

# 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-004-045  
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
19.05 x 1829 x 6096	1	1,667	R33346	FB69159902	T	301.3	464.7	29				U	L	1,502	187	848	172	29	2	1	17	0	0	2	1	36	1,749
19.05 x 1829 x 6096	1	1,667	R33346	FB69159903	T	301.3	464.7	29				U	P	1,491	198	883	172	28	2	1	18	0	1	2	1	36	1,749
19.05 x 1829 x 6096	1	1,667	R33346	FB69159904	T	301.3	464.7	29				U	L	1,502	187	848	172	29	2	1	17	0	0	2	1	36	1,749
19.05 x 1829 x 6096	1	1,667	R33346	FB69159905	T	301.3	464.7	29				U	P	1,491	198	883	172	28	2	1	18	0	1	2	1	36	1,749
19.05 x 1829 x 6096	1	1,667	R33346	FB69159906	T	301.3	464.7	29				U	L	1,502	187	848	172	29	2	1	17	0	0	2	1	36	1,749
19.05 x 1829 x 6096	1	1,667	R33346	FB69159907	T	301.3	464.7	29				U	P	1,491	198	883	172	28	2	1	18	0	1	2	1	36	1,749
19.05 x 1829 x 6096	1	1,667	R31957	FC15406001	T	314.2	462.5	29				U	L	1,507	189	855	140	69	3	1	26	0	2	2	1	32	1,759
19.05 x 1829 x 6096	1	1,667	R31957	FC15406002	T	314.2	462.5	29				U	P	1,520	184	861	130	62	2	1	26	0	1	2	1	29	1,759
19.05 x 1829 x 6096	1	1,667	R31957	FC15406002	T	314.2	462.5	29				U	L	1,507	189	855	140	69	3	1	26	0	2	2	1	32	1,759
19.05 x 1829 x 6096	1	1,667	R31957	FC15406002	T	314.2	462.5	29				U	P	1,520	184	861	130	62	2	1	26	0	1	2	1	29	1,759

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