

CERTIFICATE

EN 10204-3.1

P. O. No. : _____

Date : 2023/07/13

Reference No. : TT15954

Job No. : _____

Description : 160C-2K/I2-C

Length : 952.0 Meters

Specification : IEC 584-2 Class2

Coil : 6.0 Coils

Material Certificate

Tube	ASTM A213-21b	
Control No.	PC436	
Vender Code	PN	
Description	TP316/316L	
Tensil Strength	80.7	N/mm ²
Yield Strength	33.9	N/mm ²
% Elongation	61.0	%
Heat No.	E63095	
C ≤0.035	0.02	%
Si ≤1.00	0.66	%
Mn ≤2.00	0.53	%
P ≤0.045	0.027	%
S ≤0.030	0.001	%
Ni 10.00-14.00	11.11	%
Cr 16.00-18.00	17.61	%
Mo 2.00-3.00	2.10	%
Co		%
Ti		%
Cu		%
Fe		%
Al		%
N		%
Nb		%

Element		
Control No.	KP259	KN231
Vender Code	WH	WH
Description	KP	KN
Heat No.	2007	124
Ni	Bal	Bal
Cr	9.07	%
Fe	0.48	0.19
Mn		%
Si	0.38	2.46
C		%
Al		%
Cu		1.87
S		%
Co		1.12

Insulation		
Control No.	MGO318	
Vender Code	ID	
MgO	97.63	%
CaO	0.53	%
SiO2	0.80	%
Al2O3	0.97	%
Fe2O3	0.05	%
B	0.0034	%

Inspection Certificate

Thickness(Min) : 0.25 mm

Room Temp : 26 °C

Thickness(Max) : 0.26 mm

Humidity : 48 %

Voltage Test : 100 V x 1min

Insulation Resist: 20 MΩ up

Note : _____

Weight : 11.3 kgs

Serial No.	Length (m)	Weight (kg)	Lead OD(mm)	Cable OD(mm)	Resist (Ω/m)	400°C ±3.00								
1	160	1.88	0.31	1.60	15.24	0.59								
2	159	1.89	0.29	1.60	15.42	0.52								
3	158	1.88	0.30	1.60	15.31	0.84								
4	158	1.88	0.31	1.60	15.51	0.95								
5	158	1.86	0.30	1.60	15.26	0.65								
6	159	1.89	0.31	1.60	15.49	0.62								

We hereby certify that items listed has been manufactured , inspected and tested in accordance with above standard and specification and satisfies the requirements.

Inspector *[Signature]*

Approved by *C.M. Chiang*

OKAZAKI MANUFACTURING COMPANY