

# 검사증명서

## MILL TEST CERTIFICATE



당진제철소 : 충남 당진시 송악읍 북부산업로 1480  
1480 Bukusannip-ro, Songak-eup, Dangjin-si, Chungnam, Korea



주문번호 : F200100191  
Order No.

품명 : HOT ROLLED STEEL PLATE  
Commodity

고객사 : PLESA STEEL  
Customer

증명서 번호 : 20200331-PS-016-002  
Certificate No.

제품규격 : ASTM A572-50/A709-50  
Specification

주문처 : HYUNDAI CORPORATION  
Contractor

발행일자 : 2020-03-31  
Date of Issue

제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test										화학성분 Chemical Composition(%)										단위 Unit				
					공칭 길이 (mm)	YP (N/mm <sup>2</sup> )	TS (%)	EL (%)	YP-EL (%)	RA (%)	YR (%)	YP Mid (%)	0.2% σ <sub>0.2</sub>	C	Si	Mn	P	S	Cr	N	Cu	Mo	Nb	Ti	V	Sd -All			
63.5 x 1829 x 6096	1	5,558	R42919	FCI9503301	T	420.0	588.3	30						U	L	1,650	343	1,455	142	34	3	1	21	0	34	14	32	32	
63.5 x 1829 x 6096	1	5,558	R42919	FCI9503302	T	420.0	588.3	30						U	P	1,632	353	1,463	121	30	3	1	19	0	35	15	33	33	
*** Sub Total(044) ***					2	11,116(Kg)																							
*** Condition of supply : Controlled Rolling (Normalizing Rolling). ***																													
*** Lot Total ***					6	31,124(Kg)																							
*** Grade Total ***					6	31,124(Kg)																							
*** Last Item ***																													

- \* Position - F: Top, M: Middle, B: Bottom
- \* Tensile test - Direction: Transverse, Gauge length: 50mm (Round), YP Mid : 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

당지의 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

\* 본 검사증명서는 원본인 전자문서(전자서명 첨부 포함)로부터 출력된 사본입니다. 전자문서의 내용은 원본과 동일하며, 고객포털에서 확인하실 수 있습니다. (http://smhyundai-steel.com/cs/cm/login.jsp)  
\* This Mill Test Certificate is a copy that has been printed from original electronic document (with digital signing).  
\* You are able to check an original electronic document at hyundai's customer portal. (http://smhyundai-steel.com/cs/cm/login.jsp) \* QRcode scanner App : 'QReal'  
\* [사용성 주의사항] 본 검사증명서에 임의의 변경 사항이 발생될 수 있습니다.  
\* [Caution for Use] Damage on products and safety problems may arise if used other than to the spec stated in this Mill Test Certificate.