

MO. 2PSCJUNA

218294

검사증명서 MILL TEST CERTIFICATE



0038/07 당진계철소 : 충남 당진시 송악읍 북부산업로 1480
1480 Bukbusanup-ro, Songak-eup, Dangjin-si, Chungnam, Korea



주문번호 Order No. : F170800234

품명 Commodity : Hot Rolled Steel Plate

제품규격 Specification : EN 10025-2 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)	제강번호 Heat No.	제품번호 Product No.	Position	인장시험 Tensile Test						충격시험 Impact Test V Notch -20.0 °C			화학성분 Chemical Composition(%)														
						YP	TS	EL	YP-EL	RA	YR	YP	Energy	SF	LE	단위 Unit 2 : x1,000 3 : x1,000 4 : x10,000 5 : x100,000													
						(N/mm)	(%)	(%)	(%)	(%)	(%)	Mtd	(Joule)	(%)	(mm)	Division	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	Nb	Ti	V	CEQ
70x2500x12000	1	16,485	P45354	FA87929301	T	400.5	515.4	28				U	1: 274 2: 229 3: 282 A: 261	-		L	1,195	201	1,488	162	30	3	10	82	0	32	14	2	386
70x2500x12000	1	16,485	P45351	FA87929401	T	390.0	516.5	27				U	1: 231 2: 278 3: 214 A: 241			L	1,269	195	1,472	153	38	3	9	81	0	32	15	2	390
70x2500x12000	1	16,485	P45354	FA87929501	T	365.5	505.3	28				U	1: 264 2: 266 3: 264 A: 264			L	1,195	201	1,488	162	30	3	10	82	0	32	14	2	386
70x2500x12000	1	16,485	P45351	FA88014901	T	390.0	516.5	27				U	1: 231 2: 278 3: 214 A: 241			L	1,269	195	1,472	153	38	3	9	81	0	32	15	2	390
																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: 10mm X 10mm, SF: Shear fracture, LE: Lateral Expansion
- Division - P: Product analysis, L: Ladle analysis

* THIS CERTIFICATE IS ISSUED ACCORDING TO EN 10204 3.1 AD2000W0(W1)
This Mill Test Certificate is issued in accordance with EN 10204 Type 3.1

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 18.031.20.0106
Acloran 18/12/11(273)
ONIRAM, LDA
DEP. QUALIDADE RECEPÇÃO

DATA
2018.04.03

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