

# **CERTIFICATE OF CONFORMITY**

We hereby certify that our quality management system is certified to meet ISO 9001 (Quality Management System), and that this product was produced in conformity to the system which assures that the product meets its published specifications.

We further certify that this product was tested and calibrated in accordance with the Kyoritsu calibration procedures during the manufacturing process. These calibration procedures are also based on the standard of ISO 9001.

It is certified that the standards and devices used for the test and calibration are traceable in accordance with National Standard in Japan.



**Quality Assurance Manager** 

Jakehira Shiraishi



### **KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.**

No.5-20,Nakane 2-chome, Meguro-ku, Tokyo, 152-0031 Japan Phone: +81-3-3723-0131 Fax: +81-3-3723-0152 URL: http://www.kew-ltd.co.jp QUALITY MANAGEMENT SYSTEM

ISO 9001 CERTIFIED TO MEET ISO 9001

## **CERTIFICATE OF CALIBRATION**

#### Instruments Details

Model Number:6.Descripition:MSerial Number:0Date of Manufacture:2

6516 Multi Function Tester 0000770 22, Mar, 2021

#### **Reference Test Condition**

Ambient Temperature:23C+/-5CRelative Humidity:45-75%AC Power Source:Sine wave (Distortion is 1% or less)DC Power Source:Smoothing ripple factor is 1% or less

#### **Traceability Information**

KEW Continuity Insulation Resistance Testing System KEW LOOP Resistance Testing System KEW RCD Testing System KEW EARTH Resistance Testing System Processor No. GS-181 Processor No. GS-182 Processor No. GS-184 Processor No. GS-185

	Function Range Mode	Applied Value	Permissible Range	Measured Result	Pass/ Fail
Cont/Insu	CONT 20 Ω 15mA 20.00 Ω	20.00	19.52-20.48	19.96	pass
	CONT 2000 Ω 15mA 1900 Ω	1,900	1,854-1,946	1,903	pass
V	CONT_OutmA_20 Ω 200mA_2 _0 _mA	50	240-300	2 9	pass
	INS $2M\Omega_{100V}_{2.0}0_M\Omega_{100V}$	000	.955-2.045	2.00	pass
	INS_20MΩ_250V_19.00	9.00	B.60-19.40	19	pass
	INS_200M Ω_500V_195 J_M Ω	90.0	85.7-194.3	91.3	pass
	INS_2000M Ω_1000Y_1900_M	000	,800-2,000	1, 09	pass
	INS_OutVolt_20M	1,00	1,000-1,200	1,1	pass
	INS_OutVolt_M_2000M Ω_1000V_1000_V	1,000	1,000-1,200	1,127	pass
EARTH	INS_OutmA_20M $\Omega_1000V_1.00_mA$	1.00	1.00-1.20	1.13	pass
	INS_OutmA_0 $\Omega_20M \Omega_1000V_1.00_mA$	1.00	1.00-1.50	1.40	pass
	EARTH_2W_20 Ω_19.00 _Ω	19.00	18.54-19.46	18.94	pass
	EARTH_3W_20 Ω_19.00 _Ω	19.00	18.54-19.46	18.96	pass
	EARTH_3W_OutmA_20 $\Omega_{3.0}$ mA	3.0	2.4-3.6	2.8	pass
Loop_230	LOOP_ATT_3W_200 Ω_100.0 _Ω	100.0	96.4-103.6	100.0	pass
	LOOP_ATT_2W_200 Ω_100.0 _Ω	100.0	96.9-103.1	100.1	pass
Loop_400 RCD	LOOP_HIGH_0.01 $\Omega$ Res_20 $\Omega$ _0.14 _ $\Omega$	0.14	0.10-0.18	0.14	pass
	LOOP_HIGH_0.01 $\Omega$ Res_2000 $\Omega$ _1800 _ $\Omega$	1,800	1,742-1,858	1,798	pass
	RCD_Uc_UL50V_G-AC_x1_30mA_30.0_V	30.00	30.70-35.30	33.00	pass
	LOOP_HIGH_L-N/L-L_20 $\Omega$ _0.19 _ $\Omega$	0.19	0.11-0.27	0.18	pass
	RCD_G-AC_x1/2_100mA_0°_50.00 _mA	50.00	46.00-49.00	48.48	pass
	RCD_G-AC_x1_100mA_0°_100.0_mA	100.0	102.0-108.0	106.6	pass
	RCD_G-AC_x1_1000mA_0°_1000_mA	1,000	1,020-1,080	1,057	pass
VOLT	RCD_G-AC_Auto_30mA_0°_33.00 _mA	33.00	31.68-34.32	33.11	pass
	RCD_G-A_x1_30mA_0°_25.37_mA	25.37	25.37-27.90	26.80	pass
	RCD_G-B_x1_300mA_0°_600.0_mA	630.0	600.0-660.0	633.1	pass
	VOLT_L-PE_300V_300.0 _V_50 Hz	300.0	293.6-306.4	300.0	pass
	VOLT_L-N_300V_300.0 _V_50 Hz	300.0	293.6-306.4	300.0	pass
	VOLT_N-PE_300V_300.0 _V_50 Hz	300.0	293.6-306.4	300.0	pass