

Packing List 3717-1 (4/8/2015) Image 3308 (4/8/2015)

Our Order 272412-2-1 Your Order 339



YANGZHOU LONTRIN STEEL TUBE CO.,LTD MILL TEST CERTIFICATE (EN 10204:2004-3.1)

CUSTOMER : AMERICAN PIPING PRODUCTS, INC

Product Delivery Condition: NORMALIZED

ISO. REGISTRATION NO: 44 100 072544

PRODUCT: SEAMLESS STEEL PIPE

Steel Making Process: FULLY KILLED

CONTRACT NO: P12124

SPEC: ASTM/ASME A/SA333-GR.6 ASTM/ASME A/SA53-B A/SA106-B/C (2010)API 5L-B/X42 PSL2 (44th) NACEMR0175 NACE MR0103

CERTIFICATE No: 08290-1-01

TOTAL:		50 BUNDLES	50 PIECES	468592.14 LB	2070.4396 FT	PACKING IN BUNDLES												
NO.	HEAT NO.	BATCH NO.	STEEL GRADE	SIZE	PCS	WEIGHT LB	CHEMICAL COMPOSITION (L:Ladle Analysis&P:Product Analysis)%											
							C	Si	Mn	P	S	Cr	Ni	Cu	Mo	V	Ti	Nb
1	E11204125QX	12086B020	SA333-GR.6	18"X0.938"XMin38FT	29	207472.7	0.19	0.24	1.27	0.012	0.004	0.05	0.03	0.05	0.010	0.004	0.003	0.001
							0.20	0.24	1.32	0.016	0.002	0.05	0.02	0.04	0.001	0.001	0.004	0.001
2	E11204126QX	12086B021	SA333-GR.6	18"X0.938"XMin38FT	10	71232.831	0.21	0.24	1.30	0.013	0.004	0.04	0.02	0.04	0.010	0.004	0.004	0.001
							0.22	0.24	1.33	0.013	0.003	0.03	0.01	0.03	0.001	0.001	0.004	0.001
3	E11203068QX	12086B008	SA333-GR.6	24"X1.812"XMin38FT	11	189886.61	0.21	0.20	1.26	0.013	0.004	0.08	0.03	0.04	0.030	0.040	0.003	0.001
							0.18	0.18	1.26	0.010	0.003	0.08	0.03	0.02	0.020	0.006	0.003	0.001

NO.	MECHANICAL PROPERTIES					NONDESTRUCTIVE TEST			NONDESTRUCTIVE TEST acc. ASTM E 213			SURFACE QUALITY		DIMENSION TOLERANCE	
	ReL (MPa) YIELD STRENGTH	Rm (MPa) TENSILE STRENGTH	ELONGATION A%	HARDNESS HRC	IMPACT TEST 10*10*55mm L, -45°C CVN	FLATTENING TEST	FLARING TEST	PMI	H.T	ET	UT	IN	OUT	O.D.	W.T.
1	380/400	540/570	33/33.5	78.5/78	122 144 142	Satisfactory	—	—	Satisfactory	—	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
2	430/435	630/615	31/28	85/82	34 49 29	Satisfactory	—	—	Satisfactory	—	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
3	455/445	635/560	31/34	83/84	206 221 213	Satisfactory	—	—	Satisfactory	—	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory

REMARKS

- We hereby certify that the materials described herein have been manufactured, inspected and tested in accordance with the customer's specification(s), and that they satisfy the requirements.
- TENSILE SPECIMEN ROUND BAR ϕ 12.5 TRANSVERSE DIRECTION, IMPACT TEST SPECIMEN AT -45°C, 10X10X55MM, LONGITUDINAL.
- H.T: Pressure:21MPa ,Holding time \geq 15 s
- No Weld Repair on the pipe and material produced with Mercury Free ; Surface of pipe suitable for FBE Coating

ADDRESS: XINGGANG ROAD, DAQIAO TOWN, JIANGDU CITY, JIANGSU PROVINCE, CHINA, Tel:86-0514-86430111 Fax:0514-86430333

MANAGING REPRESENTATIVE:

Xiao Dong Yuan

STAMPER:



DATE: September.28,2012