



Mill Test Certificate

Certificate No. : 170116-FC01KS-0299A5-0001
Date of Issue : Jan., 23, 2017

Order No. : 01S2525337

PO No. : D4B0175

Supplier : SUNGJIN CO., LTD.

Commodity : COLD ROLLED COIL

Customer : STEM COR 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 (%)
1.50x1250xC	CPN4472A	1	14,420	SP74007	B	229	332	41	L	0.0372	0.003	0.191	0.0081	0.0047
1.50x1250xC	CPN4472B	1	14,380	SP74007	B	229	332	41	L	0.0372	0.003	0.191	0.0081	0.0047
1.50x1250xC	CPN4473A	1	14,460	SP74007	B	216	324	41	L	0.0372	0.003	0.191	0.0081	0.0047
1.50x1250xC	CPN4473B	1	14,240	SP74007	B	216	324	41	L	0.0372	0.003	0.191	0.0081	0.0047
1.50x1250xC	CPN4476A	1	14,160	SP74007	B	231	333	42	L	0.0372	0.003	0.191	0.0081	0.0047
1.50x1250xC	CPN4476B	1	14,550	SP74007	B	231	333	42	L	0.0372	0.003	0.191	0.0081	0.0047
1.50x1250xC	CPN4478A	1	14,240	SP74007	B	225	328	43	L	0.0372	0.003	0.191	0.0081	0.0047
1.50x1250xC	CPN4478B	1	14,650	SP74007	B	225	328	43	L	0.0372	0.003	0.191	0.0081	0.0047
1.50x1250xC	CPN4480A	1	14,390	SP74007	B	224	327	41	L	0.0372	0.003	0.191	0.0081	0.0047
1.50x1250xC	CPN4480B	1	14,380	SP74007	B	224	327	41	L	0.0372	0.003	0.191	0.0081	0.0047
*** Sub Total (110) ***		10	143,970 (kg)			< Not Welded >			L	0.0372	0.003	0.191	0.0081	0.0047
1.50x1500xC	CPN4010A	1	10,850	SP74014	B	201	315	41	L	0.0354	0.001	0.186	0.0134	0.0040
1.50x1500xC	CPN4010B	1	10,840	SP74014	B	201	315	41	L	0.0354	0.001	0.186	0.0134	0.0040
1.50x1500xC	CPN4010C	1	11,310	SP74014	B	201	315	41	L	0.0354	0.001	0.186	0.0134	0.0040
*** Sub Total (140) ***		3	33,000 (kg)			< Not Welded >			L	0.0354	0.001	0.186	0.0134	0.0040
*** Grade Total ***		13	176,970 (kg)											

* Position - T : Top, M : Middle, B : Bottom
* Tensile Test Direction : Transversal, Gauge Length : 80mm(Rectangular),
YP Method : Low Point
* Division - L : Ladle Analysis

Test Certificate is issued according to EN10204 3.1.

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

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

Surveyor To :

Kim, Young-Ha