

National Center for High Voltage Measurement

Calibration Certificate

Certificate Serial No.:(Ji) No.201741071

Customer:

HIGH VOLTAGE TEST LAB SON BEI

Tested Object

Partial Discharge Detector Calibrator

Type / Specification

JZF-11

Serial Number

17101778

Manufacturer

Sansion Power Electric Co., Ltd.

Calibration Reference

JJF 111/013-2009

License-issuing Authority

Approved by

张军

(Common Seal)

Checked by

王斯琪

Calibrated by

张军



中国认可
国际互认
校准
CALIBRATION
CNAS L4630

Calibration Date: Oct.30th, 2017

A D D :143Luoyu Road, WuHan City,China

Service Tel: 86-027-59834608

P . C . :430074

Supervise Tel: 86-027-59258303

EMAIL:hvc@epri.sgcc.com.cn

F a x : 86-027-59834618

National Center for High Voltage Measurement

Certificate Serial Number: (Ji) No. 201741070

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● Traceability: The reference measuring system used in this calibration can be traced to the national metrological primary standard.

● Calibration Reference (Code Number/Name):

JJF/JL/013-2009 Calibration Specification for Partial Discharge Testers

● Measurement Instruments Used in Calibration Test:

Item	Type	Serial Number	Uncertainty / Accuracy Class / Maximum Permissible Errors	Certificate Number	Validity of Certificate
Partial Discharge Detector Calibration Device	JFJZ-1	JFJZ20131121	±1%	(Ji)No:201540994	2017.11.26

● Technical Parameter of the Object:

Measurement Range: μpC

● Calibration Environment Condition:

Temperature: $22\text{ }^{\circ}\text{C}$ Humidity: $56\% \text{RH}$

● Calibration Address:

National Center for High Voltage Measurement, Wuhan China

● Result of Calibration:

As shown in Calibration Data.

Notes:

1. Our center is only responsible for the certificate with seal of the National Center of High Voltage Measurement.
2. The result of the certificate is only valid for the instrument which has been tested in this verification.
3. Please take care of the certificate.

National Center for High Voltage Measurement

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Calibration Data

Calibrator

Item	Switch Position	Indication of Reference	Expanded Uncertainty
Output Voltage	10	504 mV	$U_{rel}=1.2 \times 10^{-2}$, $k=2$
	50	1.00 V	
	100	2.00 V	
	200	5.04 V	
The Pulse Voltage Waveform	Rise time: 73.2ns		$U_{rel}=1.2 \times 10^{-2}$, $k=2$
Pulse Frequency	1.186 kHz		$U_{rel}=1.2 \times 10^{-2}$, $k=2$

Notes:

1. The instrument should be calibrated immediately after repairing.
2. The instrument should be re-calibrated when its character is doubtful.