

Certificate No.	191209EUD0009
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Issue date	09/12/2019

# MILL TEST CERTIFICATE (CR)



CHINA STEEL AND NIPPON STEEL VIETNAM  
 JOINT STOCK COMPANY  
 My Xuan A2 Industrial Zone, My Xuan Ward,  
 Phu My Town, Ba Ria - Vung Tau Province, Vietnam  
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0009

CUSTOMER	POSCO INTERNATIONAL CORPORATION	Invoice No.	S19110092	Shipping Date	04/12/2019
SPECIFICATION	ASTM A1008 CS TYPE B	Customer No.	P0004KOR	CSVC ORDER NO.	202001BCZEA
PRODUCT	COLD ROLLED STEEL SHEET IN COIL	Reference No.			

ITEM NO.	THICK mm	WIDTH mm	LENGTH mm	Quantity	MASS NIN kg	Coil No	Heat No	Chemical Composition (%)											Tensile Test			Bend Test												
								C	Si	Mn	P	S	Ni	Cr	Mo	V	Nb	Ti	Co	Al	N	B	Ort	*A01 YS	*A02 TS	*A03 EL	Ort	Res.						
003	1.210	1.219.0	coil	1	9.070	3493381	312097	4	1	20	12	4	1	1	0	0	0	0	0	0	0	2	3	2	1	L	206	335	42	L	OK			
003	1.210	1.219.0	coil	1	9.080	3493382	312097	4	1	20	12	4	1	1	0	1	0	0	0	0	0	2	3	2	1	L	206	335	42	L	OK			
003	1.210	1.219.0	coil	1	10.160	3493391	312097	4	1	20	12	4	1	1	0	1	0	0	0	0	0	2	3	2	1	L	205	334	42	L	OK			
003	1.210	1.219.0	coil	1	10.200	3493392	312097	4	1	20	12	4	1	1	0	1	0	0	0	0	0	2	3	2	1	L	205	334	42	L	OK			
003	1.210	1.219.0	coil	1	9.760	3493421	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	212	338	42	L	OK			
003	1.210	1.219.0	coil	1	10.040	3493422	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	212	338	42	L	OK			
003	1.210	1.219.0	coil	1	10.650	3493431	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	214	340	41	L	OK			
003	1.210	1.219.0	coil	1	9.870	3493432	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	214	340	41	L	OK			
003	1.210	1.219.0	coil	1	10.160	3493471	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	211	339	40	L	OK			
003	1.210	1.219.0	coil	1	10.150	3493472	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	211	339	40	L	OK			
003	1.210	1.219.0	coil	1	10.100	3493481	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	208	337	41	L	OK			
003	1.210	1.219.0	coil	1	9.920	3493482	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	214	340	40	L	OK			
003	1.210	1.219.0	coil	1	10.130	3493491	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	214	340	40	L	OK			
003	1.210	1.219.0	coil	1	10.180	3493492	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	214	340	40	L	OK			
003	1.210	1.219.0	coil	1	10.150	3493491	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	209	338	41	L	OK			
003	1.210	1.219.0	coil	1	10.130	3493492	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	210	338	40	L	OK			
003	1.210	1.219.0	coil	1	10.100	3493511	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	210	338	40	L	OK			
003	1.210	1.219.0	coil	1	10.140	3493512	112268	4	1	19	13	9	1	1	1	1	0	0	0	0	0	2	3	2	1	L	210	338	40	L	OK			
003	1.210	1.219.0	coil	1	10.110	3493521	112268	4	1	20	12	4	1	1	1	1	0	0	0	0	0	2	3	2	1	L	211	337	41	L	OK			
TOTAL:				19	189.440																													

\*A01 = Yield Strength  
 \*A02 = Tensile Strength  
 \*A03 = Elongation

VISUAL INSPECTION(SURFACE) AND DIMENSION CHECK: OK

WE HEREBY CERTIFY THAT MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE REQUIREMENT OF THE ABOVE MATERIAL SPECIFICATION.

MADE IN VIETNAM  
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