

Certificate No. : 230330-FP01KS-0006A1-0006
Date of issue : Apr., 18, 2023

Mill Test Certificate

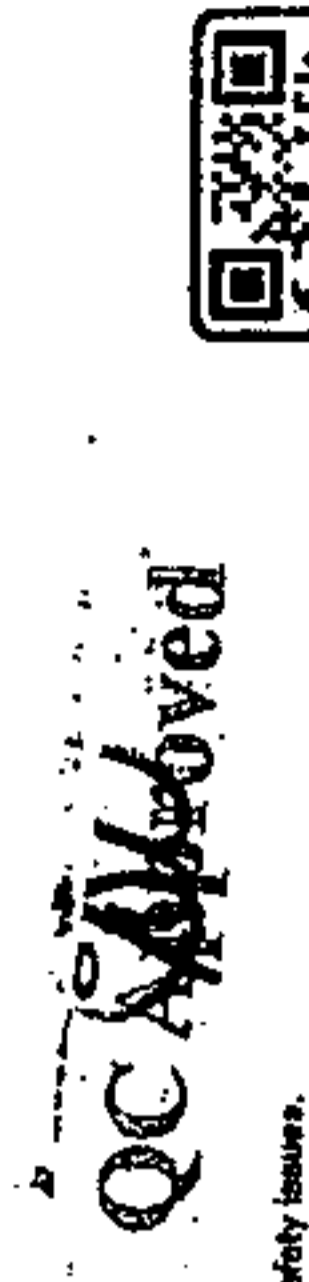


PO No. : 15901
Commodity : HOT ROLLED STEEL PLATE
Spec & Type : ASTM A36/SA36/A709-36 (MN CONTENT 0.8-1.2)

Size	Product No.	Quantity	Weight (kg) (lb)	Heat No.	Country of Melt & Pour	Position	Tensile Test YP TS EL (N/mm ²) (%) (%)	Chemical Composition													
								C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)			
*** Sub Total (070) ***		160	355,520 (kg) 783,640 (lb)					0.1414	0.211	0.993	0.0162	0.0034	0.016	0.008	0.012	0.001	0.001	0.001	0.001	0.001	0.001
0.75"x96"x480"	PP34931401-1404	4	17,772 (kg) 39,180 (lb)	SU99991	KOR	T	304 458 28	0.1484	0.213	0.980	0.0166	0.0035	0.016	0.008	0.012	0.001	0.001	0.001	0.001	0.001	0.001
0.75"x96"x480"	PP34931201-1204	4	17,772 (kg) 39,180 (lb)	SU99995	KOR	T	310 465 27	0.1500	0.214	1.012	0.0131	0.0025	0.021	0.007	0.018	0.003	0.002	0.001	0.001	0.001	0.001
0.75"x96"x480"	PP34931501-1504	4	17,772 (kg) 39,180 (lb)	SU99996	KOR	T	310 465 27	0.1508	0.218	1.011	0.0122	0.0028	0.021	0.009	0.018	0.003	0.001	0.001	0.001	0.001	0.001
0.75"x96"x480"	PP34931801-1804	4	17,772 (kg) 39,180 (lb)	SU99995	KOR	T	310 465 27	0.1508	0.218	1.011	0.0122	0.0028	0.021	0.007	0.018	0.003	0.001	0.001	0.001	0.001	0.001
0.75"x96"x480"	PP34931701-1704	4	17,772 (kg) 39,180 (lb)	SU99995	KOR	T	310 465 27	0.1508	0.218	1.011	0.0122	0.0028	0.021	0.009	0.018	0.003	0.001	0.001	0.001	0.001	0.001
*** Sub Total (080) ***		20	88,860 (kg) 195,900 (lb)					0.1453	0.225	0.970	0.0123	0.0034	0.025	0.012	0.029	0.002	0.001	0.001	0.001	0.001	0.001
0.75"x120"x480"	PP34934201-4204	4	22,220 (kg) 48,994 (lb)	SU99997	KOR	T	301 457 28	0.1475	0.204	0.995	0.0133	0.0028	0.021	0.018	0.020	0.006	0.000	0.000	0.000	0.000	0.000
0.75"x120"x480"	PP35201901-1902	2	11,110 (kg) 24,492 (lb)	SU99960	KOR	T	295 452 31	0.1442	0.220	0.973	0.0114	0.0030	0.023	0.011	0.028	0.003	0.000	0.000	0.000	0.000	0.000
0.75"x120"x480"	PP35202001-2004	4	22,220 (kg) 48,984 (lb)	SU99990	KOR	T	295 452 31	0.1442	0.220	0.973	0.0114	0.0030	0.023	0.011	0.028	0.003	0.000	0.000	0.000	0.000	0.000
*** Sub Total (090) ***		10	55,550 (kg) 122,460 (lb)					0.1453	0.225	0.970	0.0123	0.0034	0.025	0.012	0.029	0.002	0.001	0.001	0.001	0.001	0.001
1"x96"x240"	PP34857501-7507	7	20,741 (kg) 45,724 (lb)	SU99211	KOR	T	309 467 32	0.1454	0.255	1.080	0.0110	0.0026	0.018	0.007	0.015	0.001	0.001	0.001	0.001	0.001	0.001
1"x96"x240"	PP34924001-4008	8	23,704 (kg) 52,266 (lb)	SU99961	KOR	T	302 462 29	0.1541	0.252	1.063	0.0107	0.0028	0.018	0.008	0.015	0.001	0.000	0.000	0.000	0.000	0.000
1"x96"x240"	PP34823801-3802	2	5,928 (kg) 13,064 (lb)	SU99965	KOR	T	307 467 30	0.1440	0.239	1.058	0.0128	0.0034	0.024	0.009	0.025	0.002	0.000	0.000	0.000	0.000	0.000
		2	5,928 (kg) 13,064 (lb)	SU99965	KOR	T	307 467 30	0.1533	0.246	1.110	0.0156	0.0037	0.027	0.015	0.016	0.003	0.001	0.001	0.001	0.001	0.001
		2	5,928 (kg) 13,064 (lb)	SU99965	KOR	T	307 467 30	0.1517	0.248	1.105	0.0145	0.0036	0.027	0.014	0.015	0.002	0.001	0.001	0.001	0.001	0.001

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.
No repair welding was performed to the products. Test Certificate is issued according to ISO 10474/FEN 10204 3.1.
We hereby certify that the material herein has been manufactured in accordance with the order and above specification.

*** Test Direction : Transverse, Gauge Length : 200 mm (Rectangular).
*** Method : 0.2 % offset
*** M - L : Ladle Analysis, P : Products Analysis
*** Condition : As-Rolled unless otherwise Heat Treated.



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

Surveyor To:
Park, Junyoung
Gwangyang Works, 20-26, Pokposarang-gil, Gwangyang-si, Jeollanam-do, 57807, Korea

POSCO
Chief of material testing section