

# 검사증명서

## MILL TEST CERTIFICATE



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

주문번호 : F191100036  
Order No. : F191100036

품명 : HOT ROLLED STEEL PLATE  
Commodity : HOT ROLLED STEEL PLATE

제품규격 : ASTM A572-50/A709-50  
Specification : ASTM A572-50/A709-50

고객사 : PLESA STEEL  
Customer : PLESA STEEL

주문자 : HYUNDAI CORPORATION  
Contractor : HYUNDAI CORPORATION

증명서 번호 : 20191226-PS-006-001  
Certificate No. : 20191226-PS-006-001

발행일자 : 2019-12-26  
Date of Issue : 2019-12-26

제품치수 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 Mtd	Division	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	Nb	Ti	V	Sol -Al
						(N/mm <sup>2</sup> )	(%)	(%)	(%)	(%)	(%)			4	3	3	4	4	2	2	3	2	3	3	3	3
25.4 x 2438 x 6096	1	2,963	R32635	FC15598201	T	397.2	559.2	24				U	L	1,692	332	1,347	146	36	3	8	93	0	20	2	15	31
25.4 x 2438 x 6096	1	2,963	R32635	FC15598202	T	397.2	559.2	24				U	P	1,658	327	1,354	132	33	3	8	98	0	19	2	16	32
25.4 x 2438 x 6096	1	2,963	R32635	FC15598203	T	397.2	559.2	24				U	L	1,692	332	1,347	146	36	3	8	93	0	20	2	15	31
25.4 x 2438 x 6096	1	2,963	R32635	FC15598204	T	397.2	559.2	24				U	P	1,658	327	1,354	132	33	3	8	98	0	19	2	16	32
25.4 x 2438 x 6096	1	2,963	R32635	FC15598205	T	397.2	559.2	24				U	L	1,692	332	1,347	146	36	3	8	93	0	20	2	15	31
25.4 x 2438 x 6096	1	2,963	R32635	FC15598206	T	397.2	559.2	24				U	P	1,658	327	1,354	132	33	3	8	98	0	19	2	16	32
*** Sub Total(039) ***						6	17,778(Kg)																			
*** Condition of supply : As-Rolled ***																										
NOTE	* Position - T:Top, M:Middle, B:Bottom * Tensile test - Direction:Transverse, Gauge length:200mm (Rectangular), 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																									
WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND THE REQUIREMENTS																		Signature <b>S. B. Park</b> Chief Of Quality Assurance Team								