

# 검사증명서

## MILL TEST CERTIFICATE



당진제철소 : 충남 당진시 중안동 북부산업로 1480  
 1480 Deukksanmp-Ro, Songhak-Eup, Dangjin-Si, Chungnam, Korea



주문번호 : F190700141  
 Order No. : F190700141  
 품명 : HOT ROLLED CARBON STEEL PLATE  
 Commodity : HOT ROLLED CARBON STEEL PLATE  
 고객사 : Customer : 20190731-PS-007-060  
 주문지 : 주문지 : HYUNDAI CORPORATION  
 Contractor : HYUNDAI CORPORATION  
 증명서 번호 : Certificate No. : 20190731-PS-007-060  
 발행일자 : Date of issue : 2019-07-31

제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test										화학성분 Chemical Composition(%)										단위치 Unit Value							
					YP		TS	EL	YP-EL	RA	YR	YP	C		S	Mn	P	S	Cr	N	Cu	Mb	Nb	TI	V	Sd	DR					
					(N/mm <sup>2</sup> )	(%)	(%)	(%)	(%)	(%)	Mid	4	3	3	4	4	2	2	2	3	3	2	3	3	3	3	3					
15.83×2438×6036	1	1,853	R20351	FC11805404	T	300.8	462.2	29							2	L	1,582	168	870	151	60	3	3	2	2	2	3	3	3	3	29	1,819
15.83×2438×6036	1	1,853	R20351	FC11805405	T	300.8	462.2	29							2	L	1,582	168	870	151	60	3	3	2	2	2	3	3	3	3	29	1,819
15.83×2438×6036	1	1,853	R20351	FC11805406	T	300.8	462.2	29							2	L	1,582	168	870	151	60	3	3	2	2	2	3	3	3	3	29	1,819
15.83×2438×6036	1	1,853	R20351	FC11805407	T	300.8	462.2	29							2	L	1,582	168	870	151	60	3	3	2	2	2	3	3	3	3	29	1,819
15.83×2438×6036	1	1,853	R20351	FC11805408	T	300.8	462.2	29							2	L	1,582	168	870	151	60	3	3	2	2	2	3	3	3	3	29	1,819
15.83×2438×6036	1	1,853	R20351	FC11805409	T	300.8	462.2	29							2	L	1,582	168	870	151	60	3	3	2	2	2	3	3	3	3	29	1,819
15.83×2438×6036	1	1,853	R20351	FC11805410	T	300.8	462.2	29							2	L	1,582	168	870	151	60	3	3	2	2	2	3	3	3	3	29	1,819

\* Position - T:Top, M:Middle, B:Bottom  
 \* Tensile test - Direction:Transverse, Gauge length:200mm (Rectangular), YP Mid : 2 (0.2% off-set), 5 (0.5% underload), U (Upper yield point), L (Lower yield point)  
 \* Division - F: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  
 \* WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND THE REQUIREMENTS  
 \* 시기의 제품은 검사의 결과 지명된 규격에 합격된 것을 증명합니다.  
 \* 이 증명서는 원재료의 제조사(제철사)와 원재료의 품질을 보증하는 서류입니다. 제조사의 보증은 원재료에서 확인하실 수 있습니다.(http://sm.hyundai-steel.com/cs/cm/tpm.jsp)  
 \* You are able to check an original electronic document at hyundai-steel.com/cs/cm/tpm.jsp \* QRcode scanner App : 'QReal'  
 \* [시공시 주의사항] 본 검사증명서에 명시된 규격의 사용시 제품호출 및 안전성 문제가 발생할 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 Certification.

Signature  
**S. B. Park**  
 Chief Of Quality Assurance Team