

검사증명서

MILL TEST CERTIFICATE



당진제철소 : 충남 당진시 송악읍 북부산업로 1480
1480 Bujikseonp-Ro, Songak-Eup, Dangjin-Si, Chungnam, Korea



주문번호 : F190700141
Order No.

품명 : HOT ROLLED CARBON STEEL PLATE
Commodity

고객사 :
Customer :

증명서 번호 : 20190731-PS-007-037
Certificate No.

제품규격 : ASTM A36
Specification

주문자 : HYUNDAI CORPORATION
Contractor

발행일자 : 2019-07-31
Date of Issue

제품차수 Direction	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	경도 Hardness	인장시험 Tensile Test						화합성분 Chemical Composition(%)										단위 Unit									
						YP (N/mm ²)	TS	EL (%)	Y-EL (%)	RA (%)	YR (%)	YP Mid	C	S	Mn	P	S	Cr	N	Cu	Mo	Nb	Ti	V	S ₄	DR					
12.7 x 2438 x 6036	1	1,482	R20347	FC11700003	5	301.3	460.1	30										U	L	1.504	176	870	143	59	2	2	2	3	3	24	1,772
12.7 x 2438 x 6036	1	1,482	R20347	FC11700004	5	301.3	460.1	30										U	L	1.504	176	870	143	59	2	2	2	2	3	24	1,772
12.7 x 2438 x 6036	1	1,482	R20347	FC11700005	5	301.3	460.1	30										U	L	1.504	176	870	143	59	2	2	2	2	3	24	1,772
12.7 x 2438 x 6036	1	1,482	R20347	FC11700006	5	301.3	460.1	30										U	L	1.504	176	870	143	59	2	2	2	2	3	24	1,772
12.7 x 2438 x 6036	1	1,482	R20347	FC11700007	5	301.3	460.1	30										U	L	1.504	176	870	143	59	2	2	2	2	3	24	1,772
12.7 x 2438 x 6036	1	1,482	R20347	FC11700101	5	307.5	466.3	29										U	L	1.504	176	870	143	59	2	2	2	2	3	24	1,772
12.7 x 2438 x 6036	1	1,482	R20347	FC11700102	5	307.5	466.3	29										U	L	1.504	176	870	143	59	2	2	2	2	3	24	1,772
12.7 x 2438 x 6036	1	1,482	R20347	FC11700103	5	307.5	466.3	29										U	L	1.504	176	870	143	59	2	2	2	2	3	24	1,772

Position - T:Top, M:Middle, B:Bottom
Tensile test - Direction: Transverse. Gauge length: 200mm (Rectangular). YP Mid : 2 (0.2% off-sal), 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

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 원본의 전자문서전자시각 정보 포함본부터 출력된 사본입니다. 전자문서의 내용은 인쇄본을 그대로 복사하여서 확인하실 수 있습니다. (http://sm.hyundai-steel.com/cs/cm/eqnl.jsp)
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* You are able to check an original electronic document at hyundai-steel's customer portal (http://sm.hyundai-steel.com/cs/cm/eqnl.jsp) * QRcode scanner App : 'QReal'
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