

JF	Jindal Forging Pvt Ltd QAP No. Date :				Client : Remarks :		
	QAP Buttweld Fittings/Socketweld Fittings						
Description	Component and Operation	Characteristics	Type of check	Extent of Inspection	Record	Agency	
						Self	TPI/Client
Raw Material	Pipe	Coupon Testing UTS and Notch Toughness Test per Heat No.	Material Specification Physical and Chemical Properties	100%	Manufacturers Test Certificates	P	R
	Plate	Coupon Testing UTS and Notch Toughness Test per Heat No.	Material Specification Physical and Chemical Properties	100%	Manufacturers Test Certificates	P	R
During Manufacture	Forging	Semi Finished Fittings	Visual Dimensional Measure	100%	Internal Quality Documents	P	R
	Welding	Forging Dimension and Alignment	Internal Quality Procedure	100%	Internal Quality Documents	P	R
	Machining	Dimension and Finishing	Internal Quality Procedure	100%	Internal Quality Documents	P	R
Heat Treatment	Stress Relieving	Hot/Cold Formed Fittings	Visual	100%	Heat Treatment Charts	P	R
Cleaning, Finishing & Packing	Dimensions Finishing Beveling	Dimensions as per Standard Books	Measurements	100%	Dimensional Report	P	P
Note : P = Performed/Completed R = Review W = Witness 100% Material will be stamped by TPIA/Client			Approved	Approved			
			Client Signature and Seal	Inspection Agency Signature and Seal			

JF	Jindal Forging Pvt Ltd		Name Of Client :		Quality Assurance Plan			
	QAP No. : Date :				Flanges			
Sl. No.	Component and Operation	Characteristics	Type of Check	Extent Of Inspection	Reference/ Standard Norms	Format Of Records	Agency	
							JF	TPI/ Client
1	Raw Material	Visual Appearences Chemical & Physical Properties	Visual Chemical Physical	100%	ASTM A 105	Test Certificates (T.C.)	P	R
2	Forgings	Visual Appearences Physical Properties	Visual Physical	One Piece/Heat	ASTM A 105	Internal Test Reports	P	R
3	Machining and Final Inspection	Dimensions Marking Stamping	Visual Dimensional	100%	ANSI B16.5 Ansi B16.47 AWWA 207	Work's Inspection Certificates Dimensional Reports	p	w
4	Documents	Chemical & Physical T.C. Guarantee Certificate Heat Treatment Charts Dimension Reports	Visual	100%	Chemical and Physical T.C. Guarantee Certificate	Internal Test Reports	P	R
5	Documents	Ultrasonic Testing	Visual	100%	Test Certificates and P.O. Specifications	Internal Test Reports	P	R
6	Finishing & Packing	Varnish, Jute Bags	Visual	100%				
Note : P = Performed/Completed R = Review W = Witness 100% Material will be stamped by TPIA/Client			Approved			Approved		
			Client Signature and Seal			Inspection Agency Signature and Seal		