



Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 240507-FP01PS-0048A1-0001
 Date of Issue/발행일자 : Jun., 11, 2024

Order No./계약번호 : 01S6795254

PO No./주문번호 : 16232

Commodity : HOT ROLLED STEEL PLATE
 /품명

Customer
 /고객사

Spec & Type : ASTM A36/SA36/A709-36
 /규격

Size/치수	Product No. /제품번호	Quantity /수량	Weight /중량 (kg) (lb)	Heat No. /재감번호	Country of Melt & Pour	Position	Tensile Test. /인장시험			Division	Chemical Composition/화학성분																		
							YP (N/mm)	TS (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)								
0.375"x96"x240"	PC23820501-0506	6	6,666 14,694	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001								
0.375"x96"x240"	PC23820601-0606	6	6,666 14,694	SB02314	KOR	T	323	480	27	P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001								
0.375"x96"x240"	PC23821701-1706	6	6,666 14,694	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001								
0.375"x96"x240"	PC23821801-1806	6	6,666 14,694	SB02314	KOR	T	323	480	27	P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001								
0.375"x96"x240"	PC23821901-1906	6	6,666 14,694	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001								
0.375"x96"x240"	PC23822001-2006	6	6,666 14,694	SB02314	KOR	T	323	480	27	P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001								
0.375"x96"x240"	PC23832801-2806	6	6,666 14,694	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001								
0.375"x96"x240"	PC23832901-2906	6	6,666 14,694	SB02314	KOR	T	323	480	27	P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001								
0.375"x96"x240"	PC23833001-3006	6	6,666 14,694	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001								
0.375"x96"x240"	PC23833101-3106	6	6,666 14,694	SB02314	KOR	T	323	480	27	P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001								
0.375"x96"x240"	PC23833501-3506	6	6,666 14,694	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001								
0.375"x96"x240"	PC23833601-3606	6	6,666 14,694	SB02314	KOR	T	323	480	27	P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001								
0.375"x96"x240"	PC23948201-8203	3	3,333 7,347	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001								
*** Sub.Total (010) ***		75	83,325 (kg) 183,675 (lb)							P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001								

* Position - T : Top, M : Middle, B : Bottom
 * Tensile Test. Direction : Transversal, Gauge Length : 200 mm (Rectangular),
 YP Method : 0.2 % off-set
 * Division - L : Ladle Analysis, P : Products Analysis
 * Supply Condition : As-Rolled unless otherwise Heat Treated.

This material has been fully killed and made by basic oxygen process. This material is fine grained steel.
 This material has been made by vacuum degassing process.
 Test Certificate is issued according to ISO 10474/EN 10204 3.1.
 We, POSCO, hereby certify that the products specified in the present MTC have been fully processed in South Korea. (Facility and address information is stated below)
 We hereby certify that the material herein has been made in accordance with the order and above specification.

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Surveyor To:

B.S. Kim



Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 240507-FP01PS-0048A1-0002
 Date of Issue/발행일자 : Jun., 11, 2024

