SUBPART G - WELL OPERATIONS AND EQUIPMENT Updated July 28, 2016

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

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

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** 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** 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 **Enforcement Actions: W** 30 CFR 250.711(a) 30 CFR 250.711(b) 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 Action: S**

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) Enforcement Actions: W/S 30 CFR 250.721(f) 30 CFR 250.733(b)(2)
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) Enforcement Actions: W/S 30 CFR 250.721(d) 30 CFR 250.721(f)
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) Enforcement Actions: W/S 30 CFR 250.721(d) 30 CFR 250.721(f)
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) Enforcement Actions: W/S 30 CFR 250.721(d) 30 CFR 250.721(f)
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
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
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

- 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
- 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 250.723(b) Enforcement Actions: S

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)(1) 30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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)

Enforcement Actions: S

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

ARE ALL ACCUMULATOR SYSTEM ANALOG PRESSURE GAUGES CALIBRATED AT LEAST B-185 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) **Enforcement Actions: W**

30 CFR 250.198(h)(63)

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**

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

CHOKE LINES?

Authority: 30 CFR 250.733(c)

Enforcement Actions: S

30 CFR 250.734(a)(14) 30 CFR 250.730(a)(1) 30 CFR 250.198(h)(63)

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

CONTROLLED VALVES FOR SUBSEA?

Authority: 30 CFR 250.733(d)

Enforcement Actions: S

30 CFR 250.734(a)(14) 30 CFR 250.730(a)(1) 30 CFR 250.198(h)(63)

DOES THE ACCUMULATOR SYSTEM PROVIDE SUFFICIENT CAPACITY TO OPERATE THE B-205 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) **Enforcement Actions: S**

> 30 CFR 730(a)(1) 30 CFR 250.198(h)(63)

HAVE ACCUMULATOR REGULATORS, SUPPLIED BY RIG AIR AND WITHOUT A SECONDARY B-210 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) **Enforcement Actions: S**

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

HAVE ALL ACCUMULATOR BOTTLES PRECHARGE PRESSURES BEEN MEASURED AND B-215 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)

Enforcement Actions: C/S

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

IS AN AUTOMATIC BACKUP ACCUMULATOR-CHARGING SYSTEM, AS REFERENCED IN API B-220

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) Enforcement Actions: S

> 30 CFR 250.730(a)(1) 30 CFR 250.198(h)(63)

IS AT LEAST ONE FULL REMOTE BOP CONTROL STATION, IN ADDITION TO THE ONE ON B-225

THE RIG FLOOR, PROVIDED IN A READILY ACCESSIBLE LOCATION AWAY FROM THE RIG

FLOOR?

Authority: 30 CFR 250.735(c)

Enforcement Actions: S 30 CFR 250.737(d)(5)

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

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

Authority: 30 CFR 250.735(d) Enforcement Actions: S

30 CFR 250.730(a)(1)

30 CFR 250.198(h)(63)

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

Authority: 30 CFR 250.735(e) **Enforcement Actions: S**

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

IS A FILL-UP LINE INSTALLED ABOVE THE UPPERMOST BOP? B-240

> **Authority: 30 CFR 250.735(f) Enforcement Actions: S**

> > 30 CFR 250.514(b)(1) 30 CFR 250.614(c)(1) 30 CFR 250.730(a)(1) 30 CFR 250.198(h)(63)

DOES THE WELLHEAD ASSEMBLY HAVE A RATED WORKING PRESSURE (RWP) THAT B-245

EXCEEDS THE MAXIMUM ANTICIPATED WELLHEAD PRESSURE?

Authority: 30 CFR 250.735(h) **Enforcement Actions: S**

ARE LOCKING DEVICES INSTALLED ON ALL BOP SEALING RAMS (I.E., BLIND SHEAR RAMS, B-250

PIPE RAMS AND VARIABLE BORE RAMS)?

Authority: 30 CFR 250.735(g) Enforcement Actions: S

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

Enforcement Actions: S

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

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) Enforcement Actions: S

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

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) Enforcement Actions: S

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

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)

Enforcement Actions: S

Enforcement Actions: W/S

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

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

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

Authority: 30 CFR 250.737(a)(1) Enforcement Actions: W/S

30 CFR 250.737(d)(4)

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; AND HAVE THEY BEEN

ALTERNATED BETWEEN CONTROL STATIONS AND PODS AS REQUIRED?

