



INSPECTION CERTIFICATE

CERTIFICATE NO. :BYFF1506

PAGE : 1/1 DATE :2014-02-04

CUSTOMER :
ORDER NO. :LF001J1
SHIPPER :
COMMODITY :HOT FINISHED SEAMLESS GREEN PLAIN PIPE AS PER TSP-3545R0
STANDARD :PM-SMD
SPECIFICATION :
MILL WORK NO. :BYFF1506

O. D. :114.3mm W. T. :8.56mm LENGTH:MIN.9364mm MAX.9516mm QUANTITY:807pcs.
TOTAL LENGTH:7618.79m MASS:184155kg

HEAT NO. :J3L6366
PRODUCTS PCS. :807

CHEMICAL COMPOSITION (%)

			C	Si	Mn	P	S	Cu	Cr	Mo	V	*SA
		*1				*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.		L	29	25	78	7	4	2	107	42	0	40
J3L6366		P	29	25	79	7	4	1	105	42	0	40
		P	30	25	79	7	4	1	105	42	0	40

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

VISUAL & DIMENSIONS: ACCEPTABLE
ULTRASONIC EXAMINATION: ACCEPTABLE

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

Y. Itoh

HEAD OF DEPARTMENT
QUALITY ASSURANCE DEPARTMENT

NO. 307547K14

<An Important Message To Our Customers>

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



NIPPON STEEL &
SUMITOMO METAL
CORPORATION

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

INSPECTION CERTIFICATE

CERTIFICATE NO. :BYFF6935-01 PAGE : 1/1 DATE :2015-02-23

CUSTOMER :
ORDER NO. :LG001P1
SHIPPER :
COMMODITY :HOT FINISHED SEAMLESS GREEN PLAIN PIPE AS PER TSP-3546R1
STANDARD :PM-SMD
SPECIFICATION :
MILL WORK NO. :BYFF6935 O. D. :114.3mm W. T. :8.56mm LENGTH:MIN. 9394mm MAX. 9546mm QUANTITY:875pcs.
TOTAL LENGTH:8277.57m MASS:196371kg

HEAT NO. :J5L1881
PRODUCTS PCS. :875

CHEMICAL COMPOSITION (%)

		#1	C	Si	Mn	P	S	Cu	Cr	Mo	V	*SA
						#2	#2					#2
SPEC. MIN. MAX.	R		25	15	70	-	-	-	100	40	-	15
	R		31	35	90	15	5	20	120	50	50	50
HEAT NO. J5L1881	L		29	20	79	9	3	1	108	42	0	24
	P		29	20	79	8	4	1	105	43	0	22
	P		29	20	79	9	3	1	105	43	0	23

*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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T. 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. 38837K15



INSPECTION CERTIFICATE

CERTIFICATE NO. :BYFF6935-02 PAGE : 1/1 DATE :2015-03-05

CUSTOMER : [REDACTED]
 ORDER NO. :LG001P1
 SHIPPER : [REDACTED]
 COMMODITY :HOT FINISHED SEAMLESS GREEN PLAIN PIPE AS PER TSP-3545R1
 STANDARD :PM-SMD
 SPECIFICATION :
 MILL WORK NO. :BYFF6935 O. D. :114.3mm W. T. :8.56mm LENGTH:MIN.9394mm MAX.9546mm QUANTITY:17pcs.
 TOTAL LENGTH:161.11m MASS:3812kg

HEAT NO. :J5L1881
 PRODUCTS PCS. :17

CHEMICAL COMPOSITION (%)

		*1	C	Si	Mn	P	S	Cu	Cr	Mo	V	*SA
						*2	*2					*2
SPEC. MIN. MAX.	R		25	15	70	-	-	-	100	40	-	15
	R		31	35	90	15	5	20	120	50	50	50
HEAT NO. J5L1881	L		29	20	79	9	3	1	108	42	0	24
	P		29	20	79	8	4	1	105	43	0	22
	P		29	20	79	9	3	1	105	43	0	23

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

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.

J. Takano TAKASHI TAKANO

HEAD OF DEPARTMENT
 QUALITY ASSURANCE DEPARTMENT

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