



검사 증명서
MILL TEST CERTIFICATE

공진계주소 : 영남강진시 울진로 북부산업로 1480
 1480 Fukusanzu-ro, Songhak-Eup, Dangjin-Si, Chungnam, Korea

주문번호 : E221000063
 Order No.
 품명 : Hot Rolled Steel Plate
 Commodity
 제품규격 : A36(2019)/SA36(2019)/A709-36(2018)
 Specification
 고객사 :
 Customer
 주문자 : HYUNDAI CORPORATION (USA)
 Contractor
 증명서 번호 : 20221207-PS-0008-026
 Certificate No.
 발행일자 : 2022-12-07
 Date of Issue

제품치수 Dimension	수량 Quantity	중량 Weight (kg)	제강번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test						화학성분 Chemical Composition (%)												
					YP (N/mm ²)	TS (%)	EL (%)	RA (%)	YR (%)	YP Mid	C	S	Mn	P	S	Cr	Ni	Cu	Mo	Ti	V	DR	
																							324.9 485.1 31
1'x65'x240'	1	1,852	S49602	FD041039-05	T	324.9 485.1 31						0.1855	0.243	1.054	0.013	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167
1'x65'x240'	1	1,852	S49602	FD041039-05	T	324.9 485.1 31						0.1855	0.243	1.054	0.013	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167
1'x65'x240'	1	1,852	S49602	FD041039-05	T	324.9 485.1 31						0.1855	0.243	1.054	0.013	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167
1'x65'x240'	1	1,852	S49602	FD041039-05	T	324.9 485.1 31						0.1855	0.243	1.054	0.013	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167
1'x65'x240'	1	1,852	S49602	FD041039-05	T	324.9 485.1 31						0.1855	0.243	1.054	0.013	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167
1'x65'x240'	1	1,852	S49602	FD041039-05	T	324.9 485.1 31						0.1855	0.243	1.054	0.013	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167

*** Sub Total(005) *** 14 26,528(Kg)

*** Condition of supply: As-rolled ***

Position - T:Top, M:Middle, B:Bottom
 Tensile test - Direction: Transverse, Gauge length: 200mm (Rectangular), YP Mid: 2 (0.2% off-net), 5 (0.5% underfoot), U (Upper yield point), L (Lower yield point)
 Division - P: Product analysis, L: Ladle analysis

Melting & manufactured in South Korea.
 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
 Signatures: *Kim*
 Chief of Pass Quality Team

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검사증명서
MILL TEST CERTIFICATE

1450 Taikooan-ro, Songsh-Eup, Daejeon-Si, Chungnam, Korea
 02-829-1400
 02-829-1401

주문번호 : E221000063
 Order No. : E221000063
 품명 : Hot Rolled Steel Plate
 Commodity : Hot Rolled Steel Plate
 제품규격 : A36(2019)/SA36(2019)/A709-36(2018)
 Specification : A36(2019)/SA36(2019)/A709-36(2018)
 고객사 : HYUNDAI CORPORATION (USA)
 Contractor : HYUNDAI CORPORATION (USA)
 증명서 번호 : 20221207-PS-0008-026
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제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test				화학성분 Chemical Composition(%)												
					YP (MPa)	TS (MPa)	EL (%)	RA (%)	YP Mid	C	Si	Mn	P	S	Cr	N	Al	Mo	Nb	Ti	V
1'x67'x240"	1	1,852	S49602	FD041028-05	324.9 495.1	31			U	0.1855	0.243	1.054	0.0131	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167
1'x67'x240"	1	1,852	S49602	FD041028-06	324.9 495.1	31			U	0.1855	0.243	1.054	0.0131	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167
1'x67'x240"	1	1,852	S49602	FD041028-02	324.9 495.1	31			U	0.1855	0.243	1.054	0.0131	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167
1'x67'x240"	1	1,852	S49602	FD041028-03	324.9 495.1	31			U	0.1855	0.243	1.054	0.0131	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167
1'x67'x240"	1	1,852	S49602	FD041028-04	324.9 495.1	31			U	0.1855	0.243	1.054	0.0131	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167
1'x67'x240"	1	1,852	S49602	FD041028-01	324.9 495.1	31			U	0.1855	0.243	1.054	0.0131	0.0035	0.02	0.01	0.012	0	0.002	0.001	2.167
*** Sub Total(KG) *** 14 25320(Kg)																					
*** Condition of supply: As-rolled ***																					

* Position - T:Top, M:Middle, B:Bottom
 * Tensile test - Direction: Transverse, Gauge length: 200mm (Rectangular), YP Mid : 2 (0.2% off-ant), S (0.5% underload), U (Upper yield point), L (Lower yield point)
 * Division - P:Product analysis, L:Ladle analysis

* Melled & manufactured in South Korea.
 * 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

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