



Mill Test Certificate

Certificate No. : 230422-FH01KS-0023A1-0003
Date of Issue : May., 02, 2023

Order No. : 01S6033869
Supplier : POSCO INTERNATIONAL CORPORATION
PO No. : 2304-25.770 (25.770)
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-Al (%)			
4.79x1829xC	HTQ062640	1	20,490 45,172	SU99228	KOR	B	284	438	30	L	0.1401	0.005	0.683	0.0092	0.0032	0.016	0.013	0.028	0.005	0.000	0.000	0.022			
4.79x1829xC	HTQ062660	1	20,400 44,974	SU99228	KOR	B	284	438	30	P	0.1414	0.005	0.683	0.0092	0.0034	0.016	0.012	0.027	0.004	0.000	0.000	0.023			
4.79x1829xC	HTQ062630	1	20,390 44,952	SU99229	KOR	B	293	462	31	P	0.1414	0.005	0.683	0.0092	0.0034	0.016	0.012	0.027	0.004	0.000	0.000	0.022			
4.79x1829xC	HTQ062670	1	20,520 45,238	SU99229	KOR	B	293	462	31	P	0.1502	0.006	0.701	0.0084	0.0049	0.019	0.019	0.026	0.006	0.000	0.000	0.024			
4.79x1829xC	HTQ062680	1	20,160 44,445	SU99229	KOR	B	306	476	27	P	0.1502	0.006	0.701	0.0087	0.0043	0.018	0.018	0.027	0.005	0.000	0.000	0.022			
4.79x1829xC	HTQ062690	1	20,390 44,952	SU99229	KOR	B	306	476	27	P	0.1452	0.006	0.701	0.0087	0.0043	0.018	0.018	0.027	0.005	0.000	0.000	0.022			
4.79x1829xC	HTQ062700	1	20,340 44,841	SU99229	KOR	B	306	476	27	L	0.1502	0.006	0.701	0.0084	0.0049	0.019	0.019	0.026	0.006	0.000	0.000	0.024			
*** Sub Total (030) ***		12	244,830 (kg) 539,750 (lb)							P	0.1452	0.006		0.0087	0.0043	0.018	0.018	0.027	0.005	0.000	0.000	0.022			
6.30x1219xC	HQQ121400	1	20,670 45,569	SQ23501	KOR	B	322	482	34	L	0.1478	0.006	0.640	0.0117	0.0032	0.020	0.007	0.017	0.002	0.001	0.002	0.021			
6.30x1219xC	HQQ121880	1	19,220 42,372	SQ23507	KOR	B	305	470	35	P	0.1420	0.003	0.657	0.0097	0.0029	0.015	0.007	0.011	0.002	0.000	0.000	0.021			
6.30x1219xC	HQQ121900	1	19,030 41,953	SQ23507	KOR	B	305	470	35	L	0.1474	0.005	0.657	0.0097	0.0034	0.011	0.005	0.011	0.002	0.000	0.002	0.029			
6.30x1219xC	HQQ121910	1	19,190 42,306	SQ23507	KOR	B	305	470	35	P	0.1504	0.005	0.657	0.0097	0.0034	0.011	0.006	0.011	0.002	0.000	0.000	0.026			
6.30x1219xC	HQQ121920	1	18,880 41,623	SQ23507	KOR	B	305	470	35	L	0.1474	0.005	0.657	0.0094	0.0033	0.013	0.005	0.011	0.002	0.000	0.002	0.029			
										P	0.1504	0.005	0.657	0.0097	0.0034	0.011	0.006	0.011	0.002	0.000	0.000	0.026			
										L	0.1474	0.005	0.657	0.0094	0.0033	0.013	0.005	0.011	0.002	0.000	0.002	0.029			
										P	0.1504	0.005	0.657	0.0097	0.0034	0.011	0.006	0.011	0.002	0.000	0.000	0.026			
										L	0.1474	0.005	0.657	0.0094	0.0033	0.013	0.005	0.011	0.002	0.000	0.002	0.029			
										P	0.1504	0.005	0.657	0.0097	0.0034	0.011	0.006	0.011	0.002	0.000	0.000	0.026			

* 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.# PC243369-06
114" 48 x 120
HEAT # SQ23507

Surveyor To :



Park, Junyoung

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