



HUNAN STANDARD STEEL CO.,LTD

MILL TEST CERTIFICATE (EN 10204 3.1B)

Manufacture: HUNAN STANDARD STEEL CO.,LTD

Address: #112, Fuyuan Ave, Xinsha Industrial Zone Changsha, Hunan, China

Contract NO.: HSCOWX15289YH

Name of Goods: L SAW Steel Pipe

Quality certificate NO.: HSCO151116-20

Mass minute numbering : ZHS/P3-151116-20

Purchaser: _____

Product standard : EN10219

Steel Grade : S355J2H

Production method : Submerged Arc-Welded

Heat No.	Batch No.	Specification	Quantity of Pipes			Chemical composition														Hardness (HRB)	Macro Test Report	
		OD X WT (MM)	Pcs	Mtr	MT	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Nb	Ti	N	B			CE II W
						X0.01				X0.001												X0.01
60805423	/	711*16	85	/	/	14	27	143	16	8	45	9	12	10	8	8	3	-	-	39	/	Acc.
60805423	/	711*12	5	/	/	14	27	143	16	8	45	9	12	10	8	8	3	-	-	39	/	Acc.
60805423	/	711*25	4	/	/	14	27	143	16	8	45	9	12	10	8	8	3	-	-	39	/	Acc.
60805423	/	1016*16	1	/	/	14	27	143	16	8	45	9	12	10	8	8	3	-	-	39	/	Acc.

Heat No.	Batch No.	Tensile Test			T.S of Weld	Drop-Weight Tear Test	Impact Test												Guided-Bend		NDT		Hydro-Test	
		Y.S	T.S	E.L.			BM J(0℃)				HAZ J(0℃)				WM J(0℃)				Face Bend	Root Bend	U.T	R.T	Pressure	Duration
		Mpa	Mpa	%			1	2	3	A.V.G	1	2	3	A.V.G	1	2	3	A.V.G					Mpa	Second
60805423	/	405	521	43	569	/	36	47	32	38	45	38	44	42	50	42	49	47	Ok	Ok	Ok	Ok	9.6	≥10s
60805423	/	382	516	38	522	/	85	72	64	74	50	69	75	65	45	50	43	46	Ok	Ok	Ok	Ok	7.2	≥10s
60805423	/	356	516	40	512	/	120	111	95	109	80	74	67	74	50	51	38	46	Ok	Ok	Ok	Ok	15.0	≥10s
60805423	/	368	531	42	527	/	40	52	35	42	51	48	46	48	45	50	46	47	Ok	Ok	Ok	Ok	6.7	≥10s



WE HEREBY CERTIFY THAT THE MATERIAL HEREIN DESCRIBED HAS BEEN MANUFACTURED,TESTED IN ACCORDANCE WITH ABOVE STANDARD AND SPECIFICATION SATIFIED THE REQUIREMENT.

Issued:Mr wang

Lister: Sophia

Examine: Mr Sun

Quality Department's Stamp

Copy invalid

Date: 16th Nov., 2015