

Certificate No. : 230422-FH01KS-0023A1-0009
Date of Issue : May., 02, 2023

Mill Test Certificate

POSCO

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 (%)	Sn-Al (%)
9.47x1524xC	HQQ138540	1	20,040	SQ23785	KOR	B	310	498	31	L	0.1890	0.009	0.828	0.0126	0.0029	0.023	0.009	0.015	0.002	0.000	0.000	0.026
9.47x1524xC	HQQ138640	1	44,180	SQ23785	KOR	B	310	498	31	L	0.1898	0.009	0.828	0.0124	0.0029	0.022	0.008	0.012	0.002	0.000	0.000	0.026
9.47x1524xC	HQQ138550	1	45,900	SQ23805	KOR	B	306	492	35	L	0.1898	0.009	0.782	0.0124	0.0027	0.022	0.008	0.012	0.002	0.000	0.000	0.025
9.47x1524xC	HQQ138570	1	42,240	SQ23805	KOR	B	306	492	35	L	0.1810	0.009	0.782	0.0135	0.0025	0.023	0.009	0.024	0.002	0.000	0.000	0.026
9.47x1524xC	HQQ138560	1	44,378	SQ23805	KOR	B	290	487	34	L	0.1810	0.009	0.782	0.0143	0.0027	0.024	0.009	0.024	0.002	0.000	0.000	0.026
9.47x1524xC	HQQ138600	1	44,445	SQ23805	KOR	B	290	487	34	L	0.1776	0.009	0.782	0.0143	0.0025	0.023	0.009	0.023	0.002	0.000	0.000	0.025
9.47x1524xC	HQQ138600	1	19,090	SQ23805	KOR	B	290	487	34	L	0.1776	0.009	0.782	0.0143	0.0027	0.024	0.009	0.023	0.002	0.000	0.000	0.025
9.47x1524xC	HQQ138600	1	42,086	SQ23805	KOR	B	290	487	34	P	0.1810	0.009	0.782	0.0143	0.0027	0.024	0.009	0.023	0.002	0.000	0.000	0.025
9.47x1524xC	HQQ138600	1	198,900 (kg) 438,493 (lb)	SQ23805	KOR	B	323	506	31	L	0.1753	0.008	0.750	0.0111	0.0040	0.017	0.007	0.016	0.001	0.000	0.000	0.025
9.53x1829xC	HRQ068340	1	22,580	SQ22508	KOR	B	323	506	31	P	0.1785	0.006	0.750	0.0103	0.0045	0.014	0.008	0.024	0.001	0.000	0.000	0.026
9.53x1829xC	HRQ068350	1	49,780	SQ22508	KOR	B	323	506	31	L	0.1753	0.008	0.750	0.0111	0.0040	0.017	0.007	0.016	0.001	0.000	0.000	0.025
9.53x1829xC	HRQ068530	1	22,090	SQ22508	KOR	B	323	506	31	L	0.1785	0.006	0.750	0.0103	0.0045	0.014	0.008	0.024	0.001	0.000	0.000	0.026
9.53x1829xC	HRQ068530	1	48,699	SQ22508	KOR	B	323	506	31	L	0.1753	0.008	0.750	0.0111	0.0040	0.017	0.007	0.016	0.001	0.000	0.000	0.025
9.53x1829xC	HRQ068540	1	22,580	SQ22508	KOR	B	298	487	30	L	0.1785	0.006	0.750	0.0103	0.0045	0.014	0.008	0.024	0.001	0.000	0.000	0.026
9.53x1829xC	HRQ068540	1	49,780	SQ22508	KOR	B	298	487	30	L	0.1753	0.008	0.750	0.0111	0.0040	0.017	0.007	0.016	0.001	0.000	0.000	0.025
9.53x1829xC	HRQ069480	1	22,070	SQ22514	KOR	B	304	482	23	L	0.1785	0.006	0.754	0.0103	0.0045	0.013	0.006	0.013	0.002	0.000	0.000	0.028
9.53x1829xC	HRQ069480	1	48,655	SQ22514	KOR	B	304	482	23	L	0.1665	0.004	0.754	0.0142	0.0037	0.013	0.005	0.011	0.001	0.000	0.000	0.026
9.53x1829xC	HRQ069480	1	22,160	SQ22514	KOR	B	303	477	23	L	0.1757	0.005	0.754	0.0129	0.0042	0.013	0.005	0.011	0.001	0.000	0.000	0.028
9.53x1829xC	HRQ069460	1	48,854	SQ22514	KOR	B	303	477	23	L	0.1665	0.004	0.754	0.0142	0.0037	0.013	0.005	0.011	0.001	0.000	0.000	0.026
9.53x1829xC	HRQ069460	1	22,160	SQ22514	KOR	B	303	477	23	P	0.1757	0.005	0.754	0.0129	0.0042	0.011	0.005	0.011	0.001	0.000	0.000	0.026

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.

Park, Junyoung

Chief of material testing section

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

POSCO

* 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.# PO243630-06
3/8" 60x120
HEAT# SQ23805