Order No./계약번호 : 01S6795254

PO No./주문번호 : 16232

Customer
/고객사

Commodity : HOT-ROLLED STEEL PLATE
/품명
Spec & Type : ASTM A36/SA36/A709-36
/규격

QC Approved

Size/치수	Product No. /제품번호	Quantity /수량	Weight /중량 (kg) (lb)	Heat No. /제강번호	Country of Make & Pour	Position	Tensile Test /인장시험			Division	Chemical Composition/화학성분										
							YP (N/mm ²)	TS (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)
0.375"x96"x480"	PC23820701-0703	3	6,666 14,697	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001
0.375"x96"x480"	PC23820801-0803	3	6,666 14,697	SB02314	KOR	T	323	480	27	P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001
0.375"x96"x480"	PC23821201-1203	3	6,666 14,697	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001
0.375"x96"x480"	PC23821301-1303	3	6,666 14,697	SB02314	KOR	T	323	480	27	P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001
0.375"x96"x480"	PC23821401-1403	3	6,666 14,697	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001
0.375"x96"x480"	PC23821501-1503	3	6,666 14,697	SB02314	KOR	T	323	480	27	P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001
0.375"x96"x480"	PC23821601-1603	3	6,666 14,697	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001
0.375"x96"x480"	PC23833701-3703	3	6,666 14,697	SB02314	KOR	T	323	480	27	P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001
0.375"x96"x480"	PC23948001-8003	3	6,666 14,697	SB02314	KOR	T	323	480	27	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001
0.375"x96"x480"	PC23948101-8103	3	6,666 14,697	SB02314	KOR	T	323	480	27	P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001
*** Sub Total (020) ***		30	56,660 (kg)	146,970 (lb)																	
0.625"x96"x480"	PC23808902	1	3,703 8,164	SB02314	KOR	T	318	470	29	L	0.1684	0.225	0.858	0.0114	0.0060	0.039	0.017	0.027	0.003	0.002	0.001
*** Sub Total (060) ***		1	3,703 (kg)	8,164 (lb)						P	0.1688	0.225	0.836	0.0118	0.0063	0.042	0.017	0.025	0.005	0.001	0.001
*** Grade Total ***		108	153,688 (kg)	338,809 (lb)																	

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Surveyor To :

B.S. Kim





Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 240508-FP01PS-0037A1-0003
 Date of Issue/발행일자 : Jun., 11, 2024

Order No./계약번호 : 01S6795254

PO No./주문번호 : 16232

Customer
/고객사

Commodity : HOT ROLLED STEEL PLATE
/품명
Spec & Type : ASTM A36/SA36/A709-36
/규격

QC Approved

Size/치수	Product No. /제품번호	Quantity /수량	Weight /중량 (kg) (lb)	Heat No. /재강번호	Country of Melt & Pour	Position	Tensile Test /인장시험			Division	Chemical Composition/화학성분										
							YP (N/mm)	TS (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)
0.5"x96"x240"	PB94844301-4311	11	16,302	SB02779	KOR	T	329	474	31	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001
			35,937				P	0.1667	0.225		0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001		
0.5"x96"x240"	PB94844403-4411	9	13,338	SB02779	KOR	T	329	474	31	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001
			29,403				P	0.1667	0.225		0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001		
0.5"x96"x240"	PB94844501-4511	11	16,302	SB02779	KOR	T	329	474	31	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001
			35,937				P	0.1667	0.225		0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001		
0.5"x96"x240"	PB94844601-4603	3	4,446	SB02779	KOR	T	329	474	31	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001
			9,801				P	0.1667	0.225		0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001		
0.5"x96"x240"	PB94844606-4611	6	8,892	SB02779	KOR	T	329	474	31	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001
			19,602				P	0.1667	0.225		0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001		
*** Sub Total (03b) ***		40	59,280 (kg)	130,680 (lb)																	
0.625"x96"x240"	PB94843701-3709	9	18,658	SB02778	KOR	T	311	469	29	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001
			36,747				P	0.1726	0.232		0.851	0.0116	0.0042	0.043	0.014	0.014	0.006	0.001	0.001		
0.625"x96"x240"	PB94843805	1	1,852	SB02778	KOR	T	311	469	29	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001
			4,083				P	0.1726	0.232		0.851	0.0116	0.0042	0.043	0.014	0.014	0.006	0.001	0.001		
0.625"x96"x240"	PB94843902-3908	7	12,964	SB02778	KOR	T	311	469	29	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001
			28,581				P	0.1726	0.232		0.851	0.0116	0.0042	0.043	0.014	0.014	0.006	0.001	0.001		
0.625"x96"x240"	PB94891905	1	1,852	SB02778	KOR	T	311	469	29	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001
			4,083				P	0.1726	0.232		0.851	0.0116	0.0042	0.043	0.014	0.014	0.006	0.001	0.001		
*** Sub Total (05b) ***		18	33,336 (kg)	73,484 (lb)																	
0.625"x96"x480"	PB94843801	1	3,703	SB02778	KOR	T	311	469	29	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001
			8,164				P	0.1726	0.232		0.851	0.0116	0.0042	0.043	0.014	0.014	0.006	0.001	0.001		
0.625"x96"x480"	PB94843803-3804	2	7,409	SB02778	KOR	T	311	469	29	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001
			16,328				P	0.1726	0.232		0.851	0.0116	0.0042	0.043	0.014	0.014	0.006	0.001	0.001		
0.625"x96"x480"	PB94843901	1	3,703	SB02778	KOR	T	311	469	29	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001
			8,164				P	0.1726	0.232		0.851	0.0116	0.0042	0.043	0.014	0.014	0.006	0.001	0.001		

