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 증명서번호 : E200709-0084-002320(5001625)
 CERTIFICATE NO. : E200709-0084-002320(5001625)
 제품명 : E.R.W STEEL PIPE
 COMMODITY : E.R.W STEEL PIPE
 제품규격 : API 5L PSL1/ASTM A53B(2006)
 SPECIFICATION : API 5L PSL1/ASTM A53B(2006)
 HEAD OFFICE : BONGNAE-DONG 1GA, JUNG-GU, SEOUL, KOREA
 POHANG PLANT : 14-1, JANGHEUNG-DONG, NAM-GU, POHANG
 발행일자 : 2007.08.31
 DATE OF ISSUE : 2007.08.31
 계약서번호 :
 L/C No. (P/O No.) : PLESA
 요구자 :
 CUSTOMER : DUFRERCO SA
 주문자 :
 SHIPPER : SEAH STEEL CORPORATION

MILL'S QUALITY
CERTIFICATES
Seah Steel Corp.
(주)세아제강

HEAT NO. (BATCH NO.)	관단 TYPE	주 문 치 수 ORDER SIZE	수 량 QUANTITY		비 고 REMARK																													
			분 수 PCS	중 량 (M/T) WEIGHT																														
5 C732831 (SIH7111060)	BBE	24 " X 0.250 " X 6.120 M	2	12.240 M	1.166																													
HEAT NO. (BATCH NO.)	HYDROSTATIC TEST	N · D · T	FLATTENING	DRIFT	CRUSHING	FLANGING	FLATTENING	REBENDING	COMPRESSION	RESIDUAL MAGNETIC	REVERSE BENDING	ZINC COATING TEST	CHEMICAL COMPOSITION(%)	TENSILE TEST (Gage Length : 50mm)	IMPACT TEST (°C)	HARDNESS TEST	HEAT TREATMENT	PROTECTIVE COATING & LINING																
	10 Sec.	psi	FLATTENING	DRIFT	CRUSHING	FLANGING	FLATTENING	REBENDING	COMPRESSION	RESIDUAL MAGNETIC	REVERSE BENDING	WEIGHT OF ZINC COATING	C	SI	Mn	P	S	CU	NI	CR	MO	V	CEQ	DIR	TENSILE STRENGTH	YIELD STRENGTH	E.L	ENB-SHEAR	RGY AREA	SN	THICKNESS	P.H		
			FLATTENING	DRIFT	CRUSHING	FLANGING	FLATTENING	REBENDING	COMPRESSION	RESIDUAL MAGNETIC	REVERSE BENDING	MAX	26	120	30	30	40	40	15	80					psi	psi	%	Joule	%	*11				
기준 SPEC			FLATTENING	DRIFT	CRUSHING	FLANGING	FLATTENING	REBENDING	COMPRESSION	RESIDUAL MAGNETIC	REVERSE BENDING	MIN	16	78	10	10									60000	35000								
5 C732831 (SIH7111060)	440	G G	FLATTENING	DRIFT	CRUSHING	FLANGING	FLATTENING	REBENDING	COMPRESSION	RESIDUAL MAGNETIC	REVERSE BENDING	H	17	79	9	12	1	1	1	1	1	1	1	T	70970	49630	40							G

N *1 ~ *12 :
 Refer To The Attached
 Section Designation
 O T H E R
 Surveyor :
 Manager of Q.M Dept.
J. E. KIM



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)