

# 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 A36  
Specification

고객사 : PLESA STEEL  
Customer

주문자 : HYUNDAI CORPORATION  
Contractor

증명서 번호 : 20191224-PS-004-061  
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	DR
						(N/mm <sup>2</sup> )	(%)	(%)	(%)	(%)			4	3	3	4	4	2	2	3	2	3	3	3	3	3	3
31.75 x 1829 x 6096	1	2,779	R31447	FB68986901	T	301.2	475.6	29				U	L	1,481	230	1,121	120	28	3	1	25	0	2	2	1	30	2,010
31.75 x 1829 x 6096	1	2,779	R31447	FB68986902	T	301.2	475.6	29				U	P	1,527	217	1,109	118	30	3	1	27	0	1	1	1	31	2,010
31.75 x 1829 x 6096	1	2,779	R31447	FB68986903	T	301.2	475.6	29				U	P	1,527	217	1,109	118	30	3	1	27	0	1	1	1	31	2,010
31.75 x 1829 x 6096	1	2,779	R15825	FC15405301	T	308.8	493.3	31				U	L	1,524	255	1,175	200	37	4	1	19	0	1	1	0	36	2,089
31.75 x 1829 x 6096	1	2,779	R15825	FC15405302	T	308.8	493.3	31				U	P	1,523	254	1,170	191	36	4	2	21	0	1	2	1	36	2,089
31.75 x 1829 x 6096	1	2,779	R15825	FC15405303	T	308.8	493.3	31				U	L	1,524	255	1,175	200	37	4	1	19	0	1	1	0	36	2,089
31.75 x 1829 x 6096	1	2,779	R15825	FC15405304	T	308.8	493.3	31				U	P	1,523	254	1,170	191	36	4	2	21	0	1	2	1	36	2,089
31.75 x 1829 x 6096	1	2,779	R15825	FC15452801	T	308.8	493.3	31				U	L	1,524	255	1,175	200	37	4	1	19	0	1	1	0	36	2,089
31.75 x 1829 x 6096	1	2,779	R15825	FC15452801	T	308.8	493.3	31				U	P	1,523	254	1,170	191	36	4	2	21	0	1	2	1	36	2,089

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