YL 江苏玉龙钢管有限公司

JIANGSU YULONG STEEL PIPE CO.,LTD

YUQI,WUXI,JIANGSU 214183,CHINA

ORIGINAL

MILL'S CERTIFICATE

OF QUALITY

P.O.NO: 511-2814

COMMODITY: NEWLY PRODUCED ERW STEEL BLACK COLD FORMED SQUARE AND RECTANGULAR HOLLOW SECTIONS ACC. TO ASTM A500 GRADE B, PLAIN SQUARE CUT ENDS, LIGHT OIL.

SPECIFICATION: ASTM A500 GRADE B/CSA G40.21 50W(350W)
PRODUCTION: AUGUST,2006
ISSUING DATE: SEP 01,2006
CERTIFICATE NUMBER: YL-99MTC

ITEM	SIZE / DIMENSIONS			QUANTITY			THEORETICAL		HEAT	ACTUAL CHEMICAL COMPOSITION										MECHANICAL PROPERTIES			VISUAL & DIMEN-SION	SQUARE-NESS	STRAIG-HTNESS	REMARK
	SIDE LENGTH IN	L. FT	W.T. IN	PCS	BUNDLES	FEET	WEIGHT (MT)	WEIGHT (LBS)	NO.	C	Si	Mn	S	P	Cu	Ni	Cr	Mo	V	TENSILE	YIELD	ELONG -ATION 5(%)		(degree)	MM	LIFT NO.
										x100			x1000							Mpa						
YL-100-01-01	6 X 6	40	0.188	336	56	13,440	88.580	195283.2	2301210	13	18	44	16	20	6	22	36	3	2	450	330	32	ACCEPT	90	ACCEPT	1~56
YL-100-01-02	6 X 6	40	0.250	270	45	10,800	93.777	205416.0	4322350	12	19	46	12	18	6	23	37	3	2	440	320	34	ACCEPT	90	ACCEPT	1~45
YL-100-01-03	6 X 6	40	0.313	288	48	11,520	121.963	268876.8	6423510	15	20	41	19	21	6	24	35	3	2	455	340	30	ACCEPT	90	ACCEPT	1~48
YL-100-01-04	6 X 6	40	0.375	240	40	9,600	119.663	263808.0	8632150	14	20	49	12	13	6	24	36	3	2	460	335	29	ACCEPT	90	ACCEPT	1~40
YL-100-02-01	8 X 4	40	0.188	228	38	9,120	60.108	132513.6	2301210	13	18	44	16	20	6	22	36	3	2	450	330	32	ACCEPT	90	ACCEPT	1~38
YL-100-02-02	8 X 4	40	0.250	174	29	6,960	60.047	132379.2	4322350	12	19	46	12	18	6	23	35	3	2	440	320	34	ACCEPT	90	ACCEPT	1~29
YL-100-02-03	8 X 4	40	0.375	180	30	7,200	89.747	197856.0	8632150	14	20	49	12	13	6	23	37	3	2	460	335	29	ACCEPT	90	ACCEPT	1~30
YL-100-03-01	8 X 6	40	0.313	114	19	4,560	57.068	125810.4	6423520	12	19	40	19	21	6	23	37	3	2	435	325	31	ACCEPT	90	ACCEPT	1~19
YL-100-03-02	8 X 6	40	0.375	102	17	4,080	60.295	132926.4	8632140	16	20	39	16	17	6	24	35	3	2	440	320	28	ACCEPT	90	ACCEPT	1~17
YL-100-04-01	8 X 8	40	0.250	320	80	12,800	149.913	330496.0	4322370	14	19	42	12	18	6	23	35	3	2	445	335	34	ACCEPT	90	ACCEPT	1~80
YL-100-04-02	8 X 8	40	0.313	260	65	10,400	150.203	331136.0	6423550	15	17	48	20	22	6	22	36	3	2	455	330	31	ACCEPT	90	ACCEPT	1~65
YL-100-04-03	8 X 8	40	0.375	220	55	8,800	150.446	331672.0	8632170	13	17	41	19	15	6	23	37	3	2	430	320	29	ACCEPT	90	ACCEPT	1~55
