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증명서번호  
CERTIFICATE NO. : E200710-0260-002634(5002162)

제품명  
COMMODITY : E.R.W STEEL PIPE

제품규격  
SPECIFICATION : API 5LX42 PSL1/5LB(43rd)/ASTM  
A53B(2006)/ASME SA53B(2004)

# INSPECTION CERTIFICATE

## SeAH 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

발급일자

DATE OF ISSUE : 2007.10.31

계약서번호

L/C No. (P/O No.) : 073-H824(84419)

수요가

CUSTOMER : TEXAS PIPE &amp; SUPPLY

주문자

SHIPPER

NO.	HEAT NO. (BATCH NO.)	관단 TYPE	주문치수 ORDER SIZE				수량 QUANTITY			비고 REMARK
			관경	두께	길이	중량	본수 PCS	총길이 TOTAL LENGTH	중량(M/T) WEIGHT	
17	C714644 (SIHX032110)	BBE	24"	X 0.375"	X 21.000 FT	31	651.000 FT	27.967	CONFIRM TO NACE MR 0175 & MR 0103 *ERW : CHEMICAL COMPOSITION, HEAT TREATMENT AND HARDNESS ONLY *DSAW : CHEMICAL COMPOSITION AND HARDNESS ONLY	
18	C715493 (SIHX032120)	BBE	24"	X 0.375"	X 21.000 FT	5	105.000 FT	4.511		

  

NO.	HEAT NO. (BATCH NO.)	HYDROSTATIC TEST		N.D.T	DIMENSIONAL & VARIATION	FLATTENING	SHOCK	COMPRESSION	MAGNETIC RESIDUAL GAUSS	BENDING	DRIFT	CRUSH	FLARING	FLANGE	REVERSE	ZINC COATING TEST	CHEMICAL COMPOSITION(%)											TENSILE TEST (Gage Length : 50mm)			IMPACT TEST (°C)		HARDNESS TEST	HEAT TREATMENT	PROTECTIVE COATING LINE				
		10 Sec.	RESULT														WEIGHT OF ZINC COATING	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	CEQ	D	I	R	TENSILE STRENGTH				YIELD STRENGTH	E.L	ENRGY	SHEAR AREA
		psi		*2						*3						*4	*5	*6	*7							*8	*9	psi	psi	*10	Joule	%	*11						
기준 SPEC									30									MAX	28		125	30	30	40	40	40	15	80				60000	42000						
17	C714644 (SIHX032110)	1180	G	G	G	G			G									H	16	2	78	14	8						T		70690	50630	36				G		
																		P	15	2	78	16	6	1	2	2	TR	1	W		71259							G	
																		P	16	2	78	16	9	1	2	2	TR	1											G
18	C715493 (SIHX032120)	1180	G	G	G	G			G									H	16	1	79	18	10						T		70690	50060	38				G		
																		P	16	1	79	18	11	2	1	1	TR	2	W		71686							G	
																		P	15	2	79	17	10	2	1	1	TR	2											G

N O T E  
\*1 ~ \*12 :  
Refer To The Attached  
Section Designation

OTHER

Surveyor :

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)

Manager of Q.M Dept.

J. E. KIM

