MILL TEST CERTIFICATE(ISO 9001: 2000 CERTTIFIED)

CUSTOMER:

INOXI USA CORP

CERT. NO.:

ECJJR11FA52-5

P. O. NO.:

ECJJR11FA52

LC NO.:

DELIVERY CONDITION: COLD DRAWN, ANNEALED, PICKLED, PASSIVATED, PLAIN END

STEEL GRADE: TP304L

SPECIFICATION: ASTM A312

APPEARANCE:

SOLUTION, ANNEALED

DESCRIPTION: STAINLESS STEEL SEAMLESS PIPES

MELTING PROCESS:

E. A. F. A.O.D. HOT ROLLED(BILLET)

							191		CHE	MICAL	COMPOS	TION(wt. 9	6)								
Heat No.		С	Mn	Р	Р		S Si		Cr Mo		Cu	N	Ti AL		l w l		VIF		В (Со
Spec.	Min.							8	18	48											
spec.	Max.	0.035	2	0.045	0.03		1	13	20											 	
NH11-4210		0.022	1.33	0.033	0.	002	0.43	8.08	18.11		11 11										
3068		0.015	1.03	0.027	0.	002	0.39	8.05	18.15						7.5						
B0617		0.022	1.26	0.03	0.0	005	0.37	8.08	18.11							_					
	SIZ			LB/SCH	PCS		QUANTITY		TENSILE F		PROPERTIES		Hardness	Flottoning	Cl:	C	T		I.C.	Nodes	tructiv
O.D.		W.T. LENGTH		LD/3CH	FCS		QUANT	111	Y.S.psi(Mpa)		T.S.psi(Mpa) EL.		HRB	Flattening			25	Hydrostatic		Fxam	ination
(")/(mm))/(mm) (")/(m		(M)			ft	m KGs.NW		0.2%M	in.170	Min.485	Min. 35%	Max. 90	Test	Test	Size	e Test		Test	E.T. U.T.	
1"	4.55	5	6.1	80	19		115.9		27	75	610	43	75	ОК	ОК				***************************************	OK	
1 1/2"	5.08	3	6.1 80 7 42.7 280		30	605	44	63	OK	ОК		†			ОК						
2"	5.54	1	6.1	80	10		61		26	0	595	45	77	ОК	ОК		†			ОК	

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 REPAIRE 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 MANUFACTUREED 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 FECHNOLOGY DIRECTOR