

검사증명서

MILL TEST CERTIFICATE



당진제철소 : 중남 단진시 송익동 북부산업도 1480
1430 Eukbusanu-ro Songsk-Eup Dangjin-Si Chungnam, Korea



주문번호 : E190200151
Order No. : E190200151

품명 : HOT ROLLED STEEL PLATE
Commodity : HOT ROLLED STEEL PLATE

제품규격 : ASTM A36
Specification : ASTM A36

고객사 : DUFERCO
Customer : DUFERCO

주문자 : DUFERCO S.A.
Contractor : DUFERCO S.A.

증명서 번호 : 20190323-PS-004-001
Certificate No. : 20190323-PS-004-001

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제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	Position	인장시험 Tensile Test						화학적 성분 Chemical Composition(%)											단위 Unit				
						YP	TS	EL	YP-EL	RA	YR	YP Mtd	Division	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	Nb	Ti	V	Sol -Al	DR
						(N/mm ²)	(%)	(%)	(%)	(%)	(%)	4		3	3	4	4	2	2	3	2	3	3	3	3	3	
19.05 x 1829 x 6096	1	1,667	R03256	FB60623001	T	306.7	462.9	30				U	L	1,566	207	865	102	32	2	1	16	0	0	2	1	29	1,805
19.05 x 1829 x 6096	1	1,667	R03256	FB60623002	T	306.7	462.9	30				U	P	1,563	210	862	95	32	2	1	15	0	1	2	1	30	1,805
19.05 x 1829 x 6096	1	1,667	R03256	FB60623003	T	306.7	462.9	30				U	L	1,566	207	865	102	32	2	1	16	0	0	2	1	29	1,805
19.05 x 1829 x 6096	1	1,667	R03256	FB60623004	T	306.7	462.9	30				U	P	1,563	210	862	95	32	2	1	15	0	1	2	1	30	1,805
19.05 x 1829 x 6096	1	1,667	R03256	FB60623005	T	306.7	462.9	30				U	L	1,566	207	865	102	32	2	1	16	0	0	2	1	29	1,805
19.05 x 1829 x 6096	1	1,667	R03256	FB60623006	T	306.7	462.9	30				U	P	1,563	210	862	95	32	2	1	15	0	1	2	1	30	1,805
19.05 x 1829 x 6096	1	1,667	R03261	FB60623101	T	297.3	463.0	32				U	L	1,542	196	828	151	29	2	0	15	0	0	2	0	27	1,753
19.05 x 1829 x 6096	1	1,667	R03261	FB60623102	T	297.3	463.0	32				U	P	1,591	201	844	154	28	2	1	16	0	1	2	1	28	1,753

NOTE

- * 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 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 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 : 'QReal'
* [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.