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Surveyor To :

B.S. Kiam





Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 240508-FP01PS-0037A1-0004

Date of Issue/발행일자 : Jun., 11, 2024

Order No./계약번호 : 01S6795254

PO No./주문번호 : 16232

Commodity / 품명 : HOT ROLLED STEEL PLATE

Spec & Type / 규격 : ASTM A36/SA36/A709-36

Customer / 고객사 : L

QC Approved

Size/치수	Product No./제품번호	Quantity/수량	Weight/중량 (kg) (lb)	Heat No./제강번호	Country of Mat & Pair	Position	Tensile Test/인장시험			Division	Chemical Composition/화학성분										
							YP (N/mm ²)	TS (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)
0.625"x96"x480"	PB94891903-1904	2	7,406	SB02778	KOR	T	311	469	29	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001
*** Sub Total (06) ***		6	22,218 (kg)	48,984 (lb)						P	0.1726	0.232	0.851	0.0118	0.0042	0.043	0.014	0.014	0.006	0.001	0.001
1"x96"x240"	PB94898001	1	2,963	SB02794	KOR	T	284	461	31	L	0.1661	0.237	0.844	0.0107	0.0044	0.031	0.018	0.030	0.002	0.001	0.001
*** Sub Total (11) ***		1	2,963 (kg)	6,532 (lb)						P	0.1687	0.241	0.853	0.0113	0.0041	0.033	0.018	0.030	0.005	0.000	0.001
1"x96"x480"	PB94840801-0802	2	11,852	SB02780	KOR	T	291	459	30	L	0.1686	0.220	0.859	0.0141	0.0041	0.049	0.013	0.014	0.005	0.001	0.002
1"x96"x480"	PB94840901-0902	2	11,852	SB02780	KOR	T	291	459	30	P	0.1702	0.222	0.857	0.0136	0.0043	0.049	0.013	0.014	0.006	0.001	0.001
1"x96"x480"	PB94841301-1302	2	11,852	SB02780	KOR	T	291	459	30	L	0.1686	0.220	0.859	0.0141	0.0041	0.049	0.013	0.014	0.005	0.001	0.002
1"x96"x480"	PB94841401-1402	2	11,852	SB02780	KOR	T	291	459	30	P	0.1702	0.222	0.857	0.0136	0.0043	0.049	0.013	0.014	0.006	0.001	0.001
1"x96"x480"	PB94841501-1502	2	11,852	SB02780	KOR	T	291	459	30	L	0.1686	0.220	0.859	0.0141	0.0041	0.049	0.013	0.014	0.005	0.001	0.002
*** Sub-Total (12) ***		10	59,280 (kg)	130,640 (lb)						P	0.1702	0.222	0.857	0.0136	0.0043	0.049	0.013	0.014	0.006	0.001	0.001
1"x120"x480"	PB94847501-7502	2	14,820	SB02794	KOR	T	284	461	31	L	0.1661	0.237	0.844	0.0107	0.0044	0.031	0.018	0.030	0.002	0.001	0.001
1"x120"x480"	PB94847601-7602	2	14,820	SB02794	KOR	T	284	461	31	P	0.1687	0.241	0.853	0.0113	0.0041	0.033	0.018	0.030	0.005	0.000	0.001
1"x120"x480"	PB94847701	1	7,410	SB02794	KOR	T	284	461	31	L	0.1661	0.237	0.844	0.0107	0.0044	0.031	0.018	0.030	0.002	0.001	0.001
*** Sub Total (13) ***		5	37,050 (kg)	81,680 (lb)						P	0.1687	0.241	0.853	0.0113	0.0041	0.033	0.018	0.030	0.005	0.000	0.001
*** Grade Total ***		80	214,107 (kg)	472,010 (lb)																	

* Position - T : Top, M : Middle, B : Bottom
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 * Division - L : Ladle Analysis, P : Products Analysis
 * Supply Condition : As-Rolled unless otherwise Heat Treated.

