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| **DROP TEST RECORD FOR DEEP SUBMERGENCE SYSTEMS**  QA FORM 27A (DSS) Planning must fill in blocks identified by a ◆ prior to issuing. | | | | | | | | | | | | | PAGE \_\_\_\_\_\_ OF \_\_\_\_\_\_ | | | |
| ◆**1. DSS PLATFORM** | | | **HULL NO.** | ◆**2. JCN** | | | | ◆**3. LWC/SHOP** | | | ◆**4. CWP/REC SER NO.** | | | ◆**5. SYSTEM/COMPONENT** | | |
|  | | | |  | | | |  | | |  | | |  | | |
| ◆**6. REFERENCES** (TEST REFERENCE MANUAL(S) AND/OR OTHER APPLICABLE REFERENCES) | | | | | | | | | | | | | | | | |
| **A.** | | | | | **B.** | | | | | | | **C.** | | | | |
| **D.** | | | | | **E.** | | | | | | | **F.** | | | | |
| ◆**7. REQUIRED TEST AND INSPECTION –** SPECIFY TEST REQUIREMENTS [i.e., TYPE OF TEST, TEST MEDIUM, JOINTS TO BE TESTED (IF ENTIRE COMPONENT/SYSTEM IS TESTED, SO STATE)]. | | | | | | | | | | | | | | | | |
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| ◆**8. DIAGRAM OF TEST AREA INCLUDING GAGS AND BLANKS INSTALLED, VALVE POSITIONS, AND TEST GAGES/INSTR USED (DOCUMENT BELOW OR ATTACH SKETCH).**  **Thermometer Serial No.:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range (OF):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cal Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cal Due Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | | | | | | | | | | | | | | |
| **9. GAGE DATA** | **RANGE (PSIG)** | | | | **SERIAL #** | | | | **CAL DATE** | | | **CAL DUE DATE** | | | | |
| **PRIMARY** |  | | | |  | | | |  | | |  | | | | |
| **BACKUP** |  | | | |  | | | |  | | |  | | | | |
| ◆**10. REQUIRED TEST FLUID:** | | | | |  | | | | | | | | | | | |
| ◆**11. REQUIRED TEST PRESSURE:** | |  | | | **12. INITIAL TEST PRESSURE:** | | | | |  | | **13. FINAL PRESSURE AT END OF TEST:** | | |  | |
| **14. TEMPERATURE AT START OF TEST:** | |  | | | **15. TEMPERATURE AT END OF TEST:** | | | | |  | | **16. CHANGE IN TEMPERATURE:** | | |  | |
| ◆**17. REQUIRED TEST DURATION:** | |  | | | | | | | | **18. ACTUAL TEST DURATION:** | |  | | | | |
| ◆**19. ALLOWABLE PRESSURE DROP% IN MINUTES/HOURS:** | | | | | | | | | | **20. FINAL PRESSURE DROP CORRECTED FOR TEMPERATURE CHANGE:** | | | | | | |
|  | | | | | | | | | |  | | | | | | |
| **21. TEST MEDIUM:** | | | | | | | **22. TEST RESULTS (CHECK ONE):** | | | | | SAT  UNSAT | | | | |
| **23. REMARKS:** | | | | | | | | | | | | | | | | |
| **24. CERTIFICATION**  **CERTIFICATION SIGNATURES MUST BE MADE BY THE CRAFTSMAN WHO PERFORMED THE TEST AND THE QAI WHO WITNESSED THE TEST** | | | | | | | | | | | | | | | | |
| PERFORMED BY: | | | | | |  | | | | INSPECTED BY: | | | | | |  |
| CRAFTSMAN SIGNATURE | | | | | | DATE | | | | QA INSPECTOR SIGNATURE | | | | | | DATE |
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| **DROP TEST RECORD FOR DEEP SUBMERGENCE SYSTEMS**  QA FORM 27A (DSS) (CONTINUATION SHEET) | | | | | | | | | PAGE \_\_\_\_\_\_ OF \_\_\_\_\_\_ | | | |
| **DSS PLATFORM** | **HULL NO.** | **JCN** | | | **LWC/SHOP** | | **CWP/REC SER NO.** | | | **SYSTEM/COMPONENT** | | |
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| 25. VALVE/SYSTEM LINEUP FOR PRESSURE TESTING | | | | | | | | | | | | |
| ◆**VALVE/COMPONENT DESIGNATOR AND/OR NOMENCLATURE** | | | ◆**REQUIRED POSITION/CONDITION** | | | **POSITIONER** | | **1ST CHECK** | | | **2nd CHECK** | |
| **INITIALS** | | **INITIALS** | | | **INITIALS** | |
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| THE VALVE/SYSTEM LINEUP MUST INCLUDE THE POSITION/CONDITION OF SYSTEM COMPONENTS WHICH COMPOSE THE TEST BOUNDARY, SYSTEM COMPONENTS WITHIN THE TEST BOUNDARY, TEMPORARY TEST FITTINGS, BLANKS AND JUMPERS INSTALLED IN THE SYSTEM FOR TESTING AND THE TEST ENTRY POINT WHEN AN EXTERNAL PRESSURE SOURCE IS USED FOR AN INTERNAL PRESSURE TEST. | | | | | | | | | | | | |
| **POSITIONER NAME (PRINT)** | | | | **POSITIONER SIGNATURE** | | | | | **POSITIONER INITIALS** | | | **DATE** |
|  | | | |  | | | | |  | | |  |
| **1st CHECK NAME (PRINT)** | | | | **1st CHECK SIGNATURE** | | | | | **1st CHECK INITIALS** | | | **DATE** |
|  | | | |  | | | | |  | | |  |
| **2nd CHECK NAME (PRINT)** | | | | **2nd CHECK SIGNATURE** | | | | | **2nd CHECK INITIALS** | | | **DATE** |
|  | | | |  | | | | |  | | |  |