



TECHNICAL QUESTIONNAIRE 0.101/1

Environmental Conditions for Erection and Operation of HV 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 co-operation to fill-in this form. Thank you!

HIGHVOLT high-voltage components are normally designed for the following conditions:

erection	ambient temperature °C	relative humidity (up to 30°C) %	altitude m	wind-velocity km/h
indoor	+5 to +35	≤ 90	≤ 1000	-
outdoor	-25 to +40	≤ 98 (without dew)	≤ 1000	90

If required by the customer, HIGHVOLT HV test systems can be modified for harder conditions and additional demands (for example earthquake proof) and specified for deviating nominal data.

Placing location/country:

Height above sea level: m

Test field: indoor outdoor
 - new building
 - existing
 building

Desired placing of the HV generator(s) stationary in test lab
 moveable in test lab
 - rollers/wheels
 - rails
 - air cushions for on-site testing

Please turn over!

Available space for the installation of the HV test system

Width m **X** Length m **X** Height m

If the space is very limited, add a drawing!

Length of the measuring and control cables between control room and HV generator

standard (25 m) other m

Please fill in the table!

environmental operation conditions:	ambient temperature ° C		max relative air humidity %
	min	max	
- for the HV generator and components			
- for the control measurement system			
- for the regulation unit			
- for the switchgear			

Additional conditions for the operation of the HV test system

Air pressure (if altitude > 1000 m): min. hPa max. hPa

max. earthquake intensity: acc. scale

For outdoor erection additionally:

rain often sometimes seldom

snow/ice yes no

max. test voltage in presence of

rain kV

snow/ice kV

max. wind velocity km/h

air pollution no yes kind

Space for remarks:

For further information please contact:

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