

8" SCH 100

167912

Contract No.: 07MPM02074  
 L/C NO. N.I.L.C. 02385  
 Name of Customer: LEE SUPPLY  
 ORDER NO.: MSI-4801 P.O. NO.: 167912  
 DESCRIPTION: SEAMLESS CARBON STEEL PIPE  
 TOTAL: 619PIECES, 197BUNDLES, 378.103MT, 21701FT  
 HENGYANG VALVE STEEL TUBE CO., LTD  
 MILL CERTIFICATE  
 Add: 10 Dalixincun, Hengyang City, Hunan, China  
 Tel and Fax: +86 734 8873739 8872942  
 Cable: 6993  
 P.C. 421001  
 Date: JUN-5, 2007  
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NO.	BATCH NO.	HEAT NO.	STEEL GRADE	SIZE	BUNDLES	PIECES	FEET	QUANTITY (MT)	ACTUAL WEIGHT(MT)	CHEMICAL COMPOSITION %										CERTIFICATE NO. 07-1-06-03			
										C	Si	Mn	P	S	Cr	Ni	Mo	Co	Al		Fe	Y	
7	27501305	0732369	BX42	6" #0.432" #40FT	19	94	3760	48.786	N/A														
8	275102403	0732555	BX42	8" #0.322" #21FT	17	83	1743	22.593	N/A														
9	275102405	0732556	BX42	8" #0.322" #40FT	40	120	4800	62.24	N/A														
10	27502515	0732557	BX42	8" #0.500" #40FT	22	66	2640	52.008	N/A														
11	275402511	0732552	BX42	8" #0.594" #40FT	9	27	1080	24.984	N/A														
12	275401806	0732473	BX42	10" #0.365" #21FT	26	78	1638	30.108	N/A														
13	275102002	0730691	BX42	10" #0.365" #40FT	25	75	3000	55.15	N/A														
14	275102016	0732473	BX42	10" #0.500" #40FT	26	51	2040	50.694	N/A														
15	275202008	0732471	BX42	10" #0.594" #40FT	8	15	600	17.55	N/A														
16	275202013	0732478	BX42	10" #0.719" #40FT	5	10	400	13.99	N/A														
NONDESTRUCTIVE TEST										EDDY CURRENT TEST										HYDROSTATIC TEST			
ULTRASONIC TEST										IMPACT													
NO.	CONDITION	YIELD STRENGTH	TENSILE STRENGTH	ELONGATION	AK (J)	HARDNESS	HYDROSTATIC TEST		FLATTEN TEST	BEND TEST													
7	HOT-ROLLED	50025	74675	41	N/A	HB 165.5	3000 PSI	3000 PSI	OK	N/A													
8	HOT-ROLLED	52200	71575	42	N/A	HB 160	2350 PSI	2350 PSI	OK	N/A													
9	HOT-ROLLED	55100	80475	41	N/A	HB 161	2350 PSI	2350 PSI	OK	N/A													
10	HOT-ROLLED	49300	76125	43.5	N/A	HRC 5.5	3000 PSI	3000 PSI	OK	N/A													
11	HOT-ROLLED	50750	79750	29	N/A	HB 164	3000 PSI	3000 PSI	OK	N/A													
12	HOT-ROLLED	53650	81925	30	N/A	HB 158	2420 PSI	2420 PSI	OK	N/A													
13	HOT-ROLLED	49300	79025	35	N/A	HB 157	2420 PSI	2420 PSI	OK	N/A													
14	HOT-ROLLED	50750	75400	33	N/A	HB 151	3000 PSI	3000 PSI	OK	N/A													
15	HOT-ROLLED	50750	76125	36	N/A	HRC 2.5	3000 PSI	3000 PSI	OK	N/A													
16	HOT-ROLLED	52200	79025	29.5	N/A	HB 172.5	3000 PSI	3000 PSI	OK	N/A													

REMARKS: 1. We hereby certify that the material has been manufactured, sampled, tested and inspected in accordance with the required standards.  
 2. Properties compliance to DIN 50049 3.1.3/UNI EN 10204 3.1B.  
 3. BRINELL /Rockwell hardness certified to NACE MR-0175-99.  
 4. SPECIMEN SIZE: (Pipe end, Longitudinal, Gauge Length=2")  
 A. For pipes ≤ 1" full length specimen were used;  
 B. For pipes > 1" longitudinal strip specimen were used; the width of the gauge length portion is 3/4".

QUALITY MANAGER