



NIPPON STEEL &
SUMITOMO METAL
CORPORATION

(C)

NIPPON STEEL & SUMITOMO METAL CORPORATION
WAKAYAMA WORKS (KAINAN)
260-100, FUNOO, KAINAN, JAPAN

INSPECTION CERTIFICATE

CERTIFICATE NO. :BYF4200

PAGE : 1/1 DATE : 2013-03-07

CUSTOMER : [REDACTED]
ORDER NO. :132GT004
SHIPPER : [REDACTED]
COMMODITY :HOT FINISHED SEAMLESS GREEN PLAIN PIPE AS PER TSP-2336R8
STANDARD :PM-SMD
SPECIFICATION :
MILL WORK NO. :BYF4200 O. D. :88.9mm W. T. :11.40mm LENGTH:MIN.9154mm MAX.9306mm QUANTITY:481pcs.
TOTAL LENGTH:4433.17m MASS:101914kg

HEAT NO. :J3K1256
PRODUCTS PCS. :481

CHEMICAL COMPOSITION (%)

		#1	C	Si	Mn	P #2	S #2	Cu	Cr	Mo	V #2	*SA #2
SPEC. MIN.	R		25	15	70	-	-	-	100	40	-	15
MAX.	R		31	35	90	15	5	20	120	50	50	50
HEAT NO.												
J3K1256	L		28	23	73	8	5	2	105	41	0	31
	P		27	22	71	8	4	1	103	40	0	26
	P		27	22	71	8	4	1	103	41	0	26

*I R:LADLE & PRODUCT ANALYSIS L:LADLE ANALYSIS P:PRODUCT ANALYSIS #2:X1000 OTHER:X100 *SA:Sol. Al

VISUAL & DIMENSIONS: ACCEPTABLE
EDDY CURRENT EXAMINATION: ACCEPTABLE

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE IN ACCORDANCE WITH THE RULES OF THE CONTRACT.

T. Kondo

HEAD OF DEPARTMENT
QUALITY ASSURANCE DEPARTMENT

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This certification is intended only for products listed. Modification to or unauthorized use of this certification is strictly prohibited. Offences may be regarded as forgery of documents and be subject to criminal prosecution. If you have any questions on this certification, you can contact us by facsimile or e-mail as shown below;
Fax. No. : +81-3-6867-4926 E-mail: pipe-ipp@jp.nssmc.com

(8)

INSPECTION CERTIFICATE

CERTIFICATE NO. :BYFF6936

PAGE : 1/1 DATE :2015-03-24

CUSTOMER :
ORDER NO. :LG001U1
SHIPPER :
COMMODITY :HOT FINISHED SEAMLESS GREEN PLAIN PIPE AS PER TSP-3545R1
STANDARD :PM-SMD
SPECIFICATION :
MILL WORK NO. :BYFF6936 O. D. :88.9mm W. T. :11.40mm LENGTH:MIN.9204mm MAX.9356mm
QUANTITY:1877pcs. TOTAL LENGTH:17373.62m MASS:407968kg

HEAT NO. :J4KA064 J4KA662 J5L2449 J5L2453 J5L2701
PRODUCTS PCS. :3 17 789 1044 24

CHEMICAL COMPOSITION (%)

	#1		C	Si	Mn	P	S	Cu	Cr	Mo	V	*SA
			#2	#2	#2	#2	#2	#2	#2	#2	#2	#2
SPEC. MIN.	R		25	15	70	-	-	-	100	40	-	15
MAX.	R		31	35	90	15	5	20	120	50	50	50
HEAT NO.												
J4KA064	L		28	23	79	10	3	2	108	42	0	26
	P		28	23	80	10	3	1	106	44	0	24
	P		26	22	79	10	3	1	106	42	0	24
J4KA662	L		27	22	74	8	3	2	107	41	0	23
	P		28	20	74	8	4	1	104	42	0	21
	P		28	21	74	8	4	1	106	42	0	21
J5L2449	L		28	23	79	9	4	1	106	41	0	31
	P		27	23	79	10	4	1	104	40	0	30
	P		27	23	79	10	4	1	104	41	0	29
J5L2453	L		28	26	75	10	3	1	107	41	0	33
	P		28	24	75	9	4	1	105	40	0	30
	P		28	24	74	10	4	1	105	40	0	30
J5L2701	L		28	22	75	11	4	2	106	42	0	31
	P		27	22	74	10	4	1	105	42	0	30
	P		28	22	74	10	4	1	105	44	0	31

*1 R:LADLE & PRODUCT ANALYSIS L:LADLE ANALYSIS P:PRODUCT ANALYSIS #2:X1000 OTHER:X100 *SA:Sol. Al

VISUAL & DIMENSIONS: ACCEPTABLE
EDDY CURRENT EXAMINATION: ACCEPTABLE

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J. Takano TAKASHI TAKANO

HEAD OF DEPARTMENT
QUALITY ASSURANCE DEPARTMENT

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Fax. No. : +81-3-6867-4926 E-mail:pipe-ipp@jp.nssmc.com

NO. 393602K15



INSPECTION CERTIFICATE

CERTIFICATE NO. :BYYP5237

PAGE : 1/1 DATE : 2014-11-18

CUSTOMER : [REDACTED]
ORDER NO. :LG000W1
SHIPPER : [REDACTED]
COMMODITY :HOT FINISHED SEAMLESS GREEN PLAIN PIPE AS PER TSP-3545R0
STANDARD :PM-SMD
SPECIFICATION :
MILL WORK NO. :BYYP5237

O. D. :88.9mm W. T. :11.40mm LENGTH:MIN.9204mm MAX.9356mm QUANTITY:941pcs.
TOTAL LENGTH:8724.70m MASS:202726kg

HEAT NO. :J4KA064 J4KA066 J4KA662
PRODUCTS PCS. :125 77 739

CHEMICAL COMPOSITION (%)

	#1		C	Si	Mn	P	S	Cu	Cr	Mo	V	*SA
			#2	#2	#2	#2	#2	#2	#2	#2	#2	#2
SPEC. MIN.	R		25	15	70	-	-	-	100	40	-	15
MAX.	R		31	35	90	15	5	20	120	50	50	50
HEAT NO.												
J4KA064	L		28	23	79	10	3	2	108	42	0	26
	P		29	23	78	10	3	1	106	44	0	24
	P		29	22	78	10	3	1	106	44	0	25
J4KA066	L		28	22	76	10	3	2	108	42	0	34
	P		28	20	78	10	4	1	105	44	0	31
	P		28	20	78	10	4	1	105	44	0	32
J4KA662	L		27	22	74	8	3	2	107	41	0	23
	P		28	21	76	8	4	1	105	42	0	20
	P		28	22	76	8	4	1	104	42	0	20

*1 R:LADLE & PRODUCT ANALYSIS L:LADLE ANALYSIS P:PRODUCT ANALYSIS *2:X1000 OTHER:X100 *SA:So1. A1

VISUAL & DIMENSIONS: ACCEPTABLE
EDDY CURRENT EXAMINATION: ACCEPTABLE

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