Authority: 30 CFR 250.737(a)(2) Enforcement Actions: W/S

30 CFR 250.737(a)(3)

30 CFR 250.737(d)(5)

HAVE ALL BOP SYSTEM COMPONENTS BEEN SUCCESSFULLY TESTED TO A LOW-B-295 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) **Enforcement Actions: W/S** 30 CFR 250.737(b)(1) HAVE ALL BOP SYSTEM COMPONENTS BEEN SUCCESSFULLY TESTED TO THE REQUIRED B-300 HIGH-PRESSURE APPROVED IN THE PERMIT? Authority: 30 CFR 250.737(b)(2) **Enforcement Actions: W/S** 30 CFR 250.737(b)(3) HAS EACH PRESSURE TEST PERFORMED ON THE BOP SYSTEM HELD PRESSURE FOR THE B-305 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) **Enforcement Actions: W/S** 30 CFR 250.746(a) 30 CFR 250.730(a)(1) 30 CFR 250.198(h)(63) B-310 DID THE OPERATOR PROVIDE THE DISTRICT MANAGER A NOTIFICATION 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) **Enforcement Actions: W** 30 CFR 250.737(e) ARE AFFECTED BOP COMPONENTS PRESSURE TESTED FOLLOWING DISCONNECTION OR B-315 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) **Enforcement Action: W/S** 30 CFR 250.738(b)(3) 30 CFR 250.730(a)(1) 30 CFR 250.198(h)(63) 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** 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?**

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?

Enforcement Actions: S

Authority: 30 CFR 250.738(e)

Authority: 30 CFR 250.738(d) Enforcement Actions: W/S

B-335 ARE THE AFFECTED CONNECTIONS TESTED BEFORE RUNNING CASING, EITHER TO THE RATED WORKING PRESSURE (RWP) OR THE MAXIMUM ANTICIPATED SURFACE PRESSURE (MASP) PLUS 500 PSI, WHEN CASING RAMS ARE INSTALLED IN THE BOP STACK OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.738(f) Enforcement Actions: W

B-340 IF THE OPERATOR ACTIVITATED 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 Enforcement Action: W/S 30 CFR 250.738(j)

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(1) Enforcement Action: W/S

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

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) Enforcement Actions: S 30 CFR 250.730(a)(1)

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

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) Enforcement Actions: S
30 CFR 250.730(a)(1)
30 CFR 250.198(h)(63)

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) Enforcement Actions: S

9

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

DOES THE OPERATOR MAINTAIN COPIES OF THE EQUIPMENT MANUFACTURERS' B-370 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)

Enforcement Actions: S

Enforcement Actions: W

30 CFR 250.730(a)(1)

30 CFR 250.198(h)(63)

DID THE OPERATOR PERFORM A COMPLETE BREAKDOWN AND DETAILED PHYSICAL B-375 INSPECTION OF THE BOP, AND ALL ASSOCIATED SYSTEMS AND COMPONENTS, EVERY 5 YEARS OR AS ACCORDING TO MANUFACTURER'S SPECIFICATIONS AS STATED IN API STANDARD 53, SECTIONS 6.5.7.3 AND 7.6.9.3?

Authority: 30 CFR 250.739 (a) **Enforcement Actions: W/S**

30 CFR 250.739 (b)

30 CFR 250.739(e)

30 CFR 250.730(a)(1)

30 CFR 250.198(h)(63)

ARE SURFACE BOP SYSTEMS VISUALLY INSPECTED EACH DAY, ONCE EVERY 3 DAYS FOR B-380 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)

B-385 ARE BOTH PRIMARY AND SECONDARY CONTROL STATIONS AND PODS FUNCTIONED WEEKLY, ANNULAR AND PIPE/VARIABLE RAM BOPS FUNCTION TESTED EVERY 7 DAYS BETWEEN PRESSURE TESTS, SHEAR TYPE RAMS FUNCTIONED EVERY 14 DAYS AND ALL OTHER REMOTE STATIONS, WHERE ALL BOP FUNCTIONS ARE NOT INCLUDED, FUNCTION

TESTED DURING THE INITIAL TEST AND MONTHLY THEREAFTER?

