

Project Name X		Inspection & Test Plan					Contract/PO No.:		
		Activity:					Principal:		
		ITP No:					Location:		
Seq. No	Description/Activity (Denote if SCE or 5 % V) *	Controlling Procedure Form to record results of compliance	Specification Acceptance Criteria Reference	Intervention (M, H, W, R or A)*					Comments/Remarks
				Supplier/ Subcontractor	Contractor	3 <sup>rd</sup> Party Rep.	Principal	Other	
<b>1</b>	<b>GENERAL</b>								
1.1	Pre Inspection Meeting	M of M	Agenda						
1.2	Verification contractors qualifications	Certificates	eg ISO 9000, U-stamp						
1.3	Documentation available AFC		Drawings, Practices, Procedures						
1.4	Receipt of materials	Packing list, certificates	MTO						
1.5	Approved NDT Procedures	NDT procedures	Code/Standard						
1.6	NDT personnel Qualifications	Operator certificates	EN/ASNT certificates						
1.7	Approved WPSses-PQR's, incl repair	Listed WPS-PQR set	Code/Standard						
1.8	Approved welders	Listed Welders certificates	Code/Standard						
1.9	Welders Skill Test on Site	Record	Specifcation						
1.10	Check Welding consumables (incl. Storage and Handling)	Certificates of Compliance	Code/Standard						
1.11	Remarking procedure	Remarking Procedure	Code / Standard / Practice						
1.12	Approved PWHT procedures	PWHT procedures	Code / Standard / Practice						
1.13	Approved PMI Procedures	PMI procedures	Code / Standard / Practice						
1.14	Approved Hardness test Procedures	Hardness procedure	Code / Standard / Practice						
1.15	Calibration of Equipment	Valid Certificates	Code / Standard / Practice						
1.16	Bolt torqing / tensioning procedure	Approved torqing procedure	Code / Standard / Practice						
1.17	Approved Hydrotest Procedure	Hydrotest procedure	Code / Standard / Practice						
1.18	Approved Reinstating Procedure	Reinstating Procedure	Code / Standard / Practice						
1.19	Approved Painting Procedure	Painting Procedure	Code / Standard / Practice						
1.20	Approved Insulation Procedure	Insulation Procedure	Code / Standard / Practice						
1.21	Approved layout QC documentation	Final documentation specification	Code / Standard / Practice						
<b>2</b>	<b>Welding (Shop)</b>								
2.1	Allocation of pipe spools materials	Mat rec. Report	Drawings / MTO						
2.2	PMI incoming material	Report	Specification						
2.3	Remarking of material	Report	Approved procedure						
2.4	NDT weld bevels (CrMo steels > 20 mm WT)	Report	Approved procedure						
2.5	Fit-up of pipe spools	WPS	Code / Standard / Practice						
2.6	Checking valves before welding, incl label and posit		Valve drawing						
2.7	Checking internal cleanliness of piping	Report							
2.8	Check of root-weld		WPS						
2.9	Check dimension pipe spools		Isometric						
2.10	Visual Inspection of pipe spools	VT report	Code / Standard / Practice						
2.11	Non destructive testing (RT/UT/PT/MT)	NDT report	Code / Standard / Practice						
2.12	Execution of repairs, incl. tracers	WPS, NDT report	Approved repair procedure						
2.13	Control of PWHT	PWHT report	Approved PWHT procedure						
2.14	Hardness testing of welds	Hardness report	Approved Hardness test Procedures						
2.15	PMI of welds	PMI report	Approved PMI Procedures						
2.17	Check of QC documentation	Hydrotest pack	Approved Hydrotest Procedure						

2.18	Release for Hydrotesting	Reinstatement report	Approved Reinstating Procedure						
2.19	Painting	Report	Approved Painting Procedure						
2.20	Check of QC documentation	Shop Documentation	Approved layout QC documentation						
2.21	Release for transport	Release Note							
3	<b>Welding (Site)</b>								
3.1	Identification of pipe spools		Drawings						
3.2	Fit-up of pipe spools	WPS	Code / Standard / Practice						
3.3	PMI incoming material	Report	Specification						
3.4	Remarking of material	Report	Approved procedure						
3.5	NDT weld bevels (CrMo steels > 20 mm WT)	Report	Approved procedure						
3.6	Checking valves before welding, incl label and posit		Valve drawing						
3.7	Checking internal cleanliness of piping	Report							
3.8	Check of root-weld		WPS						
3.9	Check position and dimension pipe spools		Isometric						
3.10	Visual Inspection of pipe spools	VT report	Code / Standard / Practice						
3.11	Non destructive testing (RT/UT/PT/MT)	NDT report	Code / Standard / Practice						
3.12	Execution of repairs, incl. tracers	WPS, NDT report	Approved repair procedure						
3.13	Control of PWHT	PWHT report	Approved PWHT procedure						
3.14	Hardness testing of welds	Hardness report	Approved Hardness test Procedures						
3.15	PMI of welds	PMI report	Approved PMI Procedures						
3.16	Check of supporting		Isometrics / Drawings						
3.17	Release for Hydrotesting	Hydrotest pack	Approved Hydrotest Procedure						
3.18	Reinstatement	Reinstatement report	Approved Reinstating Procedure						
3.19	Check of bolt torqing	Marking or Report	Approved torqing procedure						
3.20	Touch up painting	Report	Approved Painting Procedure						
3.21	Pipe insulation	Report	Approved Insulation Procedure						
3.22	Erection Completion	Release note	Drawings/Reports						
3.23	Check of QC documentation	Final Documentation	Approved layout QC documentation						

\*Inspection and test mark-up legend: I = Inspect/Test, M = Monitor, W = Witness, H = Hold Point, R = Document Review, A= Document Approval, SCE = Safety Critical Item, 5 % V – 5 % Principal Verification required

**Inspection and testing activities completed**

Signed on behalf of:	Supplier/ Subcontractor	Contractor	3 <sup>rd</sup> Party	Principal	Other
Signature:					
Print Name:					
Date:					