



Mill Test Certificate

Certificate No. : 220115-FH01KS-0020A1-0001

Date of Issue : Jan., 21, 2022

Order No. : 01S5373869

PO No. : 2202-25.335

Supplier : POSCO INTERNATIONAL CORPORATION

Commodity : HR COIL ^(25,335)

Customer : SUNBELT GROUP

Spec & Type : ASTM A36

Size	Product No.	Quantity	Weight (kg) (lb)	Heat No.	Country of Melt & Pour	Position	Tensile Test			Division	Chemical Composition											
							YP (MPa)	TS (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)	So-Al (%)
4.64x1219xC	HQA050440	1	18,410 40,586	SQ87906	KOR	B	284	450	30	L	0.1480	0.003	0.720	0.0135	0.0043	0.020	0.011	0.026	0.002	0.002	0.001	0.021
4.64x1219xC	HQA050470	1	19,160 42,240	SQ87911	KOR	B	308	463	30	P	0.1460	0.006		0.0139	0.0048	0.020	0.012	0.023	0.002	0.001	0.001	0.019
4.64x1219xC	HQA050480	1	19,650 43,320	SQ87911	KOR	B	308	463	30	L	0.1504	0.006	0.715	0.0115	0.0039	0.017	0.011	0.020	0.003	0.001	0.001	0.031
4.64x1219xC	HQA050480	1	19,650 43,320	SQ87911	KOR	B	308	463	30	P	0.1457	0.006		0.0121	0.0043	0.017	0.012	0.019	0.003	0.000	0.000	0.030
4.64x1219xC	HQA050450	1	19,830 43,717	SQ87911	KOR	B	296	454	30	L	0.1504	0.006	0.715	0.0115	0.0039	0.017	0.011	0.020	0.003	0.001	0.001	0.031
4.64x1219xC	HQA050460	1	19,180 42,284	SQ87911	KOR	B	296	454	30	P	0.1457	0.006		0.0121	0.0043	0.017	0.012	0.019	0.003	0.000	0.000	0.030
*** Sub Total (030) ***		5	96,230 (kg) 212,147 (lb)																			
4.64x1842xC	HTA031760	1	20,570 45,348	SU79503	KOR	B	327	472	34	L	0.1533	0.006	0.701	0.0150	0.0044	0.018	0.014	0.040	0.001	0.000	0.001	0.020
4.64x1842xC	HTA031670	1	20,660 45,547	SU79503	KOR	B	325	469	32	P	0.1542	0.009		0.0142	0.0049	0.018	0.014	0.041	0.002	0.000	0.001	0.020
4.64x1842xC	HTA031750	1	20,140 44,400	SU79503	KOR	B	325	469	32	L	0.1533	0.006	0.701	0.0150	0.0044	0.018	0.014	0.040	0.001	0.000	0.001	0.020
4.64x1842xC	HTA0316501	1	17,570 38,735	SU79504	KOR	B	286	451	31	P	0.1542	0.009		0.0142	0.0049	0.018	0.014	0.041	0.002	0.000	0.001	0.021
4.64x1842xC	HTA031660	1	20,560 45,326	SU79504	KOR	B	289	459	30	L	0.1477	0.006	0.706	0.0119	0.0032	0.022	0.011	0.017	0.001	0.000	0.001	0.022
4.64x1842xC	HTA031690	1	18,130 39,969	SU79504	KOR	B	289	459	30	P	0.1448	0.009		0.0112	0.0031	0.021	0.011	0.016	0.001	0.000	0.000	0.023
4.64x1842xC	HTA031710	1	20,480 45,150	SU79505	KOR	B	285	462	33	L	0.1477	0.006	0.706	0.0119	0.0032	0.022	0.011	0.017	0.001	0.000	0.001	0.022
										P	0.1448	0.009		0.0112	0.0031	0.021	0.011	0.016	0.001	0.000	0.000	0.023
										L	0.1521	0.005	0.707	0.0116	0.0040	0.020	0.012	0.026	0.001	0.000	0.001	0.024
										P	0.1499	0.008		0.0106	0.0045	0.020	0.011	0.024	0.001	0.000	0.001	0.025

* Position - T : Top, M : Middle, B : Bottom
 * Tensile Test. Direction : Transversal, Gauge Length : 50 mm(Rectangular),
 YP Method : Upper Point
 * Division - L : Ladle Analysis, P : Products Analysis

P.O. # P0233924-01
 3/16" 48 x 96
 HEAT # SQ 87906

We hereby certify that the material herein has been made in accordance with the order and is fully in compliance.
 This material has been fully killed and made by basic oxygen process.
 Test Certificate is issued according to ISO 10474/EN 10204 3.1.

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

Surveyor To :

Park, Junyoung