THE DESIGN REQUIREMENTS OF API RP 2RD?

Authority: 30 CFR 250.733(b)  
30 CFR 250.198(h)(51)

Enforcement Actions: S

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B-405

IF A REMOTE-CONTROLLED VALVE IS NOT INSTALLED IN THE KILL LINE, ARE BOTH MANUAL VALVES READILY ACCESSIBLE AND IS A CHECK VALVE INSTALLED BETWEEN THE MANUAL VALVES AND THE PUMP?

Authority: 30 CFR 250.733(d)

Enforcement Actions: S

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B-410

IS THE SURFACE BOP SYSTEM PRESSURE TESTED WITH WATER DURING THE INITIAL TEST?

Authority: 30 CFR 250.737(d)(2)  
30 CFR 250.730(a)(1)  
30 CFR 250.198

Enforcement Actions: W/S

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B-420

DOES THE OPERATOR'S SURFACE BOP SYSTEM MEET THE REQUIREMENTS AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 6.1?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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B-425

IS THE OPERATOR'S CHOKE MANIFOLD, CHOKE LINE, AND KILL LINE INSTALLED AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 6.2?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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B-430

DOES THE OPERATOR'S CONTROL SYSTEMS FOR A SURFACE BOP STACK MEET ALL REQUIREMENTS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 6.3?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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B-435

DOES ALL AUXILIARY EQUIPMENT FOR A SURFACE BOP STACK MEET THE REQUIREMENTS AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 6.4?

Authority: 30 CFR 250.703(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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**B-440** DOES THE OPERATOR'S TESTING CRITERIA MEET THE REQUIREMENTS SPECIFIED IN API STANDARD 53, FOURTH EDITION, SECTION 6.5?

Authority: 30 CFR 250.198(h)(63)  
30 CFR 250.730(a)(1)

Enforcement Actions: W/C/S

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Subsea BOP Stacks Only

**B-445** PRIOR TO DRILLING OR CONDUCTING OPERATIONS BELOW SURFACE CASING WITH A SUBSEA STACK, ARE THERE AT LEAST FIVE REMOTE-CONTROLLED HYDRAULICALLY OPERATED BOPS INSTALLED (INCLUDING AT LEAST ONE ANNULAR, TWO SHEAR RAMS, AND TWO PIPE RAMS)?

Authority: 30 CFR 250.734(a)(1)

Enforcement Actions: S

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**B-450** DOES THE ACOUSTIC CONTROL SYSTEM FUNCTION IN ITS CURRENT ENVIRONMENT AND CONDITIONS?

Authority: 30 CFR 250.734(a)(7)

Enforcement Actions: S

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**B-455** DOES THE ACCUMULATOR CAPACITY PROVIDE FOR FAST CLOSURE OF THE BOP COMPONENTS AND CAPABLE OF OPERATING ALL CRITICAL FUNCTIONS?

Authority: 30 CFR 250.734(a)(3)

Enforcement Actions: S

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**B-460** DOES THE BOP SYSTEM INCLUDE AN OPERABLE REDUNDANT POD CONTROL SYSTEM TO ENSURE PROPER AND INDEPENDENT OPERATION OF THE BOP SYSTEM?

Authority: 30 CFR 250.734(a)(2)

Enforcement Actions: S

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**B-465** DID THE OPERATOR CLEARLY LABEL ALL CONTROL PANELS FOR THE SUBSEA BOP SYSTEM?

Authority: 30 CFR 250.734(a)(9)

Enforcement Actions: W

**B-470** DID THE OPERATOR DEVELOP AND USE A MANAGEMENT SYSTEM FOR OPERATING THE SUBSEA BOP SYSTEM WHICH INCLUDES PROCEDURES FOR PREVENTION OF ACCIDENTAL OR UNPLANNED DISCONNECTS OF THE SYSTEM?

Authority: 30 CFR 250.734(a)(10)

Enforcement Actions: S

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**B-475** WAS THE MARINE RISER DISPLACED WITH SEAWATER PRIOR TO REMOVAL?

Authority: 30 CFR 250.734(a)(12)

Enforcement Actions: W

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**B-480** IS THE SUBSEA BOP STACK PROPERLY EQUIPPED WITH REMOTE OPERATED VEHICLE (ROV) INTERVENTION?

