

江阴市长江钢管有限公司  
JIANGYIN CITY CHANGJIANG STEEL PIPE CO., LTD

产品质量证明书  
MILL TEST CERTIFICATE

江苏省江阴市夏港镇镇澄路373号  
No. 373, Zhongheng Rd. Xiagang Town Jiangyin City

总件数 Total Bundles		38		总支数 Total Pieces		1406		总重量(T) Total Weight		345.416		日期 Date: 2009年07月10日		No: 00039642-8							
收货单位 PURCHASER		COMMERCIAL METALS COMPANY DBA CMC DALLAS TRADING 6500 N. MAGNOLIA BLVD., SUITE 800, IRVING, TX 75039, U.S.A.										销售合同 PURCHASE ORDER NO.		62286							
产品名称 Product		PRIME NEWLY PRODUCED CARBON STEEL SEAMLESS LINE PIPE						技术规格书 Specification ASTM A53B/ASME SA53B/A106B/API 5L B/X42/PSL-1, NACE MR-0175						许可证号 License No.		0503					
规格 Size (D x L, mm)		1-1/2" x 0.145 x 21'				钢级 Grade		B/X42		牌号 Steel Type		交货状态 Delivery Status		COLD-DRAWING (ANNEAL)							
序号 NO.	炉号 Heat No.	批号 Batch No.	件数 BDL	支数 PCS	长度 FEET	重量 (t) WT	拉伸试验 Tensile Test					冲击试验 Impact Test				硬度试验 Hardness Value					
							尺寸 / Dimension (mm)	标距长度 Gauge Length (mm)	屈服强度 Y.S PSI	抗拉强度 T.S PSI	伸长率 E.L (%)	冲击值 (J) Impact Value		硬度值 // Hardness Value (HRC)							
												横向冲击 Ak Transverse	纵向冲击 Ak Longitudinal								
1	09-202675	09051129	5	185	3885	4.795	*1-A2	50	58740/55110	74690/71065	27/26										
2	09-202675	09051130	5	185	3885	4.795	*1-A2	50	52210/53660	68890/69615	28/27										
3	09-204555	09051134	7	258	5418	6.687	*1-A2	50	54385/55840	72515/73240	33/27										
4	09-204555	09051224	8	296	6216	7.672	*1-A2	50	57290/50760	72515/66715	31/28										
5	09-204555	09051223	6	222	4662	5.754	*1-A2	50	52210/50760	68890/71790	29/33										
6	09-204555	09051226	7	259	5439	6.713	*1-A2	50	54385/53660	71790/72515	29/31										
7																					
8																					
序号 NO.	类别 Type *5	化学成分 (%) Chemical Composition										低倍组织 (级) M.S			金相分析 Metallogical Analysis				水压 Hydro Test (-5s)		
		C	SI	Mn	P	S	Cr	Ni	Cu	Mo	V	AL	一般疏松 Ordinary Porosity	中心疏松 Central Porosity	偏析 Segregation	显微组织 *6 Microstructure		夹杂物 Inclusion			
1	R	.200	.240	.520	.012	.006	.020	.010	.010	.001	.002	.003								2970	PSI
2	R	.200	.240	.520	.012	.006	.020	.010	.010	.001	.002	.003								2970	PSI
3	R	.190	.220	.540	.022	.009	.020	.010	.010	.001	.003	.002								2970	PSI
4	R	.190	.220	.540	.022	.009	.020	.010	.010	.001	.003	.002								2970	PSI
5	R	.190	.220	.540	.022	.009	.020	.010	.010	.001	.003	.002								2970	PSI
6	R	.190	.220	.540	.022	.009	.020	.010	.010	.001	.003	.002								2970	PSI
7	R																				
8	R																				
压扁 Flattening		冷弯 Cold Bending		扩口 Flaring		超声检验 U.T		涡流检验 E.T		磁粉检验 M.P.I		漏磁检验 L.M.T		表面 & 尺寸 S&D		通径 N.D		表面 & 尺寸 S&D			
OK		OK		OK		OK		OK		OK		OK		OK		OK		OK			
注释 Notes		*1: 纵向条状 Longitudinal Strip: A1-12.7mm, A2-19.05mm, A3-25.4mm, A4-38.1mm, F-全截面 Full-section *2: 棒状 Clubbed: B1=12.7mm, B2=8.9mm, B3=8mm, B4=10mm *3: 横向条状 Transverse Strip: C1-12.7mm, C2-19.05mm, C3-25.4mm, C4-38.1mm, *4: D1=10x10x55mm, D2=10x7.5x55mm, D3=10x5x55mm *5: C-成品成分 Product composition R-熔炼成分 Melting composition *6: F-铁素体 Ferrite B-贝氏体 Bainite P-珠光体 Pearlite S-回火索氏体 Tempered Sorbite M-马氏体 Martensite																			
备注 Remark		1. SHOWING STATEMENT OF PERCENTAGES, BY WEIGHT OF THE CARBON AND ANY METALLIC ELEMENT AND OTHER ELEMENTS AS REQUIRED UNDER THE CONTRACTED SPECIFICATION CONTAINED IN THE PRODUCT, AND ALSO CONTAIN THE FOLLOWING 10 ELEMENTS C, MN, P, S, SI, AL, CU, NI, CR AND V IN ADDITION TO ANY AND ALL APPROPRIATE CHEMICAL TESTING CALLED FOR IN API 5L B. ALSO STATING CHEMICAL, MECHANICAL AND PHYSICAL PROPERTIES IN COMPLIANCE WITH CONTRACTED QUALITY AND TOLERANCES AS PER COMMERCIAL METALS COMPANY -DBA CMC DALLAS TRADING BY PURCHASE ORDER NUMBER 62286. 2. ASTM A53-04a ASME SA53B 2004 Edition, ASTM A106-04b ASME SA106 2004 Edition (NACE MR-0175) 3. L/C NUMBER: H8572/287662. 4. LOT NUMBER: 1/4. 5. MILL NAME AND ADDRESS: JIANGYIN CITY SEAMLESS STEEL TUBE FACTORY, No. 375, Zhongheng Rd. Xiagang Town Jiangyin City.																			

质量管理部负责人: 魏才军  
Quality Manager:

审核人: 魏才军  
Auditor:

制证人:  
Certification-maker: