

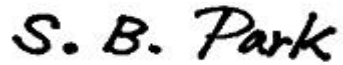
검사증명서

MILL TEST CERTIFICATE



당진제철소 : 충남 당진시 송악읍 북부산업로 1480
1480 Bukbusanup-Ro, Songak-Eup, Dangjin-Si, Chungnam, Korea

주문번호 Order No.	: F191100036	고객사 Customer	: PLESA STEEL	증명서 번호 Certificate No.	: 20191225-PS-008-021
품명 Commodity	: HOT ROLLED STEEL PLATE	주문자 Contractor	: HYUNDAI CORPORATION	발행일자 Date of Issue	: 2019-12-25
제품규격 Specification	: ASTM A572-50/A709-50				

제품지수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	Position	인장시험 Tensile Test						화학성분 Chemical Composition(%)											단위 Unit				
						YP	TS	EL	YP-EL	RA	YR	YP	Division	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	Nb	Ti	V	Sol	-Al
						(N/mm ²)	(%)	(%)	(%)	(%)	Mtd		4	3	3	4	4	2	2	3	2	3	3	3	3	3	
44.45 x 2438 x 6096	1	5,185	R32632	FC15638402	T	365.9	557.4	30				2	L	1,588	352	1,369	150	34	2	8	78	0	21	2	17	33	
44.45 x 2438 x 6096	1	5,185	R32627	FC15674502	T	383.9	581.7	29				U	P	1,575	342	1,362	144	29	2	8	74	0	21	2	18	34	
44.45 x 2438 x 6096	1	5,185	R32627	FC15674503	T	383.9	581.7	29				U	P	1,856	350	1,355	161	42	3	8	87	0	21	2	16	23	
44.45 x 2438 x 6096	1	5,185	R32627	FC15674503	T	383.9	581.7	29				U	L	1,793	343	1,341	131	36	3	8	86	0	20	2	17	26	
44.45 x 2438 x 6096	1	5,185	R32624	FC15674601	T	374.0	568.5	30				2	L	1,856	350	1,355	161	42	3	8	87	0	21	2	16	23	
44.45 x 2438 x 6096	1	5,185	R32624	FC15674601	T	374.0	568.5	30				2	P	1,793	343	1,341	131	36	3	8	86	0	20	2	17	26	
44.45 x 2438 x 6096	1	5,185	R32624	FC15674602	T	374.0	568.5	30				2	L	1,670	336	1,378	120	29	2	8	80	0	21	2	17	27	
44.45 x 2438 x 6096	1	5,185	R32624	FC15674602	T	374.0	568.5	30				2	P	1,559	321	1,325	78	16	2	8	73	0	15	2	16	27	
44.45 x 2438 x 6096	1	5,185	R32624	FC15674603	T	374.0	568.5	30				2	L	1,670	336	1,378	120	29	2	8	80	0	21	2	17	27	
44.45 x 2438 x 6096	1	5,185	R32624	FC15674603	T	374.0	568.5	30				2	P	1,559	321	1,325	78	16	2	8	73	0	15	2	16	27	
*** Sub Total(058) ***						6	31,110(Kg)																				
*** Condition of supply : As-Rolled ***																											
*** Lot Total ***						108	497,046(Kg)	Lot No. : HSH-1910-HMX01																			
*** Grade Total ***						108	497,046(Kg)																				
*** Last Item ***																											
NOTE	* Position - T:Top, M:Middle, B:Bottom * Tensile test - Direction:Transverse, Gauge length:50mm (Round), YP Mtd : 2 (0.2% off-set), 5 (0.5% underload), U (Upper yield point), L (Lower yield point) * Division - P:Product analysis, L:Ladle analysis																										
	* The plate is fully killed and fine grained steel. Basic oxygen process and Vacuum degassing process were applied.* This Mill Test Certificate is issued in accordance with EN 10204 Type 3.1																										
상기의 제품은 검사의 결과 지정된 규격에 합격한 것을 증명합니다. WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND THE REQUIREMENTS																				Signature  Chief Of Quality Assurance Team							