

# 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-005-019  
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	
19.05 x 2438 x 6096	1	2,222	R32199	FB68988201	T	446.8	582.2	24				U	L	1,663	377	1,361	163	24	2	8	86	0	21	2	17	34
19.05 x 2438 x 6096	1	2,222	R32199	FB68988202	T	446.8	582.2	24				U	P	1,663	359	1,370	149	21	3	8	79	0	19	2	17	34
19.05 x 2438 x 6096	1	2,222	R32199	FB68988203	T	446.8	582.2	24				U	L	1,663	377	1,361	163	24	2	8	86	0	21	2	17	34
19.05 x 2438 x 6096	1	2,222	R32199	FB68988204	T	446.8	582.2	24				U	P	1,663	359	1,370	149	21	3	8	79	0	19	2	17	34
19.05 x 2438 x 6096	1	2,222	R32199	FB68988205	T	446.8	582.2	24				U	L	1,663	377	1,361	163	24	2	8	86	0	21	2	17	34
19.05 x 2438 x 6096	1	2,222	R32199	FB68988301	T	452.8	578.0	22				U	P	1,663	359	1,370	149	21	3	8	79	0	19	2	17	34
19.05 x 2438 x 6096	1	2,222	R32199	FB68988302	T	452.8	578.0	22				U	L	1,663	377	1,361	163	24	2	8	86	0	21	2	17	34
19.05 x 2438 x 6096	1	2,222	R32199	FB68988303	T	452.8	578.0	22				U	P	1,663	359	1,370	149	21	3	8	79	0	19	2	17	34

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