

## TECHNICAL QUESTIONNAIRE 3.102/1

### Impulse Current Test Systems

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!

Application of the impulse test system

in test shop  research institute  training/education

mainly for the following test objects: \_\_\_\_\_

Required data for the impulse test system (as far as known):

Total charging voltage: \_\_\_\_\_ kV

Total charging energy: \_\_\_\_\_ kJ

Dimensioning of the generator acc. the following cases:

Current test of surge arresters - exponentially impulse currents

test case	type of arresters				impulse current		nominal residual voltage of the arrester kV
	without gap	with gap	metal oxide	silicon carbide	type $\mu\text{s}/\mu\text{s}$	peak value kA	
1.							
2.							
3.							
example	x		x		8/20	10	540

Current test of surge arresters - rectangular impulse currents

test case	type of arresters				impulse current			nominal residual voltage of the arrester kV
	without gap	with gap	metal oxide	silicon carbide	duration $\mu\text{s}$	peak value A	arrester classification kA	
1.								
2.								
3.								
example 1	x		x		1000	75	---	120
example 2	x		x		2800	---	20	540

Please turn over!

