

Client					Contract No.	A20110301				
Product	SEAMLESS STAINLESS STEEL PIPE				Grade	TP316/316L				
Specification	ASTM/ASME A/SA 312				Size	6" X SCH10S				
Supply Condition	Heat No.	Batch No.	Surface Finish	Dimensional Check	Total Quantity	Total Length	Total Net We			
Annealed And Pickled	YD11-307	A110504-2	Satisfactory	Satisfactory	10PCS	60.96M	852KGS			
Heat Treatment Detail	Chemical Composition ( % )									
1010°C-1150°C	C	Mn	P	S	Si	Cr	Ni	Mo	Ti	
	0.018	0.79	0.041	0.003	0.477	16.7	11.05	2.05		
Mechanical Properties										
Testing Item	Tensile Strength Mpa	Yield Strength Mpa	Elongation %	Flattening Test	Flaring Test	Hardness HRB				
Requirement	≥515	≥205	Longi. ≥35	ASTM A999	ASTM A999	≤90				
Testing Data	615	270	58	Satisfactory	/	74	76			
Grain Size	Intergranular Corrosion Test	Eddy-current Testing	Ultrasonic Test	Hydrostatic Test						
ASTM E112	ASTM A 262 Practice E	ASTM E426	ASTM E213	Mpa	Hold Time					
N/A	Satisfactory	N/A	Satisfactory	/						
Remarks:						Inspector:				
1. Mercury free NACE MR01.75										
2. No weld repair performed for billet and pipe										
3. 100% PMI										
4. TUV Certificate No.01 202 CH/Q-07 0275										
5. The material was heated to above 1010°C-1150°C, hold more than 2 minutes per millimeter and quenched in cold water.										
We hereby certify that the products were manufactured and tested strictly according to the specifications and customer's purchase order.						Issuing date:				