



江苏玉龙钢管股份有限公司
JIANGSU YULONG STEEL PIPE CO LTD

YUQI, WUXI, 214183 JIANGSU CHINA

MILLS TEST CERTIFICATE

COPY

TO: COUTINHO + FERROSTAAL INCORPORATED
16510 NORTHCHASE DR
USA HOUSTON TX 77060

P.O.NO: 1040230200
DESTINATION: TAMPICO,MEXICO
L/C NO: ESEIA401970021
COMMODITY: PRIME NEWLY PRODUCED NEW STEEL PIPE

SPECIFICATION: API 5L GR.B PSL 1/ASTM A53 GR.B
PRODUCTION: OCT/NOV,2009
ISSUE DATE: NOV 20,2009
NO: YL-662-MTC-FS

ITEM	SIZE			QUANTITY			NET WEIGHT (M.T.)	HEAT NO.	CHEMICAL COMPOSITION								MECHANICAL PROPERTIES				ULTRA SONIC TEST	HYDRO TEST PSI	FLATTENING TEST ACCEPT	REMARK LIFT NO.
	NPS IN	W.T. IN	L M	PCS	BUNDLES	METERS			C	Si	Mn	P	S	Nb	V	Ti	TENSILE Mpa	YIELD Mpa	ELONG- ATION (%)	TENSILE STRENGTH				
																				WTS				
YL662-1	8"	0.250	12.2	402	134	4904.4	163.366	09S5-04803	15	14	33	16	9	1	2	1	400	495	34	515	ACCEPT	1220	ACCEPT	1-134
YL662-2	8"	0.312	12.2	120	40	1464.0	60.375	09S6-06947	16	17	30	10	10	1	2	1	365	485	36	465	ACCEPT	1520	ACCEPT	1-40
YL662-3	8"	0.322	12.2	174	58	2122.8	90.325	09S6-06947	16	17	30	10	10	1	2	1	365	485	36	465	ACCEPT	1570	ACCEPT	1-58
YL662-4	8"	0.375	12.2	51	17	622.2	30.612	09S7-07306	16	17	29	11	16	1	2	1	395	475	40	510	ACCEPT	1830	ACCEPT	1-17
YL662-5	8"	0.500	12.2	78	26	951.6	61.511	98-09904	12	21	38	17	10	1	2	2	385	485	32	480	ACCEPT	2430	ACCEPT	1-26
YL662-6	10"	0.250	12.2	420	140	5124.0	213.927	9110325	14	13	36	15	14	1	2	1	355	465	34	490	ACCEPT	980	ACCEPT	1-140
YL662-7	10"	0.312	12.2	96	32	1171.2	60.692	95-09996	15	19	48	14	16	1	1	2	355	450	32	575	ACCEPT	1200	ACCEPT	1-32
YL662-8	10"	0.365	12.2	123	123	1500.6	90.471	97-10575	16	15	37	14	8	1	2	1	385	470	42	510	ACCEPT	1430	ACCEPT	1-123
YL662-9	10"	0.375	12.2	80	80	976.0	60.424	9110426	13	16	48	15	16	1	2	1	375	455	38	470	ACCEPT	1710	ACCEPT	1-80
YL662-10	10"	0.500	12.2	31	31	378.2	30.831	9110527	15	18	32	27	25	2	2	2	340	450	31	455	ACCEPT	1950	ACCEPT	1-31
YL662-11	12"	0.250	12.2	170	170	3794.2	188.610	09S6-07002	17	17	35	16	12	1	3	2	345	465	32	480	ACCEPT	820	ACCEPT	1-170
	12"	0.250	12.2	141	141			09S6-08483	15	19	36	12	11	1	4	2	365	495	34	520	ACCEPT	820	ACCEPT	1-141
YL662-12	12"	0.312	12.2	78	78	951.6	58.761	09S7-07097	14	19	42	24	18	2	2	2	350	445	32	465	ACCEPT	1030	ACCEPT	1-78
YL662-13	12"	0.375	12.2	31	31	378.2	27.926	09S6-07007	17	15	32	13	11	1	2	1	360	490	40	495	ACCEPT	1240	ACCEPT	1-31
YL662-14	12"	0.406	12.2	93	93	1134.6	90.428	09S7-07100	17	14	29	11	16	1	1	1	355	480	36	515	ACCEPT	1340	ACCEPT	1-93
YL662-15	12"	0.500	12.2	28	28	341.6	33.282	133250	15	16	50	12	5	2	4	1	355	470	39	495	ACCEPT	1650	ACCEPT	1-28
YL662-16	14"	0.250	12.2	176	176	2147.2	117.43	97-09229	17	13	40	18	9	1	2	1	300	425	32	430	ACCEPT	750	ACCEPT	1-176
YL662-17	14"	0.312	12.2	80	80	976.0	66.27	96-09149	15	15	40	13	13	1	2	1	360	470	34	475	ACCEPT	940	ACCEPT	1-80
YL662-18	14"	0.375	12.2	25	25	305.0	24.781	95-08749	16	13	37	17	10	1	2	1	355	465	38	500	ACCEPT	1130	ACCEPT	1-25
YL662-19	14"	0.438	12.2	85	85	1037.0	98.048	96-08758	15	13	37	18	11	1	2	1	355	460	32	505	ACCEPT	1310	ACCEPT	1-85
YL662-20	14"	0.500	12.2	25	25	305.0	32.754	09S5-04408	14	18	31	12	17	1	2	1	340	465	34	475	ACCEPT	1500	ACCEPT	1-25
YL662-21	16"	0.250	12.2	158	158	1927.6	120.745	96-20609	14	17	39	12	8	1	3	3	325	470	32	505	ACCEPT	660	ACCEPT	1-158
YL662-22	16"	0.312	12.2	67	67	817.4	63.618	97-10086	14	17	38	16	10	1	2	3	355	465	29	505	ACCEPT	820	ACCEPT	1-67
YL662-23	16"	0.375	12.2	28	28	341.6	31.827	98-09825	15	16	39	11	6	1	4	3	355	440	34	450	ACCEPT	980	ACCEPT	1-28
YL662-24	16"	0.500	12.2	20	20	244.0	30.085	95-09611	13	18	37	14	10	1	3	3	355	460	31	470	ACCEPT	1310	ACCEPT	1-20
YL662-25	18"	0.250	12.2	121	121	1476.2	104.22	91-49153	12	15	35	27	10	1	2	1	325	455	32	510	ACCEPT	580	ACCEPT	1-121
YL662-26	18"	0.562	12.2	55	55	671.0	104.589	L907971	15	15	35	6	13	1	2	1	355	465	36	510	ACCEPT	1310	ACCEPT	1-55
TOTAL:				2,956	2,062	34,063.2	2,055.908																	

WE HEREBY CERTIFY THAT THE PRODUCTS HEREIN HAVE BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIRMENTS CALLED FOR THE ORDER.
IT'S ISSUED TO EN 10204.3.1.B.

CONTROL DE CALIDAD

SIGNATURE

Authorized signature

MANAGER, QUALITY CONTROL DEPT

FECHA

12 May 2010
E408

FIRMA

E. RUIZ