Authority: 30 CFR 250.737(d)(5) **Enforcement Actions: W/S**

30 CFR 250.737(d)(9)

30 CFR 250.737(d)(10)

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) **Enforcement Actions: W/S**

> > 30 CFR 250.737(d)(7)

30 CFR 250.730(a)(1)

30 CFR 250.198(h)(63)

SURFACE BOP STACKS ONLY

B-390	PRIOR TO DRILLING OR CONDUCTING OPERATIONS BELOW SURFACE CASING WITH A SURFACE STACK, ARE THERE AT LEAST FOUR REMOTE-CONTROLLED HYDRAULICALLY OPERATED BOPS (INCLUDING A LEAST ONE ANNULAR, ONE BLIND SHEAR RAM, AND TWO PIPE RAMS)?			
	Authority: 30 CFR 250.733(a)	Enforcement Actions: S		
B-395	OPERATIONS IF THE BLIND SHEAR RAMS ARE UNABLE TO CUT LINE, OR SLICK-LINE UNDER MASP WHEN YOU DRILL OR CONISURFACE BOP STACK?			
	Authority: 30 CFR 250.733(a)(1)	Enforcement Actions: S		
B-400	IF USING A SURFACE BOP ON A FLOATING PRODUCTION FACIL IN PLACE PRIOR TO DRILLING OR OPERATING IN ANY HOLE SEWHERE HYDROCARBONS ARE, OR MAY BE, EXPOSED TO THE VITHE DESIGN REQUIREMENTS OF API RP 2RD? Authority: 30 CFR 250.733(b) 30 CFR 250.198(h)(51)	ECTION OR INTERVAL		
B-405	B-405 IF A REMOTE-CONTROLLED VALVE IS NOT INSTALLED IN THE KILL LINE MANUAL VALVES READILY ACCESSIBLE AND IS A CHECK VALVE INSTAL MANUAL VALVES AND THE PUMP?			
	Authority: 30 CFR 250.733(d)	Enforcement Actions: S		
B-410	IS THE SURFACE BOP SYSTEM PRESSURE TESTED WITH WATE TEST?	R DURING THE INITIAL		
	Authority: 30 CFR 250.737(d)(2) 30 CFR 250.730(a)(1) 30 CFR 250.198	Enforcement Actions: W/S		
B-420	DOES THE OPERATOR'S SURFACE BOP SYSTEM MEET THE REQUIREMENTS AS DE API STANDARD 53, FOURTH EDITION, SECTION 6.1?			
	Authority: 30 CFR 250.730(a)(1)	Enforcement Action: W/C/S		
	30 CFR 250.198(h)(63)			
B-425 IS THE OPERATOR'S CHOKE MANIFOLD, CHOKE LINE, AND DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION				
	Authority: 30 CFR 250.730(a)(1) 30 CFR 250.198(h)(63)	Enforcement Action: W/C/S		
B-430	DOES THE OPERATOR'S CONTROL SYSTEMS FOR A SURFACE E REQUIREMENTS DEFINED IN API STANDARD 53, FOURTH EDITI Authority: 30 CFR 250.730(a)(1) 30 CFR 250.198(h)(63)			
B-435	DOES ALL AUXILIARY EQUIPMENT FOR A SURFACE BOP STAC REQUIREMENTS AS DEFINED IN API STANDARD 53, FOURTH ED Authority: 30 CFR 250.703(a)(1)			

