

MO. 2P00JUN

218294

검사증명서

MILL TEST CERTIFICATE



0038/07 당진제철소 : 충남 당진시 송악읍 북부산업로 1400
1450 Bulbusanup-Ro, Songak-Eup, Dangjin-Si, Chungnam, Korea



주문번호 Order No. : F170800234
품명 Commodity : Hot Rolled Steel Plate
제품규격 Specification : EN 10225-2 S355J2+N

고객사 Customer : H. MARCELINO FRANCO
주문자 Contractor : HYUNDAI CORPORATION

증명서 번호 Certificate No. : 20171031-PS-014-034
발행일자 Date of Issue : 2017-10-31

제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	재감번호 Heat No.	제품번호 Product No.	Position	인장시험 Tensile Test							충격시험 Impact Test V Notch -20.0 °C			화학적분 Chemical Composition(%)														
						YP	TS	EL	YP-EL	RA	YR	YP	Energy	SF	LE	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	Nb	Ti	V	CEQ		
						(N/mm)	(%)	(%)	(%)	(%)	Mtd	(Joule)	(%)	(mm)	Unit														2 : x100	3 : x1,000
70x2500x12000	1	16.485	P45354	FA8/929301	T	400.5	515.4	28					U	1:274			L	1,195	201	1,488	162	30	3	10	82	0	32	14	2	386
70x1500x12000	1	16.485	P45351	FA8/929401	T	390.0	516.5	27					U	2:229			P	1,290	197	1,486	155	32	2	10	79	1	32	13	2	395
70x2500x12000	1	16.485	P45354	FA8/929501	T	365.5	505.3	28					U	1:231			L	1,269	195	1,472	153	38	3	9	81	0	32	15	2	390
70x2500x12000	1	16.485	P45351	FA88014901	T	390.0	516.5	27					U	2:278			P	1,360	185	1,487	148	38	3	9	79	1	31	15	2	404
													U	3:214			L	1,195	201	1,488	162	30	3	10	82	0	32	14	2	386
													U	2:266			P	1,290	197	1,486	155	32	2	10	79	1	32	13	2	395
													U	3:264			L	1,269	195	1,472	153	38	3	9	81	0	32	15	2	390
													U	A:241			P	1,360	185	1,487	148	38	3	9	79	1	31	15	2	404
													U	1:231			L	1,269	195	1,472	153	38	3	9	81	0	32	15	2	390
													U	2:278			P	1,360	185	1,487	148	38	3	9	79	1	31	15	2	404
													U	3:214			L	1,269	195	1,472	153	38	3	9	81	0	32	15	2	390
													U	A:241			P	1,360	185	1,487	148	38	3	9	79	1	31	15	2	404

NOTE
 • Position - T:Top, M:Middle, B:Bottom
 • Tensile test - Direction:Transverse, Gauge length:5.65√A, (Round), YP Mtd : 2 (0.2% off-set), 5 (0.5% underload), U (Upper yield point), L (Lower yield point)
 • Impact test - Direction:Longitudinal, Size:10mmX10mm, SF:Shear fracture, LE:Lateral Expansion
 • Division - P:Product analysis, L:Ladle analysis

• THIS CERTIFICATE IS ISSUED ACCORDING TO EN 10204 3.1 AD2000W6(W1)
 This Mill Test Certificate is issued in accordance with EN 10204 Type 3.1

상기의 제품은 검사의 결과 주문요구사항과 지정된 규격에 합격한 것을 증명합니다.
 WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF ORDER AND SPECIFICATION

Signature
S. B. Park
 Chief Of Quality Assurance Team

UT 28.031.20.0106
 APBeron 28/12/2018

ONIRAM, LDA
 DEP. QUALIDADE
 RECEPÇÃO

DATA
 2018/04/03

RUBRICA
 [Signature]

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