

**MILL TEST CERTIFICATE(ISO 9001: 2000 CERTIFIED)**

CUSTOMER: INOXI USA CORP	CERT. NO.: ECJR11FA52-5
P. O. NO.: ECJR11FA52	LC NO.:
SPECIFICATION: ASTM A312	DELIVERY CONDITION: COLD DRAWN, ANNEALED, PICKLED, PASSIVATED, PLAIN END
STEEL GRADE: TP304L	APPEARANCE: SOLUTION, ANNEALED
DESCRIPTION: STAINLESS STEEL SEAMLESS PIPES	MELTING PROCESS: E. A. F. A.O.D. HOT ROLLED(BILLET)

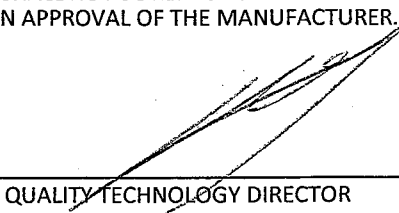
CHEMICAL COMPOSITION(wt. %)																			
Heat No.	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	N	Ti	AL	W	V	B	Co			
Spec.	Min.					8	18												
	Max.	0.035	2	0.045	0.03	1	13	20											
NO-3068	0.022	1.33	0.033	0.002	0.43	8.08	18.11												
NH11-5292	0.015	1.03	0.027	0.002	0.39	8.05	18.15												
1012-117	0.022	1.26	0.03	0.005	0.37	8.08	18.11												
SIZE			LB/SCH	PCS	QUANTITY			TENSILE PROPERTIES			Hardness		Flattening Test	Flaring Test	Grain Size	Hydrostatic Test	I.C. Test	Nodestructive Examination	
O.D.	W.T.	LENGTH			ft	m	KGs.NW	Y.S.psi(Mpa)	T.S.psi(Mpa)	EL.	HRB	Max.						90	E.T.
(")/(mm)	(")/(mm)	(M)					0.2%Min.170	Min.485	Min. 35%										
1/2"	2.77	6.1	80	19		115.9	275	610	43		75		OK	OK					OK
1 1/2"	5.08	6.1	80	7		42.7	280	605	44		63		OK	OK					OK
2"	5.54	6.1	80	10		61	260	595	45		77		OK	OK					OK

REMARKS:

VISUAL/DIMENSION INSPECTION ACC TO ASTM A999:OK  
 CERTIFY TO ASTM/ASME A/SA-312-01a  
 Cert. To EN 10204 3. 1  
 NACE MR-0175  
 SOLUTION TREATMENT CONDITIONS: 1900°F/1040°C WATER QUENCHED  
 MATERIAL FREE FROM MERCURY AND RADIATION CONTAMINATION  
 NO WELD REPAIRS WAS PERFORMED  
 MEASUREMENTS & SURFACE: GOOD  
 EDDY CURRENT TEST AS PER ASTM E426,PMI 100% TEST

1.WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN MANUFACTURED EXAMINATED COMPLETELY IN ACCORDANCE TO ALL REQUIREMENTS OF PURCHASE ORDER, TEST RESULTS ARE ACCEPTED TESTED AND TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT.

2. THE CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL WITH THE WRITTEN APPROVAL OF THE MANUFACTURER.



QUALITY TECHNOLOGY DIRECTOR