Authority: 30 CFR 250.734(a)(4)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-485** DOES THE SUBSEA BOP SYSTEM HAVE AN OPERABLE AUTOSHEAR, DEADMAN, AND EMERGENCY DISCONNECT SYSTEM (EDS) FOR DYNAMICALLY POSITIONED RIGS; OR IF THE RIG IS MOORED, DOES IT HAVE AN OPERABLE AUTOSHEAR AND DEADMAN SYSTEM?

Authority: 30 CFR 250.734(a)(6)

Enforcement Actions: S

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**B-490** DID THE OPERATOR INSTALL OPERATIONAL OR PHYSICAL BARRIERS ON THE BOP CONTROL PANELS TO PREVENT ACCIDENTAL DISCONNECT OF ALL CRITICAL FUNCTIONS?

Authority: 30 CFR 250.734(a)(8)

Enforcement Actions: W

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**B-495** IS A GAS BLEED LINE WITH TWO VALVES FOR THE ANNULAR PREVENTER INSTALLED?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.734(a)(15)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-500**                    **WHEN UTILIZING A SUBSEA BOP STACK, DOES THE OPERATOR HAVE THE CAPABILITY TO ENSURE THAT THE ENTIRE PIPE IS POSITIONED COMPLETELY WITHIN THE AREA OF THE SHEARING BLADE(S), TO ENSURE SHEARING WILL OCCUR ANY TIME THE SHEAR RAMS ARE ACTIVATED?**

Authority: 30 CFR 250.734(a)(16)(i)

Enforcement Actions: S

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**B-505**                    **IF THE CONTROL PODS CONTAIN A SUBSEA ELECTRONIC MODULE WITH BATTERIES, IS THERE A MECHANISM IN PLACE TO ALLOW PERSONNEL ON THE RIG TO MONITOR THE STATE OF CHARGE FOR THE BATTERIES IN THE BOP CONTROL PODS?**

Authority: 30 CFR 250.734(a)(16)(ii)

Enforcement Actions: S

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**B-510**                    **IS THE SUBSEA BOP SYSTEM PRESSURE TESTED WITH WATER DURING THE STUMP TEST?**

Authority: 30 CFR 250.737(d)(3)  
30 CFR 250.730(a)(1)  
30 CFR 250.198

Enforcement Actions: W/S

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**B-515**                    **DID THE OPERATOR TEST ALL REMOTE OPERATED VEHICLE (ROV) INTERVENTION FUNCTIONS ON THE SUBSEA BOP STACK DURING THE STUMP TEST; AND ARE THE TESTS RESULTS MADE AVAILABLE TO BSEE UPON REQUEST?**

Authority: 30 CFR 250.737(d)(3)

Enforcement Actions: S

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**B-520**                    **DID THE OPERATOR CONDUCT A FUNCTION TEST ON THE AUTOSHEAR/DEADMAN AND EMERGENCY DISCONNECT SYSTEM (EDS) ON THE SUBSEA BOP STACK DURING THE STUMP TEST; AND ARE THE TEST RESULTS MADE AVAILABLE TO BSEE UPON REQUEST?**

Authority: 30 CFR 250.737(d)(12)  
30 CFR 250.737(d)(vii)

Enforcement Actions: W/S

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**B-525** DID THE OPERATOR TEST AT LEAST ONE SET OF RAMS WITH THE REMOTE OPERATED VEHICLE (ROV) ON THE SUBSEA BOP STACK UPON ITS INITIAL INSTALLATION ON THE SEAFLOOR AND ARE THE TEST RESULTS MADE AVAILABLE TO BSEE UPON REQUEST?

Authority: 30 CFR 250.737(d)(4)(v)

Enforcement Actions: S

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**B-530** DID THE OPERATOR CONDUCT A TEST OF THE DEADMAN SYSTEM ON THE SUBSEA BOP STACK DURING THE INITIAL TEST ON THE SEAFLOOR; AND ARE THE TEST RESULTS MADE AVAILABLE TO BSEE UPON REQUEST?

