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INSPECTION CERTIFICATE

SeAH Steel Corp.
(주)세 아 제 강

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

증명서번호 / CERTIFICATE NO. : PE202109-0064-001192(5021879)
제 품 명 / COMMODITY : H.F.W STEEL PIPE
제 품 규 격 / SPECIFICATION : API 5L X42/B PSL1(46th)/ASTM A53B(2020)/ASME SA53B(2021)

발 급 일 자 / DATE OF ISSUE : 2021.08.31
계 약 서 번 호 / L/C No. (P/O No.) : 212-L276(25.002)
수 요 가 / CUSTOMER : SUNBELT GROUP INC.
주 문 자 / SHIPPER : SEAH STEEL AMERICA,INC.

NO.	HEAT NO. (BATCH NO.)	판 단 TYPE *1	주 문 치 수 ORDER SIZE	수 량 QUANTITY 본 수 PCS	총 길 이 TOTAL LENGTH	중량(FT/T) WEIGHT	비 고 REMARK
1	SB26230 (SAV8242070)	BBE	6,5/8 " X 0.432 " X 21.000 FT	107	2,247.000 FT	29.144	* METALLOGRAPHIC TEST : GOOD

NO.	HEAT NO (BATCH NO.)	HYDROSTATIC TEST 5 Sec. psi	RESULT	N·D·T U *2	VISUAL & DIMENSION	FLATTENING	SHOCK	COMPRESSION	RESIDUAL MAGNETISM GAUSS	BENDING *3	DRIFT	CRUSH	FLARING	FLANGE	REVERSE FLATTENING
기준 SPEC									30						
1	SB26230 (SAV8242070)	2970	G	G	G	G			G						

NO.	HEAT NO (BATCH NO.)	ZINC COATING TEST WEIGHT OF ZINC COAT-ING	아연량 C.S *4	아연탄 ALK *5	CHEMICAL COMPOSITION(%) DESIG *6	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Nb	Ti	B	CEQ *8	DIR *9	TENSILE STRENGTH psi	YIELD STRENGTH psi	E.L % *10	IMPACT TEST () ENE-RGY Joule	SHEAR AREA %	HARD-NESS TEST	HEAT TREAT MENT SN *11
						2			3		2	2	2	2	3	3	3	4									
기준 SPEC					MAX	26		120	30	30	40	40	40	15	80			10									
					MIN																60200	42100	26				
1	SB26230 (SAV8242070)				H	19	2	85	15	6	2	1	3	0		0	2	0									
					P	18	1	84	16	6	1	0	2	0	2	2	1	0		L	72510	58740	36				G
					P	18	0	83	15	6	2	0	3	0	3	2	1	1									

NOTE *1 ~ *11: Refer To Others

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-L:Base Metal Longitudinal *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