



NIPPON STEEL &  
SUMITOMO METAL  
CORPORATION



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

INSPECTION CERTIFICATE

CERTIFICATE NO. :BYFF2542

PAGE : 1/1 DATE : 2016-07-16

CUSTOMER : [REDACTED]  
ORDER NO. :LG00502  
SHIPPER : [REDACTED]  
COMMODITY :HOT FINISHED SEAMLESS GREEN PLAIN PIPE AS PER TSP-3545R1  
STANDARD :PM-SMD  
SPECIFICATION :  
MILL WORK NO. :BYFF2542 O. D. :60.3mm W. T. :7.11mm LENGTH:MIN.9034mm MAX.9186mm QUANTITY:332pcs.  
TOTAL LENGTH:3018.21m MASS:30260kg

HEAT NO. :J6K6751  
PRODUCTS PCS. :332

CHEMICAL COMPOSITION (%)

		*1	C	Si	Mn	P	S	Cu	Cr	Mo	V	*SA
						*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. J6K6751	L		27	22	72	11	3	2	106	42	0	30
	P		27	22	72	10	3	1	102	43	0	28
	P		27	22	72	11	3	1	102	43	0	28

\*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

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

*Y. Itoh*

YUJIN ITO

HEAD OF DEPARTMENT  
QUALITY ASSURANCE DEPARTMENT

<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 NO. 476036K16



**INSPECTION CERTIFICATE**

CERTIFICATE NO. :BYFF3415

PAGE : 1/1 DATE : 2016-10-27

CUSTOMER : [REDACTED]  
 ORDER NO. :LG005C1  
 SHIPPER : [REDACTED]  
 COMMODITY :HOT FINISHED SEAMLESS GREEN PLAIN PIPE AS PER TSP-3545R1  
 STANDARD :PM-SMD  
 SPECIFICATION :  
 MILL WORK NO. :BYFF3415 O. D. :60.3mm W. T. :7.11mm LENGTH:MIN.9034mm MAX.9186mm QUANTITY:56pcs.  
 TOTAL LENGTH:511.11m MASS:5093kg  
 HEAT NO. :J6K6751  
 PRODUCTS PCS. :56

**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. J6K6751	L		27	22	72	11	3	2	106	42	0	30
	P		27	22	70	10	3	1	102	42	0	27
	P		28	21	70	11	3	1	102	42	0	26

\*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

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

*Y. Itoh*

YUJIN ITO

HEAD OF DEPARTMENT  
 QUALITY ASSURANCE DEPARTMENT

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