Quality Programme - Wellheads

Project title:	
Purchase order title:	
Order/package no.:	
Vendor:	

A	REQUIREMENTS WITH TENDER	KEY
1	Assessment of technical capability.	
2	Appraisal of quality system.	
3	Review of typical SQP.	
4	Review of typical ITP.	
B	**REQUIREMENTS PRIOR TO MANUFACTURE/CONSTRUCTION**	
1	Design verification.	
2	Design validation.	
3	Formal design review.	
4	Approval of design documentation/drawings/specifications.	
5	Approval of SQP.	
6	Approval of ITP.	
7	Approval of PED implementation plan.	
8	Approval of reliability plan (including TRCs), RAD, qualification plan, and matrix.	
9	Approval of major subvendor and subcontractor ITPs.	
10	Approval of raw material manufacturing process and procedure, including test coupon location.	
11	Approval of weld procedures (including repair procedures, if applicable).	
12	Monitor new weld procedure qualification test, review NDT results, and witness all associated mechanical tests.	
13	Approval of NDT procedures.	
14	Approval of handling, preservation, and packaging procedures.	
15	Preproduction meeting.	
C	**REQUIREMENTS DURING MANUFACTURE/CONSTRUCTION**	
1	Examination and approval of manufacturing areas.	
2	Review and approval of welder and NDT operator qualifications.	
3	Verification of materials against certification.	
4	Witness alloy verification/PMI.	
5	Examination of weld preps/setups.	
6	Surveillance during welding and weld overlay.	
7	Monitor NDT operations (UT, MPI, DPI, hardness testing, and radiography).	
8	Visual examination of completed welds.	
9	Heat treatment to be checked and reports and charts to be stamped approved.	
10	Review NDT reports.	
11	Witness hydrostatic pressure test.	
12	Verification against Contractor drawings of close tolerance and/or critical dimensions.	
13	Verification against Contractor drawings of seal/interface surface finishes.	
14	Final visual, key dimensional inspection, and any continuity checks.	
15	Witness of drifting and/or sizing of wear bushings.	
16	Witness of functional testing (e.g., prototype, FAT, stackup tests)	
17	Verify that marking and tag numbers have been applied in accordance with BP requirements.	
18	Check handling, preservation, and packaging (including identification).	
19	Examine lifting attachments and certification.	
20	Examine protective coatings.	
21	Witness equipment being weighed.	
22	Verify that all inspections and tests are complete.	
23	Issue inspection release note.	

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Quality Programme - Wellheads - page 2

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D	REQUIREMENTS AT CONTRACT COMPLETION	
1	Review and approve data dossier.	
2	Review and approve performance/functional test data.	
3	Review and approve maintenance/operation manuals.	

Key:

AP = Approve, H = Hold, R = Review, W = Witness, S = Surveillance, N/A = Not Applicable.

Notes

1. The Vendor/Manufacturer is required to include the points referenced in the above quality programme in all related system quality plans and inspection & test plans as identified in the POQR, part 1, section 4.
2. These activities are in addition to the QA/QC activities performed in house by the Vendor. These activities shall be performed by BP or a BP NIB as appropriate, and if specified as a requirement, shall be included in the Vendor SQP and/or ITP.

NO.	DATE	REVISION	BY	APP

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