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증명서번호

CERTIFICATE NO.: E200709-0077-002313(5002028)

제 품 명

COMMODITY : E.R.W STEEL PIPE

제품규격

SPECIFICATION : API 5LB PSL1/ASTM A53B(2006)

## MILL'S QUALITY CERTIFICATES SěAH SeAH Steel Corp. (주)세 아 제 강

HEAD OFFICE ; BONGNAE-DONG 1GA, JUNG-GU, SEOUL, KOREA POHANG PLANT ; 14-1, JANGHEUNG-DONG, NAM-GU, POHANG

발 급 일 자		ι. E	14	小城台	- 化油油
DATE OF ISSUE	4	2007.08.31		44.44	Andrea Ser
계약서번호					
L/C No. (P/O No.)	•	PLESA	1.00	3 114000	
수 요 가					
CUSTOMER	-2	DUFERCO SA	10.101	5.74 Barris	160
주 문 자	100			Same	
SHIPPER	\$3	SEAH STEEL CORPORATION	$=12T_{\rm m}$	HEALT	183
1		(二) 惟왕씨씨 () 제 ()	N	-7395	575

	HEAT NO.	관 단 TYPE		주 문 치 수													수 량 QUANTITY										비고										4			
NO.	(BATCH NO.)	*1		ORDER SIZE											본 PCS	본 수 총 길 이 중량(M/T) PCS TOTAL LENGTH WEIGHT						REMARK								2	Res.	1	AF.	Ser	- 13					
47	C713784 (SIH7272110)	BBE	and the second		16 " X 0.312 " X 6.120 M											17 104.040 M							8.	077	P0.	NO	: 110;	3054	906	2		1		c . 265		ingel.	- Yee			
48	SP89454 (SIH8022220)	BBE			18 "			X O	0.250	n		X 6.	120	M		]	115 10			703.800		00 M		50.	054										1				97日 高行6	
49	SP89454 (SIH8031030)	BBE			18 "			X C	0.250	į n		X 6.	. 120	20 M		a de c			10		10 61.			61.200 M			4.353			= •										
50	C733434 (SIH8181310)	BBE			16 "			X 0.500 "				X 6.120 M				22	134.640 M 16.60					602	2 2 2 4 5 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1											海道の	n por la Stati					
-		HYDROSTA TEST	TIC	N D	V D I I S M	F L A	S H O	C O M P	R M E A S G I N	B E N	D R I	C R U S H	F L A	F L A	R F E L V A	ZINC C	C COATING TEST		CHEMICAL				COMF	<b>%</b> )	k)			TENS (Gage Le	ILE TEST ngth : 50mm)		T	PACT EST C)	HARE	)- HEA	T PI	PROTECTIVE	ΓIVE			
NO.	HEAT NO (BATCH NO.)	5 Sec	RES	Ť	U E A N L S	T T	C K	RES	D E U T		F	S H	R I N	N G E	ET	WEIGHT OF ZINC COAT -ING	TE	아파카파리	DES	С	Si	Mn	P	s ci	U <mark>NI</mark>	CR 1	MO	V CE	Q D I R	TENSILE STRENGTH	YIELD I STRENGTH	E.L	ENE- RGY	- SHEA ARE/	R TES	S TREA	TV T	COATIN	vG	
	K)	psi	Ŭ L T	U *2	& O N	N I N G	5.5	S I O N	A I L S M GAUSS	G *3	9		G	1	E N I N G	-110	*4	SALK	Ġ		2	1000	3	7	2 2	2	2	3 *8	100	psi	psi	<b>%</b> *10	Joul	e %	PAH	SN *11	14 10	HICK- NESS	P.H	
기준 SPEC					1	-11			30									1	MAX MIN	26		120	30 3	30 4	0 40	40	15 8	60		60000	35000	1.1	line. Line. Si	12 2	1.2.2	150	気況	56		
47	C713784 (SIH7272110)	820	G	G	G	G	T		G						- 4		N. N. J.		H P P	17 16 17	2	77 77 78	12	9 10 1 9 1		1 1	1	1	T	69830 71259	51630	39	i i A	18 5	14.14 14.14 14.14	f Se G	AH	56	8.74 8.74 8.34	
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N O T E	*1 ~ *12 : Refer To The Section Des			O T H E R				2										*	P	17		77	+ +	-	ι <b>Ι</b>	-	1		W	70690					- 20 - 11 - 11			500 500 500 500 500 500 500		
Sur	rveyor :			• WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE. • THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS. FURTHERMORE, ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)												Man	ager of J.	Q.M <b>E</b>	Dept	K	11	1	A STATE	AHO T	ABRA															