

증명서번호
 CERTIFICATE NO. : E200812-0114-002931(5003742)
 제품명
 COMMODITY : E.R.W STEEL PIPE
 제품규격
 SPECIFICATION : API 5L X42/B(PSL1)/A53B

INSPECTION CERTIFICATE

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

계약서번호
 L/C No. (P/O No.) : 084-H734(95531)
 수요가
 CUSTOMER : TEXAS PIPE & SUPPLY
 주문자
 SHIPPER : SEAH STEEL AMERICA, INC.

NO.	HEAT NO. (BATCH NO.)	관 TYPE *1	주문 치 수 ORDER SIZE			수량 QUANTITY			비 고 REMARK
			10, 3/4 "	X 0.188 "	X 21.000 FT	본 수 PCS	총 길이 TOTAL LENGTH	중량(M/T) WEIGHT	
21	SB24781 (SH1Z082060)	BBE	10, 3/4 "	X 0.188 "	X 21.000 FT	24	504.000 FT	4.854	CONFIRM TO NACE MR 0175 & MR 0103 *ERW : CHEMICAL COMPOSITION, HEAT TREATMENT AND HARDNESS ONLY *DSAW : CHEMICAL COMPOSITION AND HARDNESS ONLY
22	C836340 (SI1Z021060)	BBE	24 "	X 0.250 "	X 42.000 FT	8	336.000 FT	9.673	
23	SQ57433 (SI1Z031090)	BBE	20 "	X 0.500 "	X 42.000 FT	6	252.000 FT	11.915	
24	SA03346 (SI1Z102060)	BBE	18 "	X 0.250 "	X 42.000 FT	12	504.000 FT	10.846	

NO.	HEAT NO. (BATCH NO.)	HYDROSTATIC TEST		N D T *2	V D I S M E N S I O N & U L T *2	F L A T T E N I N G	S H O C K	C O M P R E S S I O N	R E A S I N G D U T A I L S M G A U S S *3	B E N D I N G	D R I F T	C R U S H	F L A R I N G	F E A N G E	P L A T T E N I N G	ZINC COATING TEST		CHEMICAL COMPOSITION(%)										TENSILE TEST (Gage Length : 50mm)			IMPACT TEST (°C)		HARD- NESS TEST	HEAT TREATMENT	PROTECTIVE COATING & LINING					
		WEIGHT OF ZINC COATING	DESIGN													C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Nb	Ti	Al	CEQ	D I R	TENSILE STRENGTH	YIELD STRENGTH			E.L.	ENE- RGY	SHEAR AREA	SN	THICK- NESS	P.H
기준 SPEC		5 Sec	psi						30								MAX MIN	26		120	30	30	40	40	40	15	80			60200	42100									
21	SB24781 (SH1Z082060)	1260	G	G	G	G			G								H	16	1	69	13	7							T	69410	51640	33				G				
22	C836340 (SI1Z021060)	790	G	G	G	G			G								H	17	TR	77	9	8	TR	TR	1	TR	TR		W	72900										
23	SQ57433 (SI1Z031090)	1900	G	G	G	G			G								H	17	TR	79	8	7	1	1	1	1	1		W	69690	49640	35					G			
24	SA03346 (SI1Z102060)	1000	G	G	G	G			G								H	18	1	84	13	2	1	1	1	TR	1		T	70260	51090	36					G			
																	H	18	1	83	13	2	1	1	1	TR	1		W	74440										
																	H	14	2	69	18	6							T	71540	51510	33						G		
																	P	15	1	70	17	5	1	1	1	TR	TR		W	75000										

NOTE: *1 ~ *12 Refer To The Attached Section Designation

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