

검사증명서

MILL TEST CERTIFICATE



당진제철소 : 충남 당진시 중앙동 북부산업로 1480
1480 Bukhansanup-ro, Songgok-Eup, Dangjin-Si, Chungnam, Korea



주문번호 Order No. : F190700141
 품명 Commodity : HOT ROLLED CARBON STEEL PLATE
 고객사 Customer :
 제품규격 Specification : ASTM A572-50/A709-50
 주문처 Contractor : HYUNDAI CORPORATION
 증명서 번호 Certificate No. : 20190830-PS-053-002
 발행일자 Date of Issue : 2019-08-30

제품치수 [Dimension]	수량 Quantity	중량 Weight (Kg)	재질번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test										화학성분 Chemical Composition(%)										단위:Unit 2: x100 3: x1,000 4: x10,000 5: x100,000									
					YP (N/mm ²)	TS	EL (%)	YF-EL (%)	FA (%)	YR (%)	YP Mid	DM 50N	C	S	Mn	P	S	Cr	N	Cu	Mo	Nb	Ti	V	Sd -Al									
38.1 x 1829 x 6096	1	3,335	R21150	FB86017201	T	394.0	564.7	28								U	L	1.724	346	1.332	120	28	3	10	90	0	19	2	17	27				
38.1 x 1829 x 6096	1	3,335	R21150	FB86017202	T	394.0	564.7	28								U	L	1.724	346	1.332	120	28	3	10	90	0	19	2	17	27				
38.1 x 1829 x 6096	1	3,335	R21150	FB86017301	T	394.0	564.7	28								U	L	1.724	346	1.332	120	28	3	10	90	0	19	2	17	27				
38.1 x 1829 x 6096	1	3,335	R21150	FB86017302	T	394.0	564.7	28								U	L	1.724	346	1.332	120	28	3	10	90	0	19	2	17	27				
38.1 x 1829 x 6096	1	3,335	R21150	FB86017401	T	394.0	564.7	28								U	L	1.724	346	1.332	120	28	3	10	90	0	19	2	17	27				
38.1 x 1829 x 6096	1	3,335	R21150	FB86017402	T	394.0	564.7	28								U	L	1.724	346	1.332	120	28	3	10	90	0	19	2	17	27				
38.1 x 1829 x 6096	1	3,335	R19838	FC11986601	T	365.3	545.9	26								U	L	1.616	353	1.352	150	38	3	8	94	0	20	2	16	29				
38.1 x 1829 x 6096	1	3,335	R19838	FC11986602	T	365.3	545.9	26								U	L	1.616	353	1.352	150	38	3	8	94	0	20	2	16	29				

* Position - T:Top, Middle, Bottom
 * Tensile test - Direction: Transverse, Gauge length: 200mm (Rectangular), YP Mid : 2 (0.2% off-set), S (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 검사결과 결과와 판격된 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 증명서는 열처리 절차에 따라 확인 후 발급된 사본입니다. 전자 문서의 내용은 원본과 동일하게 확인하실 수 있습니다. (http://smhyundai-steel.com/cs/eng/in.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 Steel's customer portal. (http://smhyundai-steel.com/cs/eng/in.jsp) * QRcode scanner App : 'QHeat'
 * [주의사항] 본 검사증명서에 임의의 규격 외 사용시 제품손상 및 안전상 문제가 발생할 수 있습니다.
 * [Caution for Use] Damage on products and safety problems may arise if used other than the spec stated in this Mill Test Certificate.