

검사증명서

MILL TEST CERTIFICATE



당진제철소 : 흥남 당진시 중학동 북부산업로 1480
 1480 Bulksanup-ro, Songak-Eup, Dangjin-Si, Chungnam, Korea



주문번호 : F190700141
 Order No. :

품명 : HOT ROLLED CARBON STEEL PLATE
 Commodity :

제품규격 : ASTM A572-50/A709-50
 Specification :

고객사 : HYUNDAI CORPORATION
 주문처 : HYUNDAI CORPORATION
 Contractor :

증명서 번호 : 20190830-PS-053-051
 Certificate No. :
 발행일자 : 2019-08-30
 Date of Issue :

제품지수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test										화합성분 Chemical Composition(%)																
					YP (N/mm ²)	TS	EL (%)	Yp-El (%)	RA (%)	YR (%)	YP Mtd	D 530	C	S	Mn	P	S	Cr	Ni	Cu	Mo	Nb	Ti	V	Sq -AI						
38.1 x 2438 x 6036	1	4,445	R19831	FCH1753903	T	371.7	561.3	26						2	L	1.694	341	1.332	144	37	4	2	2	2	7	88	1	20	2	17	32
38.1 x 2438 x 6036	1	4,445	R19836	FCH1830902	T	366.3	545.9	26						U	L	1.670	346	1.366	132	35	3	3	3	3	8	91	0	19	2	17	34
38.1 x 2438 x 6036	1	4,445	R19838	FCH1831002	T	365.3	545.9	26						U	L	1.616	353	1.352	150	38	3	3	3	3	8	90	0	20	2	16	31
38.1 x 2438 x 6036	1	4,445	R19838	FCH1831402	T	365.3	545.9	26						U	L	1.616	353	1.352	150	38	3	3	3	3	8	94	0	19	2	17	29
38.1 x 2438 x 6036	1	4,445	R19834	FCH1831601	T	366.2	563.8	27						U	L	1.680	344	1.343	140	35	3	3	3	3	8	94	0	19	2	17	29
38.1 x 2438 x 6036	1	4,445	R19834	FCH1831602	T	366.2	563.8	27						U	L	1.655	364	1.364	138	46	4	3	3	3	8	88	0	20	2	17	35
38.1 x 2438 x 6036	1	4,445	R19834	FCH1831603	T	366.2	563.8	27						U	L	1.706	361	1.375	136	46	3	3	3	3	8	91	0	20	2	18	36
38.1 x 2438 x 6036	1	4,445	R19834	FCH1831701	T	366.2	563.8	27						U	L	1.655	364	1.364	138	46	4	3	3	3	8	88	0	21	2	17	35
38.1 x 2438 x 6036	1	4,445	R19834	FCH1831701	T	366.2	563.8	27						U	L	1.706	361	1.375	136	46	3	3	3	3	8	88	0	21	2	18	36
38.1 x 2438 x 6036	1	4,445	R19834	FCH1831701	T	366.2	563.8	27						U	L	1.555	364	1.364	138	46	4	3	3	3	8	88	0	21	2	17	35
38.1 x 2438 x 6036	1	4,445	R19834	FCH1831701	T	366.2	563.8	27						U	L	1.555	364	1.364	138	46	4	3	3	3	8	88	0	21	2	17	35
38.1 x 2438 x 6036	1	4,445	R19834	FCH1831701	T	366.2	563.8	27						U	L	1.706	361	1.375	136	46	3	3	3	3	8	91	0	20	2	18	36

Position - T:Top, M:Middle, B:Bottom
 Tensile test - Direction: Transverse, Gauge length: 200mm (Rectangular), YP Mid : 2 (0.2% of σ_{TS}), 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

상기의 제품은 검사 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 형태 포함)로부터 출력된 사본입니다. 전자문서의 내용은 원본과 동일하게 확인하실 수 있습니다. (http://smhyundai-steel.com/cs/eng/quality.asp)
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 * [Condition for Issue] Demand on products and safety problems may arise if used other than the spec stated in this Mill Test Certification.