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Surveyor To :

B.S. Kim





Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 240509-FP01PS-0009A1-0005
 Date of Issue/발행일자 : Jun., 11, 2024

Order No./계약번호 : 01S6795254

PO No./주문번호 : 16232

Commodity : HOT ROLLED STEEL PLATE
 /품명

Customer
 /고객사

Spec & Type : ASTM A36/SA36/A709-36
 /규격

QC Approved

Size/치수	Product No. /제품번호	Quantity /수량	Weight /중량 (kg) (lb)	Heat No. /제강번호	Country of Origin	Position	Tensile Test /인장시험			Chemical Composition/화합성분													
							YP (N/mm)	TS (%)	EL (%)	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)			
0.5"x96"x240"	PB94844401-4402	2	2,964 6,534	SB02779	KOR	T	329	474	31	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001	0.001	0.001
0.5"x96"x240"	PB94844604-4605	2	2,964 6,534	SB02779	KOR	T	329	474	31	P	0.1667	0.225	0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001	0.001	0.001
*** Sub Total (030) ***		4	5,928 (kg) 13,068 (lb)																				
0.625"x96"x480"	PB94891901-1902	2	7,406 16,328	SB02778	KOR	T	311	459	29	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001	0.001	0.001
*** Sub Total (060) ***		2	7,406 (kg) 16,328 (lb)							P	0.1726	0.232	0.851	0.0116	0.0042	0.043	0.014	0.014	0.006	0.001	0.001	0.001	0.001
0.75"x120"x480"	PB94845501-5503	3	16,885 36,738	SB02778	KOR	T	291	463	28	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001	0.001	0.001
0.75"x120"x480"	PB94845601-5603	3	16,885 36,738	SB02778	KOR	T	291	463	28	P	0.1726	0.232	0.851	0.0116	0.0042	0.043	0.014	0.014	0.006	0.001	0.001	0.001	0.001
0.75"x120"x480"	PB94886701-6703	3	16,665 36,738	SB02778	KOR	T	291	463	28	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001	0.001	0.001
*** Sub Total (090) ***		9	49,995 (kg) 110,218 (lb)							P	0.1726	0.232	0.851	0.0116	0.0042	0.043	0.014	0.014	0.006	0.001	0.001	0.001	0.001
1"x120"x480"	PB94847702	1	7,410 16,336	SB02794	KOR	T	284	461	31	L	0.1661	0.237	0.844	0.0107	0.0044	0.031	0.018	0.030	0.002	0.001	0.001	0.001	0.001
1"x120"x480"	PB94846401-6402	2	14,820 32,672	SB02797	KOR	T	302	462	32	P	0.1687	0.241	0.853	0.0113	0.0041	0.033	0.018	0.030	0.005	0.000	0.001	0.001	0.001
*** Sub Total (130) ***		3	22,230 (kg) 49,006 (lb)							L	0.1689	0.231	0.844	0.0126	0.0039	0.036	0.019	0.024	0.003	0.000	0.001	0.001	0.001
*** Grade Total ***		18	85,559 (kg) 188,618 (lb)							P	0.1726	0.237	0.849	0.0124	0.0043	0.037	0.019	0.025	0.006	0.001	0.001	0.001	0.001

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 * Tensile Test. Direction : Transversal, Gauge Length : 200 mm (Rectangular),
 YP Method : 0.2 % off-set
 * Division - L : Ladle Analysis, P : Products Analysis
 * Supply Condition : As-Rolled unless otherwise Heat Treated.