Authority: 30 CFR 250.737(d)(12)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/S

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**B-535** DO THE RECORDS INDICATE THAT THE WELL CELLAR IS AT THE APPROVED DEPTH TO ENSURE THE TOP OF THE STACK IS BELOW THE DEEPEST PROBABLE ICE-SCOUR DEPTH?

Authority: 30 CFR 250.738(h)

Enforcement Actions: S

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**B-540** DOES THE OPERATOR'S SUBSEA BOP SYSTEM MEET ALL OF THE REQUIREMENTS AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 7.1?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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**B-545** ARE CHOKE MANIFOLDS, CHOKE LINES, AND KILL LINES FOR SUBSEA BOP STACKS INSTALLED AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 7.2?

Authority: 30 CFR 250.198(h)(63)  
30 CFR 250.730(a)(1)

Enforcement Actions: W/C/S

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B-550

WHEN UTILIZING A SUBSEA BOP STACK, DOES THE OPERATOR'S HYDRAULIC CONTROL SYSTEMS MEET ALL OF THE REQUIREMENTS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 7.3?

Authority: 30 CFR 250.198(h)(63)  
30 CFR 250.730(a)(1)

Enforcement Actions: W/C/S

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B-555

DOES THE MUX SYSTEM MEET ALL OF THE REQUIREMENTS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 7.4?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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B-560

DOES ALL AUXILIARY EQUIPMENT FOR THE SUBSEA SYSTEM MEET THE REQUIREMENTS AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 7.5?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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B-565

DOES ALL TESTING AND MAINTENANCE PERFORMED ON THE SUBSEA BOP STACK MEET THE REQUIREMENTS AS DEFINED IN STANDARD 53, FOURTH EDITION, SECTION 7.6?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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Records and Reporting

B-570

ARE ALL BOP, CASING, AND LINER PRESSURE TESTS RECORDED ON A CHART, OR DIGITAL RECORDER, AND HAVE THEY EACH BEEN SIGNED AND DATED BY THE ONSITE LESSEE REPRESENTATIVE, CONTRACTOR REPRESENTATIVE, AND PUMP OPERATOR?

Authority: 30 CFR 250.746(a)  
30 CFR 250.746(b)

Enforcement Actions: W

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**B-575** ARE THE TIME, DATE, AND RESULTS OF ALL PRESSURE TESTS, ACTUATIONS, AND INSPECTIONS OF THE BOP SYSTEM, SYSTEM COMPONENTS, AND MARINE RISERS RECORDED IN THE DAILY REPORT; AND IS THE DAILY REPORT COMPLETE, LEGIBLE, AND ACCURATE?

Authority: 30 CFR 250.746  
30 CFR 250.740

Enforcement Actions: W

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**B-580** DOES THE DOCUMENTATION INDICATE THE SEQUENTIAL ORDER OF BOP AND AUXILIARY EQUIPMENT TESTING AND THE PRESSURE AND DURATION OF EACH TEST; FOR SUBSEA BOP SYSTEMS, ARE THE CLOSING TIMES FOR ANNULAR(S) AND RAM BOPS RECORDED?

Authority: 30 CFR 250.746(c)

Enforcement Actions: W/S

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**B-585** IS THE CONTROL STATION AND POD USED DURING THE BOP SYSTEM TESTING IDENTIFIED IN THE DAILY REPORT OR REFERENCED BOP TEST PLAN?

Authority: 30 CFR 250.746(d)

Enforcement Actions: W

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**B-590** ARE ANY PROBLEMS OR IRREGULARITIES OBSERVED DURING BOP SYSTEM TESTING IDENTIFIED AND ARE THE REMEDIAL ACTIONS TAKEN RECORDED IN THE DAILY REPORT?

Authority: 30 CFR 250.746(e)

Enforcement Actions: W

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**B-595** ARE ALL RECORDS INCLUDING PRESSURE CHARTS, DAILY REPORTS, AND REFERENCED DOCUMENTS OF BOP TESTS, ACTUATIONS, AND INSPECTIONS AVAILABLE AT THE FACILITY FOR THE DURATION OF THE WELL OPERATIONS AND MADE AVAILABLE UPON REQUEST?