30 CFR 250.198(h)(63)

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) Enforcement Action: W/C/S

30 CFR 250.730(a)(1)

SUBSEA BOP STACKS ONLY

B-445	PRIOR TO DRILLING OR CONDUCTING OPERATIONS BELOW SUBSEA STACK, ARE THERE AT LEAST FIVE REMOTE-CONTRO OPERATED BOPS INSTALLED (INCLUDING AT LEAST ONE ANNUAND TWO PIPE RAMS)? Authority: 30 CFR 250.734(a)(1)	LLED HYDRAULICALLY
B-450	DOES THE ACOUSTIC CONTROL SYSTEM FUNCTION IN ITS CUR CONDITIONS? Authority: 30 CFR 250.734(a)(7)	RENT ENVIRONMENT AND Enforcement Action: S
B-455	DOES THE ACCUMULATOR CAPACITY, LOCATED SUBSEA, PRO OF THE BOP COMPONENTS AND CAPABLE OF OPERATING ALL THE EVENT THAT POWER FLUID CONNECTION IS LOST TO THE Authority: 30 CFR 250.734(a)(3)	CRITICAL FUNCTIONS IN
B-460	DOES THE BOP SYSTEM INCLUDE AN OPERABLE REDUNDANT I ENSURE PROPER AND INDEPENDENT OPERATION OF THE BOP Authority: 30 CFR 250.734(a)(2)	
B-465	DID THE OPERATOR CLEARLY LABEL ALL CONTROL PANELS I SYSTEM? Authority: 30 CFR 250.734(a)(9)	FOR THE SUBSEA BOP Enforcement Actions: W
B-470	DID THE OPERATOR DEVELOP AND USE A MANAGEMENT SYST SUBSEA BOP SYSTEM WHICH INCLUDES PROCEDURES FOR PROOF UNPLANNED DISCONNECTS OF THE SYSTEM? Authority: 30 CFR 250.734(a)(10)	
B-475	WAS THE MARINE RISER DISPLACED WITH SEAWATER PRIOR Authority: 30 CFR 250.734(a)(12)	TO REMOVAL? Enforcement Actions: W
B-480	IS THE SUBSEA BOP STACK PROPERLY EQUIPPED WITH REMO VEHICLE (ROV) INTERVENTION? Authority: 30 CFR 250.734(a)(4) 30 CFR 250.198(h)(63)	TE OPERATED Enforcement Actions: S
B-485	DOES THE SUBSEA BOP SYSTEM HAVE AN OPERABLE AUTOSHI EMERGENCY DISCONNECT SYSTEM (EDS) FOR DYNAMICALLY THE RIG IS MOORED, DOES IT HAVE AN OPERABLE AUTOSHEA Authority: 30 CFR 250.734(a)(6)	POSITIONED RIGS; OR IF
B-490	ID THE OPERATOR INSTALL OPERATIONAL OR PHYSICAL BARRIERS ON THE BOP ONTROL PANELS TO PREVENT ACCIDENTAL DISCONNECT OF ALL CRITICAL UNCTIONS?	
	Authority: 30 CFR 250.734(a)(8)	Enforcement Actions: W
B-495	IS A GAS BLEED LINE WITH TWO VALVES FOR THE ANNULAR I Authority: 30 CFR 250.734(a)(15) 30 CFR 250.730(a)(1)	PREVENTER INSTALLED? Enforcement Actions: S

30 CFR 250.198(h)(63)

B-500	WHEN UTILIZING A SUBSEA BOP STACK, IS A MECHANSIM COUPLED WITH EACH SHEAR RAM, TO POSITION THE ENTIRE PIPE COMPLETELY WITHIN THE AREA OF THE SHEARING BLADE, TO ENSURE SHEARING WILL OCCUR ANY TIME THE SHEAR RAMS ARE ACTIVATED?			
	Authority: 30 CFR 250.734(a)(16)(i)	Enforcement Actions: S		
B-505				
B-510	IS THE SUBSEA BOP SYSTEM PRESSURE TESTED WITH WATER Authority: 30 CFR 250.737(d)(3) 30 CFR 250.730(a)(1) 30 CFR 250.198	DURING THE STUMP TEST? Enforcement Actions: W/S		
B-515	DID THE OPERATOR TEST ALL REMOTE OPERATED VEHICLE (FUNCTIONS ON THE SUBSEA BOP STACK DURING THE STUMP TRESULTS MADE AVAILABLE TO BSEE UPON REQUEST? Authority: 30 CFR 250.737(d)(3)			
B-520	DID THE OPERATOR CONDUCT A FUNCTION TEST ON THE AUT EMERGENCY DISCONNECT SYSTEM (EDS) ON THE SUBSEA BOY TEST; AND ARE THE TEST RESULTS MADE AVAILABLE TO BSE Authority: 30 CFR 250.737(d)(12) 30 CFR 250.737(d)(12)(viii)	STACK DURING THE STUMP		
B-525	DID THE OPERATOR TEST AT LEAST ONE SET OF RAMS WITH TO VEHICLE (ROV) ON THE SUBSEA BOP STACK UPON ITS INITIAL SEAFLOOR AND ARE THE TEST RESULTS MADE AVAILABLE TO Authority: 30 CFR 250.737(d)(4)	INSTALLATION ON THE		
B-530	DID THE OPERATOR CONDUCT A TEST OF THE DEADMAN SYST STACK DURING THE INITIAL TEST ON THE SEAFLOOR; AND AF AVAILABLE TO BSEE UPON REQUEST? Authority: 30 CFR 250.737(d)(12) 30 CFR 250.730(a)(1) 30 CFR 250.198(h)(63)			
B-535	DO THE RECORDS INDICATE THAT THE WELL CELLAR IS AT T ENSURE THE TOP OF THE STACK IS BELOW THE DEEPEST PRO Authority: 30 CFR 250.738(h)	- '		
B-540	DOES THE OPERATOR'S SUBSEA BOP SYSTEM MEET ALL OF THE DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 7.12 Authority: 30 CFR 250.730(a)(1) 30 CFR 250.198(h)(63)	_		
B-545	ARE CHOKE MANIFOLDS, CHOKE LINES, AND KILL LINES FOR INSTALLED AS DEFINED IN API STANDARD 53, FOURTH EDITIO			