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 +82-2-3457-0114

B.S. Kim





Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 240513-FP01PS-0027A1-0006
 Date of Issue/발행일자 : Jun., 11, 2024

Order No./계약번호 : 01S6795254

PO No./주문번호 : 16232

Customer
/고객사

Commodity : HOT ROLLED STEEL PLATE
/품명
Spec & Type : ASTM A36/SA36/A709-36
/규격

QC Approved

Size/치수	Product No. 제품번호	Quantity 수량	Weight 중량 (kg) (lb)	Heat No. 재간번호	Country of Mill & Pour	Position	Tensile Test 인장시험			Division	Chemical Composition/화학성분										
							YP (N/mm ²)	TS (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)
0.5"x96"x240"	PB94891005-1010	6	8,892 19,602	SB02780	KOR	T	327	477	28	L	0.1686	0.220	0.859	0.0141	0.0041	0.049	0.013	0.014	0.005	0.001	0.002
*** Sub Total (03) ***		6	8,892 (kg) 19,602 (lb)	19,602 (lb)						P	0.1655	0.215	0.840	0.0134	0.0037	0.048	0.013	0.013	0.009	0.000	0.000
0.5"x96"x480"	PB94890901-0905	5	14,815 32,660	SB02780	KOR	T	327	477	28	L	0.1688	0.220	0.858	0.0141	0.0041	0.049	0.013	0.014	0.005	0.001	0.002
0.5"x96"x480"	PB94890801-0806	5	14,815 32,660	SB02784	KOR	T	318	487	28	L	0.1661	0.237	0.844	0.0107	0.0044	0.031	0.018	0.030	0.002	0.001	0.001
*** Sub Total (04) ***		10	29,630 (kg) 65,320 (lb)	65,320 (lb)						P	0.1656	0.236	0.826	0.0103	0.0041	0.032	0.017	0.029	0.009	0.001	0.001
0.825"x96"x480"	PB94843802	1	3,703 8,164	SB02778	KOR	T	311	469	29	L	0.1720	0.235	0.850	0.0105	0.0044	0.048	0.014	0.013	0.005	0.001	0.001
*** Sub Total (06) ***		1	3,703 (kg) 8,164 (lb)	8,164 (lb)						P	0.1726	0.232	0.851	0.0116	0.0042	0.043	0.014	0.014	0.006	0.001	0.001
0.75"x96"x240"	PB94892804	1	2,222 4,899	SB02779	KOR	T	309	466	29	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001
0.75"x96"x240"	PB94892904	1	2,222 4,899	SB02779	KOR	T	309	466	29	P	0.1667	0.225	0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001
0.75"x96"x240"	PB94893001-3007	7	15,554 34,293	SB02779	KOR	T	309	466	29	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001
0.75"x96"x240"	PB94893101-3107	7	15,554 34,293	SB02779	KOR	T	309	466	29	P	0.1667	0.225	0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001
0.75"x96"x240"	PB94893201-3207	7	15,554 34,293	SB02779	KOR	T	309	466	29	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001
0.75"x96"x240"	PB94893301-3307	7	15,554 34,293	SB02779	KOR	T	309	466	29	P	0.1667	0.225	0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001
0.75"x96"x240"	PB94894004	1	2,222 4,899	SB02779	KOR	T	309	466	29	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001
										P	0.1667	0.225	0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001

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 YP Method : 0.2 % off-set
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Surveyor To :

B. S. Kim





Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 240513-FP01PS-0027A1-0007
 Date of Issue/발행일자 : Jun., 11, 2024

