

검사증명서

MILL TEST CERTIFICATE



당진제철소 : 중남 당진시 송악읍 북쿠산로 740
1430 Eukbusan-ro Songak-Eup Dangjin-Si Chungnam, Korea



주문번호 : E190200151
Order No.

품명 : HOT ROLLED STEEL PLATE
Commodity

제품규격 : ASTM A36
Specification

고객사 : DUFERCO
Customer

주문자 : DUFERCO S.A.
Contractor

증명서 번호 : 20190323-PS-004-006
Certificate No.

발행일자 : 2019-03-23
Date of Issue

제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	Position	인장시험 Tensile Test						화학적분 Chemical Composition(%)														단위 Unit 2 : x100 3 : x1,000 4 : x10,000 5 : x100,000	
						YP	TS	EL	YP-EL	RA	YR	YP	Division	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	Nb	Ti	V	Sol -Al	DR
						(N/mm ²)	(%)	(%)	(%)	(%)	Mtd	4		3	3	4	4	2	2	3	2	3	3	3	3	3	
19.05 x 2438 x 6096	1	2,222	R02451	FB60397801	T	299.3	460.7	30				U	L	1,599	200	890	136	67	3	1	30	0	1	2	1	28	1,849
19.05 x 2438 x 6096	1	2,222	R02451	FB60397802	T	299.3	460.7	30				U	P	1,595	191	873	125	65	2	1	29	0	1	2	1	27	
19.05 x 2438 x 6096	1	2,222	R02451	FB60397803	T	299.3	460.7	30				U	L	1,599	200	890	136	67	3	1	30	0	1	2	1	28	1,849
19.05 x 2438 x 6096	1	2,222	R02451	FB60397804	T	299.3	460.7	30				U	P	1,595	191	873	125	65	2	1	29	0	1	2	1	27	
19.05 x 2438 x 6096	1	2,222	R02451	FB60397805	T	299.3	460.7	30				U	L	1,599	200	890	136	67	3	1	30	0	1	2	1	28	1,849
19.05 x 2438 x 6096	1	2,222	R02038	FB60397903	T	310.8	458.1	32				U	P	1,595	191	873	125	65	2	1	29	0	1	2	1	27	
19.05 x 2438 x 6096	1	2,222	R02038	FB60397904	T	310.8	458.1	32				U	L	1,530	202	887	164	56	3	1	26	0	1	2	1	34	1,805
19.05 x 2438 x 6096	1	2,222	R02451	FC05592001	T	302.1	462.6	30				U	P	1,502	204	905	163	52	3	1	26	0	1	2	1	35	
19.05 x 2438 x 6096	1	2,222	R02451	FC05592001	T	302.1	462.6	30				U	L	1,502	204	905	163	52	3	1	26	0	1	2	1	35	
19.05 x 2438 x 6096	1	2,222	R02451	FC05592001	T	302.1	462.6	30				U	P	1,736	209	933	140	66	3	1	27	0	1	2	1	27	1,849

* Position - T:Top, M:Middle, B:Bottom
* Tensile test - Direction:Transverse, Gauge length:200mm (Rectangular), YP Mtd : 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

상기의 제품은검사의 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 정보 포함)로부터 출력된 사본입니다. 전자문서의 내용은 현대제철 고객포탈에서 확인하실 수 있습니다.(<http://sm.hyundai-steel.com/cs/cm/login.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://sm.hyundai-steel.com/cs/cm/login.jsp>) * QRcode scanner App : 'QRReal'
- * [사용상 주의사항] 본 검사증명서에 명기된 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 to the spec stated in this Mill Test Certification.