

# 검사증명서

## MILL TEST CERTIFICATE



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



주문번호 : F191100036  
Order No.

품명 : HOT ROLLED STEEL PLATE  
Commodity

제품규격 : ASTM A572-50/A709-50  
Specification

고객사 : PLESA STEEL  
Customer

주문자 : HYUNDAI CORPORATION  
Contractor

증명서 번호 : 20191224-PS-005-023  
Certificate No.

발행일자 : 2019-12-24  
Date of Issue

제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	Position	인장시험 Tensile Test						화학적 성분 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 1829 x 6096	1	2,223	R32638	FB69088603	T	422.3	566.7	27				U	L	1,520	364	1,392	123	33	3	8	85	0	21	2	18	30
25.4 x 1829 x 6096	1	2,223	R32638	FB69088604	T	422.3	566.7	27				U	P	1,600	364	1,380	118	27	2	8	81	0	19	2	18	29
25.4 x 1829 x 6096	1	2,223	R32638	FB69088605	T	422.3	566.7	27				U	L	1,520	364	1,392	123	33	3	8	85	0	21	2	18	30
25.4 x 1829 x 6096	1	2,223	R31996	FB69122001	T	397.6	567.4	25				U	P	1,600	364	1,380	118	27	2	8	81	0	19	2	18	29
25.4 x 1829 x 6096	1	2,223	R31996	FB69122002	T	397.6	567.4	25				U	L	1,520	364	1,392	123	33	3	8	85	0	21	2	18	30
25.4 x 1829 x 6096	1	2,223	R31996	FB69122003	T	397.6	567.4	25				U	P	1,600	364	1,380	118	27	2	8	81	0	19	2	18	29
25.4 x 1829 x 6096	1	2,223	R31996	FB69122004	T	397.6	567.4	25				U	L	1,737	327	1,160	148	20	21	19	141	0	15	2	2	40
25.4 x 1829 x 6096	1	2,223	R31996	FB69122005	T	397.6	567.4	25				U	P	1,758	350	1,161	137	17	22	19	141	0	15	2	2	37
25.4 x 1829 x 6096	1	2,223	R31996	FB69122006	T	397.6	567.4	25				U	L	1,737	327	1,160	148	20	21	19	141	0	15	2	2	40
25.4 x 1829 x 6096	1	2,223	R31996	FB69122007	T	397.6	567.4	25				U	P	1,758	350	1,161	137	17	22	19	141	0	15	2	2	37
25.4 x 1829 x 6096	1	2,223	R31992	FB69326701	T	398.2	572.7	27				U	L	1,737	327	1,160	148	20	21	19	141	0	15	2	2	40
25.4 x 1829 x 6096	1	2,223	R31992	FB69326701	T	398.2	572.7	27				U	P	1,758	350	1,161	137	17	22	19	141	0	15	2	2	37
25.4 x 1829 x 6096	1	2,223	R31992	FB69326701	T	398.2	572.7	27				U	P	1,915	319	1,119	100	24	20	19	140	0	12	2	2	37

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

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 **S. B. Park**  
Chief Of Quality Assurance Team