Order No./계약번호 : 01S6795254

PO No./주문번호 : 16232

Customer
/고객사

Commodity : HOT ROLLED STEEL PLATE
/품명
Spec & Type : ASTM A36/SA36/A709-36
/규격

QC Approved

Size/치수	Product No. /제품번호	Quantity /수량	Weight (중량) (kg) (lb)	Heat No. /재강번호	Country of Mill & Pour	Position	Tensile Test /인장시험			Division	Chemical Composition/화학적분												
							YP (N/mm ²)	TS (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)		
0.75"x96"x240"	PB94894104	1	2,222 4,899	SB02779	KOR	T	309	466	29	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001		
0.75"x96"x240"	PB94893401-3407	7	15,554 34,293	SB02780	KOR	T	313	464	31	P	0.1667	0.225	0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001		
0.75"x96"x240"	PB94893704	1	2,222 4,899	SB02780	KOR	T	313	464	31	L	0.1686	0.220	0.859	0.0141	0.0041	0.049	0.013	0.014	0.005	0.001	0.002		
0.75"x96"x240"	PB94893501-3507	7	15,554 34,293	SB02790	KOR	T	310	456	30	P	0.1655	0.215	0.840	0.0134	0.0037	0.048	0.013	0.014	0.005	0.001	0.000		
0.75"x96"x240"	PB94893601-3607	7	15,554 34,293	SB02790	KOR	T	310	456	30	L	0.1686	0.220	0.859	0.0141	0.0041	0.049	0.013	0.014	0.005	0.001	0.000		
0.75"x96"x240"	PB94893801-3807	7	15,554 34,293	SB02790	KOR	T	310	456	30	L	0.1655	0.215	0.840	0.0134	0.0037	0.048	0.013	0.014	0.005	0.001	0.000		
0.75"x96"x240"	PB94893901-3907	7	15,554 34,293	SB02790	KOR	T	310	456	30	P	0.1587	0.248	0.859	0.0103	0.0042	0.038	0.013	0.012	0.004	0.001	0.001		
0.75"x96"x240"	PB94894001-4003	3	13,329 29,385	SB02779	KOR	T	309	466	29	L	0.1624	0.235	0.853	0.0108	0.0045	0.039	0.014	0.011	0.010	0.001	0.001		
0.75"x96"x240"	PB94894101-4103	3	13,329 29,385	SB02779	KOR	T	309	466	29	L	0.1587	0.248	0.859	0.0103	0.0042	0.038	0.013	0.012	0.004	0.001	0.001		
0.75"x96"x240"	PB94893701-3703	3	13,329 29,385	SB02780	KOR	T	313	464	31	L	0.1624	0.235	0.853	0.0108	0.0045	0.039	0.014	0.011	0.010	0.001	0.001		
*** Sub Total (070) ***		75	166,650 (kg) 367,425 (lb)							P	0.1587	0.248	0.859	0.0103	0.0042	0.038	0.013	0.012	0.004	0.001	0.001		
0.75"x96"x480"	PB94892801-2803	3	13,329 29,385	SB02779	KOR	T	309	466	29	L	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001		
0.75"x96"x480"	PB94892901-2903	3	13,329 29,385	SB02779	KOR	T	309	466	29	P	0.1667	0.225	0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001		
0.75"x96"x480"	PB94894001-4003	3	13,329 29,385	SB02779	KOR	T	309	466	29	L	0.1687	0.225	0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001		
0.75"x96"x480"	PB94894101-4103	3	13,329 29,385	SB02779	KOR	T	309	466	29	P	0.1684	0.221	0.851	0.0121	0.0035	0.035	0.013	0.014	0.006	0.001	0.001		
0.75"x96"x480"	PB94893701-3703	3	13,329 29,385	SB02780	KOR	T	313	464	31	L	0.1667	0.225	0.852	0.0123	0.0038	0.034	0.013	0.015	0.007	0.001	0.001		
										P	0.1686	0.220	0.859	0.0141	0.0041	0.049	0.013	0.014	0.005	0.001	0.002		
										P	0.1655	0.215	0.840	0.0134	0.0037	0.048	0.013	0.013	0.009	0.000	0.000		

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Surveyor To :

