Questionnaire – Data Request for UV Oxidation

Date	_____
Person @ uv-technik who spoke with customer	_____
Customer company name	_____
Contact person customer (surname, first name)	_____
Contact data **phone**	_____
Email	_____

1 Fluid

1. Provenance of fluid _____
2. Pre-conditioning the medium _____
3. Requirements on the micro-biological composition

   _____ KBE / _____ ml

   others _____

2 Analysis and target values

1. The following analyses are enclosed

☐ micro-biological ☐ chemical

2. Measured water values

Water values	Actual value	Rated value
pH		
CSB (mg/l)		
BSB_5 (mg/l)		
TOC (mg/l)		
AOX (mg/l)		
CKW (mg/l)		
chlorides (mg/l)		
metals (mg/l)		
anions (mg/l)		
cationen (mg/l)		
pollutants		

Notes _____

_____

3. **Demanded flow rate** _____ l/sec. or _____ m³/h
4. **Demanded UV transmission at 254 nm** (SAK 254 nm)

   @1 cm (%) _____ @10 cm (%) _____

   ☐ Sample to the transmission measuring becomes handed in later.
5. **Viscosity** _____ Pa · s specific gravity _____ kg/m³

   medium temperature between _____ and _____ °C

   medium quality ☐ constant ☐ fluctuating
6. **UV dose**

   Required _____ J/m²

   ☐ ozone dismantlement

4 Situation on site

Country of installation _____ ☐ new system ☐ old system

Ambient conditions room temperature _____°C humidity _____%

1. **Mechanical details**

   operating pressure PN _____

   ☐ expecting pressure strokes/water hammer

   Connection (flange)

   ☐ DN _____ ☐ R _____ ☐ inch _____
2. **Electrical details**

   voltage ☐ 230V / 50 Hz ☐ 400V / 50 Hz ☐ other _____

   mains type ☐ TN system ☐ TT system ☐ IT system ☐ other _____
3. **Miscellaneous**

   Frost protection ensures ☐ Yes ☐ No

   Desired special equipment _____

   _____

5 Any other comments or hints?

_____

_____

…_____