



INSPECTION CERTIFICATE

CERTIFICATE NO. :BYF0243

PAGE : 1/1 DATE :2018-05-02

CUSTOMER : [REDACTED]
 ORDER NO. :LG007L2
 SHIPPER : [REDACTED]
 COMMODITY :HOT FINISHED SEAMLESS GREEN PLAIN END PIPE AS PER TSP-3545R1
 STANDARD :PM-SMD
 SPECIFICATION :
 MILL WORK NO. :BYF0243 O. D. :168.3mm W. T. :9.19mm LENGTH:MIN.9374mm MAX.9526mm QUANTITY:229pcs.
 TOTAL LENGTH:2152.10m MASS:83337kg

HEAT NO. :J6K6751 J7LC904 J8K4097
 PRODUCTS PCS. :51 4 174

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		29	22	72	10	3	1	103	44	0	27
	P		29	22	72	11	3	1	103	44	0	26
J7LC904	L		28	24	76	11	3	1	109	42	0	38
	P		30	24	78	11	3	1	106	44	0	34
	P		30	24	78	12	3	1	106	44	0	33
J8K4097	L		28	21	77	11	3	2	106	42	0	33
	P		28	22	75	11	3	1	102	44	0	30
	P		28	23	75	11	3	1	102	44	0	30

*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. 596379K18