

Certificate No. : 230422-FH01KS-0023A1-0001
Date of Issue : May., 02, 2023

Mill Test Certificate



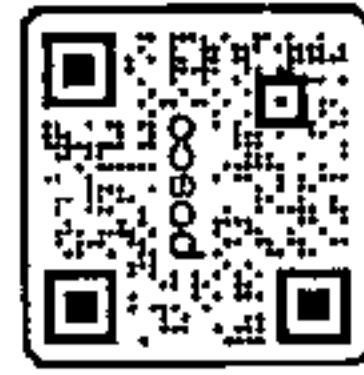
Order No. : 01S6033869
Supplier : POSCO INTERNATIONAL CORPORATION
PO No. : 2304-25.770 (25.770)
Commodity : HR COIL
Spec & Type : ASTM A36

Cu : P

Size	Product No.	Quantity	Weight (kg) (lb)	Heat No.	Country of Melt & Pour	Position	Tensile Test		Division	Chemical Composition														
							YP (MPa)	TS (MPa)		EL (%)	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)	Sn-Al (%)		
4.71x1219xC	HQQ121490	1	20,440 (45,062)	SQ23504	KOR	B	302	471	29	L	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ121510	1	20,100 (44,312)	SQ23504	KOR	B	302	471	29	P	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ121530	1	19,980 (44,048)	SQ23504	KOR	B	302	471	29	L	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ121550	1	20,170 (44,467)	SQ23504	KOR	B	302	471	29	P	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ121560	1	20,160 (44,445)	SQ23504	KOR	B	302	471	29	L	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ121580	1	20,080 (44,268)	SQ23504	KOR	B	302	471	29	P	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ121460	1	19,950 (43,982)	SQ23504	KOR	B	309	460	31	L	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ121480	1	19,840 (43,739)	SQ23504	KOR	B	309	460	31	P	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ121500	1	20,470 (45,128)	SQ23504	KOR	B	309	460	31	L	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ121520	1	20,400 (44,974)	SQ23504	KOR	B	309	460	31	P	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ121540	1	20,390 (44,952)	SQ23504	KOR	B	309	460	31	L	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ121570	1	20,340 (44,841)	SQ23504	KOR	B	309	460	31	P	0.1488	0.008	0.646	0.0088	0.0027	0.014	0.009	0.014	0.002	0.001	0.000	0.000	0.027	
4.71x1219xC	HQQ143710	1	20,550 (45,304)	SQ23910	KOR	B	296	458	33	L	0.1454	0.013	0.661	0.0094	0.0026	0.013	0.005	0.010	0.004	0.001	0.000	0.000	0.025	
*** Sub Total [010] ***							13	262,870 (kg)	579,522 (lb)															

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.

P.O. # 20242539-08
3116" 48 x 96
HEAT # SQ 23504



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

Surveyor To :

Park, Junyoung