



# Mill Test Certificate

Certificate No. : 230422-FH01KS-0023A1-0005  
Date of Issue : May., 02, 2023

Order No. : 01S6033869

PO No. : 2304-25.770  
(25.770)

Supplier : POSCO INTERNATIONAL CORPORATION

Commodity : HR COIL

Spec & Type : ASTM A36

Size	Product No.	Quantity	Weight (kg) (lb)	Heat No.	Country of Melt & Pour	Position	Tensile Test		Division	Chemical Composition														
							YP (%)	TS (%)		EL (%)	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)	Sol-AI (%)		
6.34x1524x	HQQ121050	1	20,580 (45,370)	SQ23492	KOR	B	282	454	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024	0.000	0.021
6.34x1524x	HQQ121090	1	20,460 (45,106)	SQ23492	KOR	B	282	454	33	P	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024	0.000	0.021
6.34x1524x	HQQ121100	1	20,470 (45,128)	SQ23492	KOR	B	282	454	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024	0.000	0.021
6.34x1524x	HQQ120980	1	20,440 (45,062)	SQ23492	KOR	B	288	449	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024	0.000	0.021
6.34x1524x	HQQ121000	1	20,360 (44,885)	SQ23492	KOR	B	288	449	33	P	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024	0.000	0.021
6.34x1524x	HQQ121020	1	20,600 (45,415)	SQ23492	KOR	B	288	449	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024	0.000	0.021
6.34x1524x	HQQ121040	1	20,480 (45,150)	SQ23492	KOR	B	288	449	33	P	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024	0.000	0.021
6.34x1524x	HQQ121060	1	20,040 (44,180)	SQ23492	KOR	B	288	449	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024	0.000	0.021
6.34x1524x	HQQ121070	1	19,490 (42,967)	SQ23492	KOR	B	288	449	33	P	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024	0.000	0.021
6.34x1524x	HQQ121080	1	20,480 (45,150)	SQ23492	KOR	B	288	449	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024	0.000	0.021
*** Sub Total (050) ***		13	264,810 (583,797)	583,797						P	0.1405	0.006	0.0110	0.0030	0.017	0.009	0.013	0.003	0.001	0.000	0.002	0.024	0.000	0.021
6.37x1829x	HTO062490	1	20,300 (44,753)	SU99227	KOR	B	288	451	31	L	0.1438	0.007	0.683	0.0086	0.0035	0.015	0.011	0.026	0.003	0.000	0.000	0.000	0.000	0.023
6.37x1829x	HTO062500	1	20,760 (45,767)	SU99227	KOR	B	288	451	31	L	0.1438	0.007	0.683	0.0086	0.0035	0.015	0.011	0.026	0.003	0.000	0.000	0.000	0.000	0.023
*** Sub Total (050) ***		13	264,810 (583,797)	583,797						P	0.1449	0.007	0.0095	0.0033	0.015	0.011	0.027	0.003	0.000	0.000	0.000	0.000	0.000	0.023

\* 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.# P0243369-06  
114" 60x120  
HEAT# SQ23492

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

