



TECHNICAL QUESTIONNAIRE 6.101/1

Partial Discharge PD - Measurement

Please, fill in or stick your name card

Name	Quotation No.:
Company/Institution:	
Telephone:	(will be filled in by HIGHVOLT)
Fax:	e-mail:
Date:	

In order to offer and deliver a HV test system, optimized for your purposes and conditions, we ask for your cooperation to fill-in this form. Thank you!

General application of the PD measuring system in

test shop research institute training/education

mainly for the following test objects:

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Existing HV test system

HV test system exists yes no

Main Parameter

Rated voltage: kV

Rated power/current/energy: kVA/mA/kJ

PD level: pC at kV

Test room

Dimensions

Height: m

Length: m

Width: m

Screening yes no on-site
(field measurement)

Kind of screening

.....

Low voltage HF filters: yes no

Description of test objects

Cases *	Example	*	*	*
Type	<i>cable</i>			
Rated voltage kV	<i>220 kV</i>			
Test voltage kV	<i>320 kV</i>			
PD sensitivity pC	<i>2 pC</i>			
Capacitance range of test object nF	<i>min. 100 ... max. 500 nF</i>

Please turn over!

Additionally existing HV test equipment

coupling capacitor	yes <input type="checkbox"/>	no <input type="checkbox"/>
Rated voltage:	kV
Rated capacitance:	nF
HV filter	yes <input type="checkbox"/>	no <input type="checkbox"/>
Blocking impedance	yes <input type="checkbox"/>	no <input type="checkbox"/>

Performance and features of PD measuring system

	Straight-on measurement <input type="checkbox"/>	Bridge measurement <input type="checkbox"/>
Standard measuring device	yes <input type="checkbox"/>	no <input type="checkbox"/>
Calibrator	yes <input type="checkbox"/>	no <input type="checkbox"/>
Measuring impedance (matching unit)	yes <input type="checkbox"/>	no <input type="checkbox"/>
Noise suppression units	yes <input type="checkbox"/>	no <input type="checkbox"/>
Oscilloscope	yes <input type="checkbox"/>	no <input type="checkbox"/>
Computerised system	yes <input type="checkbox"/>	no <input type="checkbox"/>
measurement	yes <input type="checkbox"/>	no <input type="checkbox"/>
recording	yes <input type="checkbox"/>	no <input type="checkbox"/>
evaluation	yes <input type="checkbox"/>	no <input type="checkbox"/>

In case of non-standard measuring devices (measuring probes, special measuring sensors, fault location units etc.), please describe briefly here

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Supply conditions

Mains voltage:	V
Mains frequency:	Hz

Installation on-site

Supervision desired	yes <input type="checkbox"/>	no <input type="checkbox"/>
Training desired	yes <input type="checkbox"/>	no <input type="checkbox"/>

Space for further remarks:

For further information please contact:

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