

검사증명서

MILL TEST CERTIFICATE



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



주문번호 Order No. : F190700141
 품명 Commodity : HOT ROLLED CARBON STEEL PLATE
 제품규격 Specification : ASTM A572-50/A709-50
 고객사 Customer :
 주문자 Contractor : HYUNDAI CORPORATION
 증명서 번호 Certificate No. : 20190830-PS-053-037
 발행일자 Date of Issue : 2019-08-30

제품차수 Dimension	수량 Quantity	중량 Weight (Kg)	재간번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test						화학성분 Chemical Composition(%)										단위 Unit						
					YP (N/mm ²)	TS (%)	EL (%)	YP-EL (%)	RA (%)	YR (%)	YP Mid	C	S	Mn	P	S	Cr	N	Ou	Mo	Nb	Ti	V	Sd -Al			
7.92 x 2438 x 6036	1	924	R21134	FB36154702	469.6	601.9	22						U	L 1.630	327	1.334	122	28	2	2	11	108	0	18	2	17	41
7.92 x 2438 x 6036	1	924	R21134	FB36154702	469.6	601.9	22						U	P 1.676	337	1.341	120	27	2	2	11	115	0	18	2	18	37
7.92 x 2438 x 6036	1	924	R21134	FB36154703	469.6	601.9	22						U	L 1.630	327	1.334	122	28	2	2	11	108	0	18	2	17	41
7.92 x 2438 x 6036	1	924	R21134	FB36154704	469.6	601.9	22						U	P 1.676	337	1.341	120	27	2	2	11	115	0	18	2	18	37
7.92 x 2438 x 6036	1	924	R21134	FB36154705	469.6	601.9	22						U	L 1.630	327	1.334	122	28	2	2	11	108	0	18	2	17	41
7.92 x 2438 x 6036	1	924	R21134	FB36154707	469.6	601.9	22						U	P 1.676	337	1.341	120	27	2	2	11	115	0	18	2	18	37
7.92 x 2438 x 6036	1	924	R21134	FB36154801	469.6	601.9	22						U	L 1.630	327	1.334	122	28	2	2	11	108	0	18	2	17	41
7.92 x 2438 x 6036	1	924	R21134	FB36154802	469.6	601.9	22						U	P 1.676	337	1.341	120	27	2	2	11	108	0	18	2	17	41

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 - 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

당신의 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 컴퓨터 출력물이며, 원본 출력물로부터 출력된 사본입니다. 전자증서의 내용은 인쇄물을 그대로에서 확인하실 수 있습니다. (http://smhyundai-steel.com/cs/cm/loain.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/loain.jsp) * QRcode scanner App : 'QReal'
 * [시정] 주위에서 본 검사증명서에 인가된 규격 외 사용시 제품품질 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 Certificate.