B.S. Kim





Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 240513-FP01PS-0027A1-0008

Date of Issue/발행일자 : Jun., 11, 2024

Order No./계약번호 : 01S6795254

PO No./주문번호 : 16232

Commodity : HOT ROLLED STEEL PLATE
 /품명

Customer
 /고객사

Spec & Type : ASTM A36/SA36/A709-36
 /규격

QC Approved

Size/치수	Product No. /재품번호	Quantity /수량	Weight /중량 (kg) (lb)	Heat No. /재강번호	Country of Mill & Pour Position	Tensile Test /인장시험			Division	Chemical Composition/화학적성분														
						YP (N/mm ²)	TS (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)				
*** Sub Total (080) ***		15	66,045 (kg)	146,926 (lb)																				
0.875"x96"x240"	PB94894903-4906	4	10,372 22,864	SB02780	KOR	T	310	459	32	L	0.1686	0.220	0.859	0.0141	0.0041	0.049	0.013	0.014	0.005	0.001	0.002			
0.875"x96"x240"	PB94894801-4806	6	15,558 34,296	SB02790	KOR	T	308	453	31	L	0.1587	0.248	0.859	0.0103	0.0042	0.038	0.013	0.014	0.006	0.001	0.001			
*** Sub Total (100) ***		10	25,930 (kg)	57,180 (lb)						P	0.1571	0.242	0.860	0.0103	0.0041	0.038	0.014	0.012	0.006	0.001	0.001			
1"x96"x240"	PB94895801-5805	5	14,815 32,660	SB02790	KOR	T	310	454	33	L	0.1587	0.248	0.859	0.0103	0.0042	0.038	0.013	0.012	0.004	0.001	0.001			
1"x96"x240"	PB94896001-6005	5	14,815 32,660	SB02790	KOR	T	310	454	33	P	0.1571	0.242	0.860	0.0103	0.0041	0.038	0.014	0.012	0.006	0.001	0.001			
1"x96"x240"	PB94896301-6305	5	14,815 32,660	SB02790	KOR	T	310	454	33	L	0.1587	0.248	0.859	0.0103	0.0042	0.038	0.013	0.012	0.004	0.001	0.001			
1"x96"x240"	PB94896401-6405	5	14,815 32,660	SB02790	KOR	T	310	454	33	P	0.1571	0.242	0.860	0.0103	0.0041	0.038	0.014	0.012	0.006	0.001	0.001			
1"x96"x240"	PB94896701-6705	5	14,815 32,660	SB02790	KOR	T	310	454	33	L	0.1587	0.248	0.859	0.0103	0.0042	0.038	0.013	0.012	0.004	0.001	0.001			
1"x96"x240"	PB94897001-7005	5	14,815 32,660	SB02790	KOR	T	310	454	33	P	0.1571	0.242	0.860	0.0103	0.0041	0.038	0.014	0.012	0.006	0.001	0.001			
1"x96"x240"	PB94897101-7105	5	14,815 32,660	SB02790	KOR	T	310	454	33	L	0.1587	0.248	0.859	0.0103	0.0042	0.038	0.013	0.012	0.004	0.001	0.001			
1"x96"x240"	PB94897301-7305	5	14,815 32,660	SB02790	KOR	T	310	454	33	P	0.1571	0.242	0.860	0.0103	0.0041	0.038	0.014	0.012	0.006	0.001	0.001			
1"x96"x240"	PB94897401-7405	5	14,815 32,660	SB02790	KOR	T	310	454	33	L	0.1587	0.248	0.859	0.0103	0.0042	0.038	0.013	0.012	0.004	0.001	0.001			
1"x96"x240"	PB94898401-8405	5	14,815 32,660	SB02790	KOR	T	310	454	33	P	0.1571	0.242	0.860	0.0103	0.0041	0.038	0.014	0.012	0.006	0.001	0.001			

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Surveyor To :

