

# 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-005-004  
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						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 1829 x 6096	1	2,223	R32638	FB69044004	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	FB69044101	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	FB69044102	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	FB69044103	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	FB69044104	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	FB69044104	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	R32635	FB69044201	T	412.0	573.4	25				U	L	1,692	332	1,347	146	36	3	8	93	0	20	2	15	31
25.4 x 1829 x 6096	1	2,223	R32635	FB69044202	T	412.0	573.4	25				U	P	1,695	329	1,367	143	32	3	8	100	0	20	2	16	33
25.4 x 1829 x 6096	1	2,223	R32635	FB69044203	T	412.0	573.4	25				U	L	1,692	332	1,347	146	36	3	8	93	0	20	2	15	31
25.4 x 1829 x 6096	1	2,223	R32635	FB69044203	T	412.0	573.4	25				U	P	1,695	329	1,367	143	32	3	8	100	0	20	2	16	33

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