

## Application Sheet

(General Information)

Date:

### Customer Details

<b>Company name</b>	
<b>Plant site / -name</b>	
<b>Name</b>	
<b>Position</b>	
<b>Department</b>	
<b>Phone- / Fax-No.</b>	
<b>Adress</b>	
<b>ZIP / City / Country</b>	

### Application Details

<b>Which parameter/s is/are supposed to be measured?</b>	
<b>How is/are the parameter/s determined at present?</b>	<input type="checkbox"/> online, if so, which analyser: _____ <input type="checkbox"/> laboratory analysis <i>internal</i> <input type="checkbox"/> laboratory analysis <i>external</i> <input type="checkbox"/> no analysis
<b>Which analysis method is used to determine the parameter/s at present?</b>	
<b>At which location is the parameter to be measured?</b>	
<b>What is the purpose for measuring the parameter?</b>	
<b>What is the reason for measuring the parameter concerning function of the plant?</b>	
<b>How many sample lines are supposed to be measured?</b>	

## Description of Samples

(one sheet per sample stream)

Parameter: \_\_\_\_\_

Sample line No.: \_\_\_\_\_

### Description of Sample

What are the major components of the sample and what is the concentration range?				
components / unit	[mg/ l]	minimum	average	maximum
1)				
2)				

What type of industrial waste water is included in the sample?

What is the concentration range of the following substances?				
Substances / unit		minimum	average	maximum
1) Chloride	[mg/ L]			
2) Silver – combination	[mg/ L]			
3) Methanol	[mg/ L]			
4) Ethanol	[mg/ L]			
5) Acetic acid	[mg/ L]			
6) Iron (Fe <sup>2+</sup> /Fe <sup>3+</sup> )	[mg/ L]			

Description of the following feature?				
Feature / unit		minimum	average	maximum
Temperature	[°C]			
<b>PH</b>				
Conductivity	[µS/ mm <sup>2</sup> ]			
Turbidity				
Solid matters (grain size?)				
BOD	[mg/l]			
COD	[mg/l]			
TOC (Total Organic Carbon)	[mg/l]			
TIC (Total Inorganic Carbon)	[mg/l]			
Oil / Fat	[mg/ l]			
Others:				

How fast is the composition of the sample changing?	<input type="checkbox"/> hourly <input type="checkbox"/> a few times daily <input type="checkbox"/> once a day <input type="checkbox"/> weekly <input type="checkbox"/> never
What are the substances of which the concentration is changing the most?	
Please indicate substance and concentration:	from                      to
1	
2	
3	

### Measurement frequency

How frequently has the value of this sample line been measured?	
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## Description of Installation

(please fill out one per analyser)

### Conditions of Environment

Description of installation site			
Type of mounting	mounting rack: others:	wall mounting:	
Ambient temperature (Summer & Winter)	minimum:	average:	maximum:
Direct sun treatment possible ?		Yes	No
Is there any aggressive gas? If so, which ones?		Yes	No

### Interfaces

Power connection	230 VAC +/- 10%	115 VAC +/- 10%	
Sample supply 5-10 m <sup>3</sup> / h for FlowSampler necessary	ensured:	Yes	No
Distance sampling point to analyser	.....meters		
Difference of height: sampling point to FlowSampler	.....meters		
Pressure free drain available?	Yes	No	
Using of analog output?	Yes	No	
Using of alarms?	Yes	No	
If so, what kind?			
Using of relays?	Yes	No	
If so, for what purpose?	1).....	2).....	3)..... 4).....
Using of printer?	Yes	No	

### Analyser Specific Interfaces / Options

Compressed air available?	.....bar	
Deionised water available?	Yes	No
Using of reverse osmosis option?	Yes	No
Cooling water connection available?	Yes	No
Temperature of cooling water, -pressure, -flow rate?	..... °C / .....bar	..... l/h
Using of sludge recycling unit?	Yes	No
Using of ATU dosing unit?	Yes	No
Using of nutrient solution dosing unit?	Yes	No
Using of RS 232 connection?	Yes	No

Please try to make a sketch of the plant including the sampling points and the analyser site!  
**If possible add some pictures of the installation site and the sampling points!**