Authority: 30 CFR 250.746(f)

Enforcement Actions: W

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## Coiled Tubing Requirements

**B-600** IS THE COILED TUBING BOP PROPERLY CONFIGURED BASED ON THE EXPECTED SURFACE PRESSURES IT COULD ENCOUNTER DURING OPERATIONS AND/OR WHETHER OR NOT IT IS SET UP TO TAKE RETURNS THROUGH AN OUTLET ON THE BOP STACK?

Authority: 30 CFR 250.750(a)(1)  
30 CFR 250.750(a)(2)  
30 CFR 250.750(a)(3)

Enforcement Actions: S

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**B-605** IS A DUAL CHECK VALVE ASSEMBLY INSTALLED TO THE COILED TUBING CONNECTOR AT THE DOWNHOLE END OF THE TUBING STRING, OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.750(a)(4)

Enforcement Actions: S

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**B-610** DO THE CHOKE AND KILL LINES, AND ASSOCIATED EQUIPMENT, OF THE COILED TUBING BOP SYSTEM HAVE A RATED WORKING PRESSURE THAT MEETS OR EXCEEDS THE PRESSURE RATING OF THE CONNECTIONS TO WHICH THEY ARE ATTACHED; AND ARE ALL CONNECTIONS OF THE BOP SYSTEM FLANGED?

Authority: 30 CFR 250.750(a)(5)  
30 CFR 250.750(a)(7)

Enforcement Actions: S

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**B-615** HAS A HYDRAULIC-ACTUATING SYSTEM BEEN INSTALLED THAT PROVIDES ENOUGH CAPACITY TO CLOSE-OPEN-CLOSE EACH COMPONENT OF THE BOP STACK AND MAINTAIN 200 PSI ABOVE THE PRE-CHARGE PRESSURE WITHOUT ASSISTANCE FROM A CHARGING SYSTEM?

Authority: 30 CFR 250.750(a)(6)

Enforcement Actions: S

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**B-620** WAS THE COILED TUBING BOP SYSTEM PRESSURE TESTED TO THE REQUIRED TEST PRESSURES WHEN INSTALLED AND BEFORE 14 DAYS HAVE ELAPSED SINCE THE LAST PRESSURE TEST WAS COMPLETED; OR 30 DAYS SINCE THE LAST BLIND SHEAR RAM PRESSURE TEST WAS COMPLETED WHEN APPLICABLE?

Authority: 30 CFR 250.737(a)  
30 CFR 250.737(b)  
30 CFR 250.737(c)

Enforcement Actions: W/S

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B-625

**WERE THE COILED TUBING BOPS FUNCTION TESTED EVERY 7 DAYS BETWEEN PRESSURE TESTS AND, WHEN APPLICABLE, WERE THE BLIND SHEAR RAMS FUNCTIONED TESTED EVERY 14 DAYS?**

**Authority: 30 CFR 250.737(d)(9)**

**Enforcement Actions: W/S**

**30 CFR 250.737(d)(10)**

**Inspection Procedures:**

1. Verify stripper/annular type rams, slips, and pipe rams have been function tested every 7 days.
2. Verify shear type rams have been functioned every 14 days.
3. Witness function tests if functions are being performed during the inspection.

**If Noncompliance Exists:**

- Issue a warning (**W**) INC if function tests were not conducted as required, but subsequent function tests have been conducted successfully.
- Issue a rig shut-in (**S**) INC if the required functions have not been conducted as required as per type of BOP component and/or BSEE approval.

**Inspection INC Count:**

Issue one INC per inspection.

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**Snubbing Requirements**

B-700

**IS THE SNUBBING BOP SYSTEM EQUIPED WITH THE COMPONENTS REQUIRED TO PERFORM OPERATIONS UNLESS OTHERWISE APPROVED BY BSEE?**

**Authority: 30 CFR 250.760(a)**

**Enforcement Actions: S**

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B-705

**WAS THE SNUBBING BOP SYSTEM PRESSURE TESTED TO THE REQUIRED TEST PRESSURES WHEN INSTALLED AND BEFORE 14 DAYS HAVE ELAPSED SINCE THE LAST PRESSURE TEST WAS COMPLETED?**

**Authority: 30 CFR 250.737(a)**

**30 CFR 250.737(b)**

**30 CFR 250.737(c)**

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**Enforcement Actions: W/S**