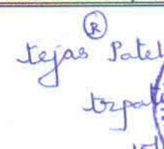




# TEST CERTIFICATE

FROM:- SCODA TUBES LTD  
TO :- MAZDA LIMITED  
ACCORDING:- AS PER STANDARD.  
FORMAT NO :- F/QA-07-RD

FORMAT		TEST CERTIFICATE										FROM:- SCODA TUBES LTD	
RECI		QA NO & DATE 07/2011-12 DATE :-08/04/2011					T.C. NO & DATE QA-07-191 DATE:-15/04/2011					TO :- MAZDA LIMITED	
PRODUCT		CUSTOMER MAZDA LIMITED.					INSPECTION BY ABSIV					ACCORDING:- AS PER STANDARD.	
CHEMICAL ANALYSIS		PO NO & DATE H/VO-10-7581/**23/11-12 DATE:-05/04/2011					ITP NO. 07/2011-12 DT :08/04/2011					FORMAT NO :- F/QA-07-RD	
MECHANICAL TEST		PRODUCT STAINLESS STEEL WELDED, SOLUTION ANNEALED, CONFORMING TO SPECIFICATION ASME SA-249 SEC-II PART A EDITION 2007											
PO. ITEM NO	TYPE	GRADE	SPEC.	HEAT NO	SIZE			PO. QTY (Nos.)	DESP. QTY (Nos.)	QTY. (In Mtr)	STATUS		
					OD	THK	LENGTH [MM]						
1	WELDED	TP-304	SA-249	CB209208900	3/4"	20 BWG	3205	92	92	294.90	COMP		
2	WELDED	TP-304	SA-249	CB209208900	3/4"	20 BWG	805	92	92	74.10	COMP		
HEAT NO	CHEMISTRY	C %	Si %	Mn %	P %	S %	Ni %	Cr %	Mo %	N	Ti		
	REQUIRED	0.080	1.000	2.000	0.045	0.030	8 TO 11	18 TO 20	N.A.	N.A.	N.A.		
CB209208900	H	0.043	0.370	1.060	0.043	0.005	8.090	18.300	.....	.....	.....		
	P	0.041	0.360	1.040	0.042	0.003	8.110	18.290	.....	.....	.....		
TENSILE TEST	Y.S.	U.T.S	ELONGATION %		HARDNESS	FLARE TEST	FLATTENING TEST	FLANGE TEST	R.BEND TEST	HYDRO TEST			
	(Mpa)	( Mpa )	(G.L: 50 mm)		TEST(HRB)					PRESSURE (1000 PSI <sub>g</sub> )			
REQUIRED	205	515	35%		90	N.A.	OK	OK	OK	OK			
CB209208900	344.87	681.72	70%		64 to 66								
	312.25	687.74	68%										
REMARKS	1. Heat Treatment :- Solution Annealed at Temperature above 1040 C.												
	2. 100% Hydro Test Carried out by Scoda & 10% WITNESS BY ABSIV :- Found Satisfactory												
	3. Mechanical Test Conducted by Scoda & WITNESS BY ABSIV :- Found within limit												
	4. Product analysis Result Reviewed by ABSIV :- Found within limit												
	5. 100% VDI Checked by Scoda & 10% WITNESS BY ABSIV:- Found Satisfactory.												
	6. Marking on Products "Scoda Tubes / SIZE SPEC GRADE HEAT NO												
	7. 10% Witness qty double stamped as " and balance qty single stamped.												
ABBREVIATION: H - Heat Analysis, P - Product Test, RL- Random Length, N.A.- Not Applicable, VDI- Visual & Dimensional Inspection													
APPROVED BY	  												
ABSIV	[QA/QC]												

WE HEREBY CERTIFY THAT THE MATERIAL IS AS PER SIZE & SPECIFICATION MENTIONED IN ORDER