

PAGE		:		1 / 3		MILL TEST & INSPECTION CERTIFICATE																				DATE OF ISSUE		:		2025-04-29																
CERTIFICATE NO.		:		PE202505-0066-000729(5031863)		SeAH Steel HEAD OFFICE; SEAH TOWER, 45 YANGHWA-RO, MAPO-GU, SEOUL, KOREA POHANG PLANT ; 136, GOEDONG-RO, NAM-GU, POHANG, KOREA																				L/C No. (P/O No.)		:		PO25100017(91-1209)																
COMMODITY		:		H.F.W STEEL PIPE																						CUSTOMER		:		SIXGEN TRADING COMPANY LLC																
SPECIFICATION		:		API 5L X52M PSL2(46th)/ASTM A53B(2024)/ASME SA53B(2023)																						SHIPPER		:		SEAH STEEL AMERICA,INC.																
NO.		HEAT NO. (BATCH NO.)		TYPE		ORDER SIZE										QUANTITY			REMARK																											
				*1												PCS	TOTAL LENGTH		WEIGHT(FT/T)	* CONFIRM TO NACE MR 0175 & MR 0103 (CHEMICAL COMPOSITION, HEAT TREATMENT AND HARDNESS VALUE ONLY) * HARDNESS TEST RESULT ; Max. Value * TENSILE SPECIMEN : RECTANGULAR (1L90-WIDTH 1" or 3/4") * UT/ET CALIBRATION REFERENCE : Φ 3.2MM DRILLED HOLE * METALLOGRAPHIC TEST ; GOOD * JD FIELDS Steel Making :HYUNDAI STEEL (KOREA) Coil Rolling : HYUNDAI STEEL (KOREA)																										
1	V40791 (SAZ4142040)	BBE	4,1/2 " X 0.237 " X 42.000 FT										363	15,246.000 FT		74.705																														
2	V38135 (SAZ4151020)	BBE	4,1/2 " X 0.237 " X 42.000 FT										537	22,554.000 FT		110.514																														
3	V40809 (SAZ4152070)	BBE	4,1/2 " X 0.337 " X 42.000 FT										245	10,290.000 FT		69.972																														
4	V38139 (SAZ4152080)	BBE	4,1/2 " X 0.337 " X 42.000 FT										27	1,134.000 FT		7.711																														
NO.		HEAT NO. (BATCH NO.)		HYDRO STATIC TEST		C O L L A P S E	N · D · T	V D I S M E U E A N S I & O N	F L A T T E N I N G	R · M · T (Gs)	B E N D I N G	D I R I G E S I G N I N G	CHEMICAL COMPOSITION(%)													TENSILE TEST				IMPACT TEST								Drop Weight Tear Test			HARD NESS TEST	HEAT TREAT MENT				
		5 Sec.		R E S U L T		EU 1					B		C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Nb	Ti	B	Pcm	CEQ	D I R	TENSILE STRENGTH	YIELD STRENGTH	Y.R %	E.L %	L O C	ENERGY (Joule)				SHEAR AREA (%)				()			HV	SN
		psi				*2					*3	*4	*5	*6										*12	*7	*8	psi	psi		*9	*10	1	2	3	AVE	1	2	3	AVE	1	2	AVE		*11		
SPEC										30		MAX MIN	22	45	120	25	15	40	40	40	15	50	50	40	10	25			110200 66700	76900 52200	93														250	
1	V40791 (SAZ4142040)	2970	G		G	G	G	G			H	6	1	76	11	4	1	1	2	0	1	17	1	1	10		L	68270	62010	91	32											178	G			
2	V38135 (SAZ4151020)	2970	G		G	G	G	G			H	7	1	75	13	6	1	1	2	0	1	16	1	1	11		L	72080	66020	92	27										181	G				
											P	6	1	79	12	5	1	1	2	0	3	16	1	1	10																					
											P	7	1	75	13	7	1	1	2	0	3	16	0	1	11		L	71350	64450	90	29															
3	V40809 (SAZ4152070)	2970	G		G	G	G	G			H	6	1	71	12	5	1	1	2	0	1	16	0	1	10		L	73530	68030	93	28										175	G				
											P	6	1	72	13	6	1	1	2	0	2	15	0	1	10																					
											P	5	1	72	13	6	1	1	2	0	2	16	0	1	9																					
4	V38139 (SAZ4152080)	2970	G		G	G	G	G			H	6	1	76	15	6	1	1	2	0	1	15	0	1	10		L	70920	64710	91	30															
											P	6	1	78	17	7	2	1	2	0	3	14	0	1	10																					
											P	6	1	78	17	7	1	1	2	0	3	14	0	1	10																					
NOTE		*1 ~ *12: Refer To Others		OTHERS	*1-BBE:BLACK BEVELED END(30°~ 35°) *G:GOOD *R.M:Residual Magnetism(Gauss) *DIR:Direction *LOC:Location *2-EU1:ET or UT:Eddy Current Test or Ultrasonic Test *3-B:Bend Test *5-(Analysis)-H:Heat, P:Product *6-0:Values below Significant Figure, 2:X1/100, 3:X1/1000, 4:X1/10000 *9-E.L:Elongation(GL-2") *8-L:Base Longitudinal*11-S.N:Seam Normalizing(Weld and H.A.Z)/Min. 871°C *12-C1(X100):C+Si/30+Mn/20+Cu/20+Ni/60+Cr/20+Mo/15+V/10+5B																									* THIS CERTIFICATE IS ISSUED ACCORDING TO EN 10204 3.1 ; 2004 ISO 10474 3.1 ; 2013(3.1.B;1991)																
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