30 CFR 250.730(a)(1) WHEN UTILIZING A SUBSEA BOP STACK, DOES THE OPERATOR'S HYDRAULIC CONTROL B-550 SYSTEMS MEET ALL OF THE REQUIREMENTS DEFINED IN API STANDARD 53, FOURTH **EDITION, SECTION 7.3?** Authority: 30 CFR 250.198(h)(63) **Enforcement Action: W/C/S** 30 CFR 250.730(a)(1) 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) **Enforcement Action: W/C/S** 30 CFR 250.198(h)(63) 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) **Enforcement Action: W/C/S** 30 CFR 250.198(h)(63) 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) **Enforcement Action: W/C/S** 30 CFR 250.198(h)(63)

Enforcement Action: W/C/S

Authority: 30 CFR 250.198(h)(63)

Records and Reporting

ARE ALL BOP, CASING, AND LINER PRESSURE TESTS RECORDER RECORDER, AND HAVE THEY EACH BEEN SIGNED AND DATED REPRESENTATIVE, CONTRACTOR REPRESENATIVE, AND PUM Authority: 30 CFR 250.746(a) 30 CFR 250.746(b)	BY THE ONSITE LESSEE
ARE THE TIME, DATE, AND RESULTS OF ALL PRESSURE TESTS, INSPECTIONS OF THE BOP SYSTEM, SYSTEM COMPONENTS, AN RECORDED IN THE DAILY REPORT; AND IS THE DAILY REPORT ACCURATE? Authority: 30 CFR 250.746 30 CFR 250.740	ND MARINE RISERS
DOES THE DOCUMENTATION INDICATE THE SEQUENTIAL ORI EQUIPMENT TESTING AND THE PRESSURE AND DURATION OF BOP SYSTEMS, ARE THE CLOSING TIMES FOR ANNULAR(S) ANI Authority: 30 CFR 250.746(c)	EACH TEST; FOR SUBSEA
IS THE CONTROL STATION AND POD USED DURING THE BOP SYSTEM TESTING IN THE DAILY REPORT OR REFERENCED BOP TEST PLAN?	
Authority: 30 CFR 250.746(d)	Enforcement Actions: W
ARE ANY PROBLEMS OR IRREGULARITIES OBSERVED DURING BOP SYSTEM TESTI IDENTIFIED AND ARE THE REMEDIAL ACTIONS TAKEN RECORDED IN THE DAILY REPORT?	
Authority: 30 CFR 250.746(e)	Enforcement Actions: W
ARE ALL RECORDS INCLUDING PRESSURE CHARTS, DAILY REI DOCUMENTS OF BOP TESTS, ACTUATIONS, AND INSPECTIONS A FACILITY FOR THE DURATION OF THE WELL OPERATIONS AN REQUEST? Authority: 30 CFR 250.746(f)	AVAILABLE AT THE
	RECORDER, AND HAVE THEY EACH BEEN SIGNED AND DATED REPRESENTATIVE, CONTRACTOR REPRESENATIVE, AND PUMAUTHORITY: 30 CFR 250.746(a) 30 CFR 250.746(b) ARE THE TIME, DATE, AND RESULTS OF ALL PRESSURE TESTS, INSPECTIONS OF THE BOP SYSTEM, SYSTEM COMPONENTS, AN RECORDED IN THE DAILY REPORT; AND IS THE DAILY REPORT ACCURATE? Authority: 30 CFR 250.746 30 CFR 250.746 DOES THE DOCUMENTATION INDICATE THE SEQUENTIAL ORIE EQUIPMENT TESTING AND THE PRESSURE AND DURATION OF BOP SYSTEMS, ARE THE CLOSING TIMES FOR ANNULAR(S) ANI Authority: 30 CFR 250.746(c) IS THE CONTROL STATION AND POD USED DURING THE BOP SYIN THE DAILY REPORT OR REFERENCED BOP TEST PLAN? Authority: 30 CFR 250.746(d) ARE ANY PROBLEMS OR IRREGULARITIES OBSERVED DURING IDENTIFIED AND ARE THE REMEDIAL ACTIONS TAKEN RECORREPORT? Authority: 30 CFR 250.746(e) ARE ALL RECORDS INCLUDING PRESSURE CHARTS, DAILY REDOCUMENTS OF BOP TESTS, ACTUATIONS, AND INSPECTIONS AN REQUEST?