



Mill Test Certificate

Certificate No. : 160422-FC01PS-0014A1-0001
Date of Issue : May., 09, 2016

Order No. : 01S2115884

Supplier : SUNGJIN CO., LTD.

PO No. : D4B0139

Commodity : COLD ROLLED COIL

D4S0478

Customer : STEMCOR EUROPE

Spec & Type : EN10130 DC01

Size	Product No.	Quantity	Weight (kg)	Heat No.	Position	Tensile Test			Division	Chemical Composition				
						YP (MPa)	TS (MPa)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)
1.50x1500xC	CB03635A	1	10.810	SB64710	B	231	339	39	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB03635B	1	10.820	SB64710	B	231	339	39	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB03635C	1	10.760	SB64710	B	231	339	39	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04335A	1	10.620	SB64710	B	230	339	40	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04335B	1	10.610	SB64710	B	230	339	40	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04335C	1	10.770	SB64710	B	230	339	40	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04339A	1	10.510	SB64710	B	234	345	37	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04339C	1	10.520	SB64710	B	234	345	37	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04337A	1	10.430	SB64710	B	238	343	39	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04337B	1	10.420	SB64710	B	238	343	39	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04337C	1	10.460	SB64710	B	238	343	39	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04340A	1	10.410	SB64710	B	236	342	38	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04340B	1	10.410	SB64710	B	236	342	38	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04340C	1	10.410	SB64710	B	236	342	38	L	0.0404	0.011	0.222	0.0130	0.0031
1.50x1500xC	CB04338A	1	10.470	SB64713	B	224	336	40	L	0.0396	0.014	0.193	0.0113	0.0024
1.50x1500xC	CB04338B	1	10.470	SB64713	B	224	336	40	L	0.0396	0.014	0.193	0.0113	0.0024
1.50x1500xC	CB04338C	1	10.420	SB64713	B	224	336	40	L	0.0396	0.014	0.193	0.0113	0.0024
1.50x1500xC	CB04834A	1	10.760	SB64713	B	243	347	38	L	0.0396	0.014	0.193	0.0113	0.0024
1.50x1500xC	CB04834B	1	10.750	SB64713	B	243	347	38	L	0.0396	0.014	0.193	0.0113	0.0024
1.50x1500xC	CB04834C	1	10.750	SB64713	B	243	347	38	L	0.0396	0.014	0.193	0.0113	0.0024
1.50x1500xC	CB04336A	1	10.400	SB64715	B	244	347	39	L	0.0404	0.009	0.198	0.0150	0.0028
1.50x1500xC	CB04336B	1	10.390	SB64715	B	244	347	39	L	0.0404	0.009	0.198	0.0150	0.0028
1.50x1500xC	CB04336C	1	10.410	SB64715	B	244	347	39	L	0.0404	0.009	0.198	0.0150	0.0028
1.50x1500xC	CB04341A	1	10.350	SB64715	B	240	347	38	L	0.0404	0.009	0.198	0.0150	0.0028
1.50x1500xC	CB04341B	1	10.350	SB64715	B	240	347	38	L	0.0404	0.009	0.198	0.0150	0.0028
1.50x1500xC	CB04341C	1	10.410	SB64715	B	240	347	38	L	0.0404	0.009	0.198	0.0150	0.0028
1.50x1500xC	CB03712A	1	13.650	SB64771	B	232	343	40	L	0.0446	0.008	0.192	0.0132	0.0039
1.50x1500xC	CB03712B	1	11.940	SB64771	B	232	343	40	L	0.0446	0.008	0.192	0.0132	0.0039

* Position - T : Top, M : Middle, B : Bottom

* Tensile Test Direction : Transversal, Gauge Length : 80mm(Rectangular),

YP Method : Low Point

* Division - L : Ladle Analysis

We hereby certify that the material herein has been made in accordance with the order and above specification.

Test Certificate is issued according to EN10204 3.1.

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

Surveyor To :

H.J. Yoo

POSCO

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Chief of material testing section

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