B.S. Kim





Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 240513-FP01PS-0027A1-0009

Date of Issue/발행일자 : Jun., 11, 2024

Order No./계약번호 : 01S6795254

PO No./주문번호 : 16232

Commodity : HOT ROLLED STEEL PLATE
 /품명

Customer
 /고객사

Spec & Type : ASTM A36/SA36/A709-36
 /규격



Size/치수	Product No. /제품번호	Quantity /수량	Weight /중량 (kg) (lb)	Heat No. /제강번호	Country of Melt & Pour	Position	Tensile Test /인장시험			Division	Chemical Composition/화합성분											
							YP (N/mm ²)	TS (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)	
1"x96"x240"	PB94898504-8505	2	5,926 13,064	SB02790	KOR	T	310	454	33	L	0.1587	0.248	0.859	0.0103	0.0042	0.038	0.013	0.012	0.004	0.001	0.001	
1"x96"x240"	PB94898601-8605	5	14,815 32,660	SB02790	KOR	T	310	454	33	P	0.1671	0.242	0.860	0.0103	0.0041	0.038	0.014	0.012	0.008	0.001	0.001	
1"x96"x240"	PB94898701-8705	5	14,815 32,660	SB02790	KOR	T	310	454	33	L	0.1587	0.248	0.859	0.0103	0.0042	0.038	0.013	0.012	0.004	0.001	0.001	
*** Sub Total (110) ***		62	183,706 (kg)	404,984 (lb)						P	0.1571	0.242	0.860	0.0103	0.0041	0.038	0.014	0.012	0.006	0.001	0.001	
*** Grade Total ***		179	485,156 (kg)	1,069,580 (lb)																		

* Position - T : Top, M : Middle, B : Bottom
 * Tensile Test Direction : Transversal, Gauge Length : 200 mm(Rectangular),
 YP Method : 0.2 % off-set
 * Division - L : Ladle Analysis, P : Products Analysis
 * Supply Condition : As-Rolled unless otherwise Heat Treated.

This material has been fully killed and made by basic oxygen process. This material is fine grained steel.
 This material has been made by vacuum degassing process.
 Test Certificate is issued according to ISO 10474/EN 10204 3.1.
 We, POSCO, hereby certify that the products specified in the present MTC have been fully processed in South Korea. (Facility and address information is stated below)
 We hereby certify that the material herein has been made in accordance with the order and above specification.

Legal sanction can be imposed on forging. Improper use of product can cause safety issues.

poscomtc@posco.com
 +82-2-3457-0114

Surveyor To :

B.S. Kim





Mill Test Certificate/검사증명서

Certificate No./증명서번호 : 240517-FP01PS-0016A1-0010

Date of Issue/발행일자 : Jun., 11, 2024

QC Approved

Order No./계약번호 : 01S6795254

PO No./주문번호 : 16232

Commodity /품명 : HOT ROLLED STEEL PLATE

Customer

Spec & Type : ASTM A36/SA36/A709-36

/고객사

Size/치수	Product No. /재품번호	Quantity /수량	Weight /중량 (kg) (lb)	Heat No. /재강번호	Country of Melt & Pour	Position	Tensile Test /인장시험			Division	Chemical Composition/화학성분											
							YP (N/mm ²)	TS (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)	
1"x120"x480"	PB95211502	1	7,410 16,336	SB02776	KOR	T	296	462	32	L	0.1640	0.241	0.838	0.0122	0.0036	0.030	0.018	0.025	0.005	0.001	0.002	
*** Sub Total (130) ***		1	7,410 (kg) 16,336 (lb)							P	0.1633	0.236	0.858	0.0121	0.0038	0.032	0.017	0.022	0.009	0.002	0.001	
*** Grade Total ***		1	7,410 (kg)	16,336 (lb)																		
*** Grand Total ***		384	945,920 (kg)	2,085,353 (lb)																		
*** Last Item ***																						

* Position - T : Top, M : Middle, B : Bottom
 * Tensile Test Direction : Transversal, Gauge Length : 200 mm (Rectangular), YP Method : 0.2 % off-set
 * Division - L : Ladle Analysis, P : Products Analysis
 * Supply Condition : As-Rolled, unless otherwise Heat Treated.

This material has been fully killed and made by basic oxygen process. This material is fine grained steel.
 This material has been made by vacuum degassing process.
 Test Certificate is issued according to ISO 10474/EN 10204 3.1.
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