YL-100-04-04	8 X 8	40	0.500	152	38	6,080	134.585	296704.0	9325460	13	19	38	14	22	6	24	35	3	2	435	325	32	ACCEPT	90	ACCEPT	1~38
YL-100-05-01	10 X 6	40	0.313	104	26	4,160	60.081	132454.4	6423550	15	17	48	20	22	6	23	35	3	2	455	330	31	ACCEPT	90	ACCEPT	1~26
YL-100-05-02	10 X 6	40	0.375	88	22	3,520	60.179	132668.8	8632170	13	17	41	19	15	6	24	35	3	2	430	320	29	ACCEPT	90	ACCEPT	1~22
YL-100-05-03	10 X 6	40	0.500	68	17	2,720	60.209	132736.0	9325460	13	19	38	14	22	6	22	36	3	2	435	325	32	ACCEPT	90	ACCEPT	1~17
YL-100-06-01	10 X 8	40	0.375	116	29	4,640	90.060	198545.6	8632190	12	21	44	17	16	6	24	35	3	2	450	340	33	ACCEPT	90	ACCEPT	1~29
YL-100-06-02	10 X 8	40	0.500	92	23	3,680	92.810	204608.0	9325410	13	20	40	11	13	6	24	36	3	2	420	320	30	ACCEPT	90	ACCEPT	1~23
YL-100-07-01	12 X 6	40	0.375	128	32	5,120	99.377	219084.8	8632190	12	21	44	17	16	6	22	36	3	2	450	340	33	ACCEPT	90	ACCEPT	1~32
YL-100-08-01	10 X 10	40	0.188	128	64	5,120	57.527	126822.4	2301240	15	18	47	21	23	6	24	35	3	2	445	335	29	ACCEPT	90	ACCEPT	1~64
YL-100-08-02	10 X 10	40	0.250	204	102	8,160	120.776	266260.8	4322380	13	17	42	15	18	6	24	36	3	2	445	325	31	ACCEPT	90	ACCEPT	1~102
YL-100-08-03	10 X 10	40	0.313	164	82	6,560	120.066	264696.0	6423570	14	17	40	13	21	6	24	37	3	2	430	330	34	ACCEPT	90	ACCEPT	1~82
YL-100-08-04	10 X 10	40	0.375	140	70	5,600	121.674	268240.0	8632110	14	18	49	17	15	6	22	36	3	2	440	320	30	ACCEPT	90	ACCEPT	1~70
YL-100-08-05	10 X 10	40	0.500	106	53	4,240	120.127	264830.4	9325440	12	20	39	12	16	6	23	37	3	2	425	320	28	ACCEPT	90	ACCEPT	1~53
YL-100-09-01	12 X 8	40	0.375	104	52	4,160	90.386	199264.0	8632110	14	18	49	17	15	6	23	37	3	2	440	320	30	ACCEPT	90	ACCEPT	1~52
YL-100-09-02	12 X 8	40	0.500	78	39	3,120	88.395	194875.2	9325440	12	20	39	12	16	6	22	36	3	2	425	320	28	ACCEPT	90	ACCEPT	1~39
YL-100-10-01	12 X 12	40	0.313	170	85	6,800	150.893	332656.0	6423530	13	18	45	12	20	6	24	35	3	2	460	345	35	ACCEPT	90	ACCEPT	1~85
YL-100-10-02	12 X 12	40	0.375	142	71	5,680	149.692	330008.0	8632120	15	18	46	20	13	6	24	36	3	2	450	335	32	ACCEPT	90	ACCEPT	1~71
YL-100-10-03	12 X 12	40	0.500	110	55	4,400	151.804	334664.0	9325430	13	19	43	15	21	6	23	35	3	2	435	325	30	ACCEPT	90	ACCEPT	1~55
TOTAL:				4,826	1,382	193,040	2,969.851	6,547,292.0																		

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.

SIGNED ON BEHALF OF
JIANGSU YULONG STEEL PIPE CO.,

MANAGER,QUALITY CONTROL DEPT

Authorized signatur