

## CERTIFICATE OF TESTING IPSCO TUBULARS (KY) INC

Page

Certificate 320894-2 Number:

Wednesday, January 03, 2018, 8:45:14 AM

Diameter 12.75 in Cope: 0.375 in

-	API SL, FORTY F NACE MR0175 H	ARDNES	S DILY,	22 HRC	MIXATA	LIM	Amenda e	IRC GL	OBAL (	us) (No	2.	der ka; D					143(1	762801	30
Heat	Product	Tesl Type Wgt (%) C   Mn			-	Orientation			Width (in) YS (osh			- Control of the last of the l		1,000					
					P S Si Cu					YS (psi)		TS (psi)		Etong%(2 in)		YAT			
ABG333					1		1 3	[ 61	Cu	NI NI	Cr	Mo	Sn	AI	V	Cb	Ti	B	,
			Host.	0.07	0.84	0.011	0.004			1					-		****	-	PCI
	WL-Y14	503	Product	0.05	1 11 12 1	10044	I A GRA						0.006	0.028	0.001	0.015	0 002	In anal	7 - 4
	WL-Y14	\$03B	Product	0.05	0.81	0.010	10.003	1.0.31	6.41	0,04	0.06	0.015	0.005	0,024	0.002	0.014	0.003	10.0001	0.13
A86334	WL-Y14	505	MILL CO	NTRO	1	PIPE	TD4	9.21	0.11	0.04	0.06	0.016	0.005	0.025	0.003	П 043	0,003	10,0004	0.11
	WL-Y14	505W	MILL CO	NTRO	Ē	PIPE	TOTAL					59	900	70	200	1	2.0		
			Hear			0.040	0.002			1-2	.510			738		72		į Đ,	.85
	WL-Y14	505	Product	0.03	BRT	0.000	10000			0.04	0.05		0.004	0.025	0.001	0.014	0.002	0.0001	-
	WE-Y14	505B	Product	0.03	0.84	0.000	0.002	0.22	0.11	0.05	0.05	0.017	0.004	0.032	0.002	A hoo		!	
485335	WL-Y14	495	MILL CO	NYRO		PIPE	TDA	0.22	0.11			0.017	0.004	0.027	0.002	0.010	0.005	O COCCE	0,09
	WL-Y14	495W	MILL CO	NTRO		PIPE				F 200	518	369	00	694	00	43	0.002		
			Heals	0.06		B 010	0.002	0.24			521			730	na	3550	800	2	82
	WL-Y14	495	Product	0.04	0.84	0.000	0.000	4.00	0.10	0.04	0.05	0.020	0.005	0.025	0.001	0.014	0.003	a coord	0.40
	WL-Y14	495B;	Product	0.04	0.84	O tree:	0.002	1424	0.10	0.04	0.05			11.21.74	FLORID !	0.0401			100000000000000000000000000000000000000
486335	WL-Y14	506]	MILL CO	NTROL		PIPE	100	0.23	0.10	0.04	0.05	0.014 :	0.004	0.024	0.002	0.014	0.003	0.00043	0.10
	VIL-Y14	506W	MILL CO	NTROL		PIPE 1			- 1			642	00	734	00	43.	0.000 /		
	E 000 1 PEN 1		Heat				0.002	0.23	- :	-	512			767		-10,	٠ ١	Ð.8	11
	WL-Yfd	506	Product:	0.04			0.001		20.0	0.04		0.020	0.006	0.028	0.001	0.018	0.003	0.0002	
	WL-Y14	5068,	Product		0.24	0.008	0.001	V.KZ_1	0.10	0.04	0.06	0.019	V.UU4	U.1176 :	0.007 .	n had a l	a a4 - 1		
86337	WL-Y14	496;	ALL CO	VIROL		PIPE 7	DA.	V.ZZ ;	0.70			0.019	0.004	0.025	0.002	0.014	o oos i	0.0000	<u>_v,1</u> ,0_
	WL-Y(4.	496VV	MLL COL	TROL		PIPE 1				1.5		5861	30	7040	00	43.0	0.004 (		
		Г	Heat (	3 AG.C	0.85	0.009	D acal	0.23	0.09 1	0.04		0.020 [		7380	00 1		1	8.0	

Steel Supplier: Nucor Gallatin - 4831 US Highway 42W RR 1, Box 320 Chent, KY 41045

TPA - Transverse Paper Ada 180° of Weld

HANDSINE TAN PRESSURE, 2770 PSI for 5 sees. Common West Secretical Treasured Yearperature 1600(F) Facining fee Acceptable

L'A-Long adin a Pipe Aid PO WWW

TWA- Transverse Well Asia FST - Full Section Totting FBM - Full Body Committees

OLY . Due not bed and Tempered

BR - SKESI RESERTS John CRTR3001

Peter and Manufactured in the USA Usesseric Vield Line Inspection Acceptable Deenyllisten Pakasee Alumburn Feby Kiled Marinem at Mobile PCA1025

or call to this following to TYPE HTY

We consysted the product describes above has been manufactured, samples, impleted, and lesion in accordance to the referenced specification. The product has been found to be in completion with adject instruction

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this Bemield OA Coardinator

Wednesd January CJ. 2013; \$ 45.42 AM