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발급일자
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증명서번호
CERTIFICATE NO. : PE202109-0017-001145(5021879)

INSPECTION CERTIFICATE

SeAH SeAH Steel Corp.

(주)세아제강

계약서번호
L/C No. (P/O No.) : 212-L276(25_002)

제품명
COMMODITY : H.F.W STEEL PIPE

수요자
CUSTOMER : _____

제품규격
SPECIFICATION : API 5L X42/B PSL1(46th)/ASTM A53B(2020)/ASME SA53B(2021)

HEAD OFFICE: SEAH TOWER, 45 YANGHWA-RO, MAPO-GU, SEOUL, KOREA
POHANG PLANT : 136, GOEDONG-RO, NAM-GU, POHANG, KOREA

주문자
SHIPPER : _____

NO.	HEAT NO. (BATCH NO.)	판단 TYPE *1	주문치수 ORDER SIZE			수량 QUANTITY			비고 REMARK
						본수 PCS	총길이 TOTAL LENGTH	중량(M/T) WEIGHT	
5	SB24410 (SAV8091040)	BBE	8.5/8 "	X 0.322 "	X 40'02"	115	4,619.205 FT	59.865	* METALLOGRAPHIC TEST : GOOD
6	SB25024 (SAV8092100)	BBE	8.5/8 "	X 0.500 "	X 42.000 FT	54	2,268.000 FT	44.680	
7	SB25024 (SAV8092130)	BBE	8.5/8 "	X 0.500 "	X 21.000 FT	69	1,449.000 FT	28.545	
8	SB25024 (SAV8101010)	BBE	8.5/8 "	X 0.500 "	X 21.000 FT	31	651.000 FT	12.825	

NO.	HEAT NO. (BATCH NO.)	HYDROSTATIC TEST		N · D · T RES ULT	V · I · S · U · E · S · I · O · N & · A · L · I · N · G	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 · S · I · D · U · I · T · I · S · M G · A · U · S · S	B · E · N · D · I · N · G *3	D · R · I · F · T	C · R · U · S · H	F · L · A · R · I · N · G	F · L · A · N · G · E	R · E · L · A · T · I · V · E · T · E · N · I · N · G	ZINC COATING TEST		CHEMICAL COMPOSITION(%)											TENSILE TEST (Gage Length : 50mm)			IMPACT TEST ()		HARD- NESS TEST	HEAT TREAT MENT						
		WEIGHT OF ZINC COAT -ING	D · E · P · T · H C · S · A · L · K													C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Nb	Ti	B	CEQ	D · I · R	TENSILE STRENGTH	YIELD STRENGTH	E · L			ENR- RGY	SHEAR AREA	SN			
																*4	*5	*6	*7												*8	*9	psi						psi	%	Joule
기준 SPEC										30								MAX MIN	26 19	1 1	45 46	13 12	4 4	1 1	2 2	3 2	1 1	2 2	1 1	2 2	0 0	0 0	0 0								
5	SB24410 (SAV8091040)	2360	G	G	G	G			G									H P P	19 16 17	1 1 1	45 46 45	13 12 13	4 4 4	1 1 1	2 2 2	3 2 2	1 1 1	2 2 2	1 2 1	0 0 0	0 0 0	0 0 0									G
6	SB25024 (SAV8092100)	2970	G	G	G	G			G									H P	18 17	1 1	79 63	12 11	4 4	1 1	1 1	2 2	0 0	2 2	0 0	0 0	0 0	0 0									G
7	SB25024 (SAV8092130)	2970	G	G	G	G			G									H P	18 17	1 1	79 63	12 11	4 4	1 1	1 1	2 2	0 0	2 2	0 0	0 0	0 0									G	
8	SB25024 (SAV8101010)	2970	G	G	G	G			G									H P P	18 17 16	1 1 1	79 63 63	12 11 11	4 4 4	1 1 1	1 1 2	2 2 2	0 0 0	2 2 0	0 0 0	0 0 0									G		

OTHERS : *1-BBE:BLACK BEVELED END(30°~35°) *G:GOOD *2-U:U:Weld Seam Ultrasonic Test *6-(Analysis)-H:Heat, P:Product, W:Weld *7-0(ZERO):Values below Significant Figure, 2:X100, 3:X1000, 4:X10000 *9-T:Base Metal Transverse, W:Weld Part Transverse *10-E.L.:Elongation(GL-2") *11-S.N.:Seam Normalizing(Weld and H.A.Z)

* THIS CERTIFICATE IS ISSUED ACCORDING TO EN 10204 3.1 ; 2004 ISO 10474 3.1 ; 2013(3.1.B;1991)

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.
S.R. Ahn

