

# 검사증명서

## MILL TEST CERTIFICATE



당진제철소 : 충남 당진시 송악읍 복부산업로 1480  
1480 Duktuseanpp-ro, Songak-Eup, Dangjin-Si, Chungnam, Korea



주문번호 Order No. : F2001100191  
 품명 Commodity : HOT ROLLED STEEL PLATE  
 제품규격 Specification : ASTM A572-50/A709-50  
 고객사 Customer : PLESA STEEL  
 주문처 Contractor : HYUNDAI CORPORATION  
 증명서 번호 Certificate No. : 20200401-PS-013-006  
 발행일자 Date of Issue : 2020-04-01

제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test										화학성분 Chemical Composition(%)												
					YS (N/mm <sup>2</sup> )	TS (%)	EL (%)	Y-P-EL (%)	RA (%)	YR (%)	YP Mid (%)	C	S	Mn	P	S	Cr	N	Cu	Mo	Nb	Ti	V	Sd -A1			
63.5 x 2438 x 6036	1	7,408	RA5149	FCJ9867101	T	380.1	563.2	32					U	L	1.483	348	1.449	114	31	3	1	15	0	37	15	31	32
63.5 x 2438 x 6036	1	7,408	RA5149	FCJ9867102	T	380.1	563.2	32					U	L	1.530	342	1.421	104	27	3	1	17	0	34	15	32	34
*** Sub Total(045)*** 2 14,816(Kg)														P	1.590	342	1.421	104	27	3	1	17	0	34	15	32	34

\*\*\* Condition of supply: Coiled Rolling (Noncoiled Rolling).

- \* Position - T: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

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 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 열처리된 원재(원재)로부터 출원된 시험입니다. 원재의 열처리 기록은 원재에서 확인하실 수 있습니다. (http://sn.hyundai-steel.com/cs/cm/ogin.jsp)  
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 \* You are able to check an original electronic document at Hyundai's customer portal (http://sn.hyundai-steel.com/cs/cm/ogin.jsp) \* QRcode scanner App : 'QRae'  
 \* [사용상 주의사항] 본 검사증명서에 당기된 규격 외 사용시 제품손상 및 안전성 문제가 발생할 수 있습니다.  
 \* [Caution for Use] Damages on products and safety problems may arise if used other than to the spec stated in this Mill Test Certificate.