



QUALITY ASSURANCE PLAN



				VALVE TYPE:	CS BALL VALVE				
Sl. No.	Activity	Extent of check	Reference documents	Acceptance criteria	Format of records	P	W	R	Remarks
1	Chemical Analysis for Body, Ends, Ball, Stem, Body Stud & Nuts	Per Heat/Batch	As per ASTM/BS Std.	As per ASTM/BS Std.	Summary Of Material Test Certificate	A	-	B, C/D	
2	Mechanical Properties for Body, Ends, Ball, Stem ,Body Stud & Nuts	Per Heat/Batch	As per ASTM/BS Std.	As per ASTM/BS Std.	Summary Of Material Test Certificate	A	-	B, C/D	
3	Hydrostatic Shell Test	100%	Approved Drawing or Spec. sheet / Data Sheet	No visible detectable leakage	Test Certificate	B	B	C/D	
4	Hydrostatic Seat Test	100%	Approved Drawing or Spec. sheet / Data Sheet	As per Standard /Approved Drawing or spec. sheet / Data Sheet.	Test Certificate	B	B	C/D	
5	Pneumatic (air) Seat Test (Soft seat only)	100%	Approved Drawing or Spec. sheet / Data Sheet	As per Standard /Approved Drawing or spec. sheet / Data Sheet.	Test Certificate	B	B	C/D	
6	Performance / Functional Check	100%	Approved Drawing or Spec. sheet / Data Sheet	Smooth operation	Inspection Report	B	B	C/D	
7	Dimensional & Visual Check	Dimensional 10% & Visual Check 100%	Approved Drawing & MSS-SP-55	Approved Drawing & MSS-SP-55	Inspection Report	B	B	C/D	
8	Review of Type Test Fire Safe Certificate	100%	As per API 607	As per API 607	Test Certificate	B	-	C/D	
9	Review of Final Documents	100%	P.O./ Approved Drawing & Data Sheet.	P.O./ Approved Drawing & Data Sheet.	Test Certificates	B	-	C/D	

Legends				Prepared by:	Reviewed by:	Approved by:
A	Sub-Vendor	P	Performance	Name:	A.S.	N.G.
B	Vendor	W	Witness			
C	TPI	R	Review			
D	MNGL/ Consultant					

Note: 1) ONE SET OF TC,GC,FINAL INSPECTION AND TEST REPORT, MTC & PROTOTYPE FIRE SAFE TEST REPORT FOR ABOVE MENTIONED VALVES WILL BE FURNISHED.
 DOC NO- REPL/MNGL/NGBV/080/21