



Mill Test Certificate

Certificate No. : 210521-FH01KS-0096A1-0001

Date of Issue : May., 26, 2021

Order No. : 01S4936100

PO No. : 2105-24.910
(24.910)

Supplier : POSCO INTERNATIONAL CORPORATION

Commodity : HR COIL

Customer : SUNBELT GROUP

Spec & Type : ASTM A1011-SS33

Size	Product No.	Quantity	Weight (kg) (lb)	Heat No.	Country of Melt & Pour	Position	Tensile Test				Bend Test	Division	Chemical Composition										
							YP (MPa)	TS (%)	EL (%)	C (%)			Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	Ti (%)	V (%)
2.63x1219xC	HQS019240	1	20,520 45,238	SQ65400	KOR	B	270	423	31	Good	L	0.1448	0.007	0.507	0.0085	0.0034	0.016	0.013	0.023	0.003	0.001	0.0005	0.000
2.63x1219xC	HQS019950	1	20,520 45,238	SQ65404	KOR	B	278	425	32	Good	L	0.1435	0.003	0.488	0.0095	0.0047	0.018	0.014	0.021	0.004	0.000	0.0003	0.000
*** Sub Total (030) ***		2	41,040 (kg) 90,476 (lb)																				
2.98x1219xC	HQS019360	1	20,560 45,326	SQ65400	KOR	B	291	440	31	Good	L	0.1448	0.007	0.507	0.0085	0.0034	0.016	0.013	0.023	0.003	0.001	0.0005	0.000
2.98x1219xC	HQS019380	1	20,510 45,216	SQ65400	KOR	B	291	440	31	Good	L	0.1448	0.007	0.507	0.0085	0.0034	0.016	0.013	0.023	0.003	0.001	0.0005	0.000
2.98x1219xC	HQS019450	1	20,330 44,819	SQ65400	KOR	B	291	440	31	Good	L	0.1448	0.007	0.507	0.0085	0.0034	0.016	0.013	0.023	0.003	0.001	0.0005	0.000
2.98x1219xC	HQS019300	1	20,620 45,459	SQ65400	KOR	B	292	449	32	Good	L	0.1448	0.007	0.507	0.0085	0.0034	0.016	0.013	0.023	0.003	0.001	0.0005	0.000
2.98x1219xC	HQS019370	1	20,440 45,062	SQ65400	KOR	B	292	449	32	Good	L	0.1448	0.007	0.507	0.0085	0.0034	0.016	0.013	0.023	0.003	0.001	0.0005	0.000
2.98x1219xC	HQS019780	1	20,200 44,533	SQ65404	KOR	B	288	438	34	Good	L	0.1435	0.003	0.488	0.0095	0.0047	0.018	0.014	0.021	0.004	0.000	0.0003	0.000
2.98x1219xC	HQS019870	1	20,260 44,665	SQ65404	KOR	B	288	438	34	Good	L	0.1435	0.003	0.488	0.0095	0.0047	0.018	0.014	0.021	0.004	0.000	0.0003	0.000
2.98x1219xC	HQS019430	1	20,370 44,907	SQ65404	KOR	B	292	445	31	Good	L	0.1435	0.003	0.488	0.0095	0.0047	0.018	0.014	0.021	0.004	0.000	0.0003	0.000
2.98x1219xC	HQS019440	1	20,380 44,930	SQ65404	KOR	B	292	445	31	Good	L	0.1435	0.003	0.488	0.0095	0.0047	0.018	0.014	0.021	0.004	0.000	0.0003	0.000
*** Sub Total (060) ***		9	183,670 (kg) 404,917 (lb)																				
3.37x1219xC	HQS018730	1	20,410 44,996	SQ65398	KOR	B	287	440	33	Good	L	0.1390	0.006	0.495	0.0070	0.0041	0.011	0.013	0.023	0.003	0.000	0.0004	0.000

* Position - T : Top, M : Middle, B : Bottom
 * Tensile Test. Direction : Longitudinal, Gauge Length : 50 mm (Rectangular),
 YP Method : 0.2 % off-set
 * Bend Test - Direction : Longitudinal, Angle : 90 °
 * Division - L : Ladle Analysis

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.

PO. # P0227958-01
 11 pc 48x96
 HEAT # SQ65404

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

Surveyor To :

Ko Jae Gon