

# 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

주모자 : HYUNDAI CORPORATION  
Contractor

증명서 번호 : 20191224-PS-005-029  
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	Division	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	Nb	Ti	V	Sol	-Al
						(N/mm <sup>2</sup> )	(%)	(%)	(%)	(%)	Mtd	4	3	3	4	4	2	2	3	2	3	3	3	3	3		
31.75 x 2438 x 6096	1	3,703	R32632	FB69124502	T	415.5	562.8	24				U	L	1,588	352	1,369	150	34	2	8	78	0	21	2	17	33	
31.75 x 2438 x 6096	1	3,703	R32632	FB69124503	T	415.5	562.8	24				U	P	1,630	344	1,367	144	31	2	8	75	0	21	2	18	34	
31.75 x 2438 x 6096	1	3,703	R32632	FB69124504	T	415.5	562.8	24				U	P	1,630	344	1,367	144	31	2	8	75	0	21	2	18	34	
31.75 x 2438 x 6096	1	3,703	R32512	FB69559801	T	386.2	512.9	25				U	L	1,588	352	1,369	150	34	2	8	78	0	21	2	17	33	
31.75 x 2438 x 6096	1	3,703	R32512	FB69559802	T	386.2	512.9	25				U	P	877	299	1,451	138	27	3	3	24	1	23	17	1	39	
31.75 x 2438 x 6096	1	3,703	R33113	FB69653001	T	428.6	567.3	25				U	L	896	304	1,466	155	34	3	2	24	1	25	16	2	41	
31.75 x 2438 x 6096	1	3,703	R33113	FB69653002	T	428.6	567.3	25				U	P	877	299	1,451	138	27	3	3	24	1	23	17	1	39	
31.75 x 2438 x 6096	1	3,703	R32641	FC16013201	T	397.2	564.2	27				U	L	1,596	363	1,442	120	38	2	1	15	0	32	13	32	39	
												U	L	1,598	358	1,455	140	42	2	1	17	0	34	13	31	42	
												U	P	1,596	363	1,442	120	38	2	1	15	0	32	13	32	39	
												U	L	1,598	358	1,455	140	42	2	1	17	0	34	13	31	42	
												U	P	1,651	342	1,357	135	26	2	9	90	0	20	2	17	27	
												U	L	1,611	363	1,343	122	22	2	9	90	1	19	2	18	26	

\*\*\* Sub Total(055) \*\*\* 8 29,624(Kg)

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