

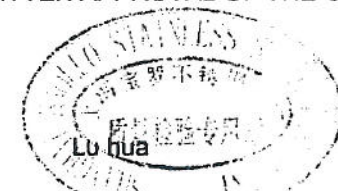
certificaat voor jullie order: 3500036706
3500036742

SHANGHAI BAOLUO STAINLESS STEEL TUBE PLANT

EN10204 3.1 CERTIFICATE

CUSTOMER: ARCUS NEDERLAND B.V.										CERT. NO.: YS100330-3								
P. O. NO.: IOK00107RH										DELIVERY CONDITION: CF8								
SPECIFICATION: EN10216-5 TC1 EN ISO 1127 D4/T3										MELTING PROCESSE: A. F. A.O.D. HOT ROLLED(BILLET)								
STEEL GRADE: 1.4401/1.4404																		
DESCRIPTION: STAINLESS STEEL SEAMLESS TUBE																		
CHEMICAL COMPOSITION(wt. %)																		
Heat No.	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	N	Ti	AL	W	V	B	Co		
Spec.	Min.					10.0	16.5	2.0										
	Max.	0.03	2.0	0.040	0.015	1.0	13.0	18.5	2.5		0.11							
Y91256C	0.02	1.07	0.035	0.002	0.4	10.04	16.76	2.04		0.042								
Lot No.	SIZE			QUANTITY			TENSILE PROPERTIES				Hardness HRB	Flattening Test	Flaring Test	Grain Size	Hydrostatic Test	I.C. Test	Nodestructive Examination	
	O.D	W.T	ENGTH	PCS	ft	m	Y.S.psi(MPa)	Y.S.psi(MPa)	T.S.psi(MPa)	EL.							MAX.80	OK
	mm	mm	m				0.2%Min.2	1.0% Min240	510-710	Min.40%								
Y91256C-10	18	1.5	6	354		2124	270	295	555	55	74	OK	OK		OK	OK	OK	
Y91256C-11	18	2	6	126		756	290	320	585	57.5	76	OK	OK		OK	OK	OK	
* Y91256C-12	20	2	6	346		2076	320	350	580	55	76	OK	OK		OK	OK	OK	
REMARK:										1 WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT.								
CERTIFY TO EN10216-5 TC1 EN ISO 1127 D4/T3										2 THE CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.								
ELONGATION IN 50MM LONGITUDINAL																		
IC ASTM A-262 PRACTICE E,NACE MR0175-MR0103																		
PMI TEST:100% GOOD																		
HEAT TREATMENT: 1050 FOR 5MIN. (W. Q.)																		
MATERIAL FREE FROM MERCURY AND RADIATION CONTAMINATION																		
NO WELD REPAIR WAS PERFORMED																		
MEASUREMENTS & SURFACE: GOOD																		
100% EDDY CURRENT TEST AS PER ASTM E426																		
100%HYDROSTATIC TEST AS PER A1016/A1016M																		
Marking:BAOLUO SMLS A/SA 213AW/269 & EN 10216-5 EN ISO1127																		
D4/T3 1.4401-316/1.4404-316L XXMM*XXMM*6000MM Heat No.Y91256C																		
Cert. To EN 10204 3. 1,IN ACCORDANCE WITH PED ANNEX 1,PARAGRAPH 4.3																		

Lu hua
REVIEW



QUALITY TECHNOLOGY DIRECTOR
MAR.30,2010 SHANGHAI,CHINA