



**Process Control**

**Sales Office:**

52 CALAFAT St. , sector 2, Bucharest, RO

Phone/Fax: +40 21 211 92 02

Phone: +40 21 211 92 61

E-mail: office@robomatic.com.ro

**Application sheet**  
(General informations)

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</b>	

**Application details**

<b>Which parameter is supposed to be measured?</b>	
<b>How is the parameter determined at present?</b>	<p><math>\rho</math> online, if so, which analyzer: _____</p> <p><math>\rho</math> Laboratory analysis <i>internal</i>      <math>\rho</math> Laboratory analysis <i>external</i></p> <p><math>\rho</math> no analysis</p>
<b>Which analysis method is used to determine the parameter at present?</b>	
<b>At which locations the parameter has to be measured?</b>	
<b>What is the purpose for measuring the parameter?</b>	
<b>What is the sense of measuring the parameter concerning function of the plant?</b>	
<b>How many sample lines are supposed to be measured?</b>	



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**Description of samples**

(one sheet per sample stream)

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

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

**Description of sample**

What are the major compoundends of the sample and in what is the concentration range?			
Compoundend / 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 (Fe2+/Fe3+) [mg/ L]			

Description of the following feature?			
Feature / unit	minimum	Average	maximum
Temperature [°C]			
<b>PH</b>			
Conductivity [µS/ mm²]			
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?	ρ hourly ρ a few times daily ρ once a day ρ weekly ρ never		
What are the substances, the concentration is changing the most?			
Please indicate substance and concentration:	from		till
1			
2			
3			



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**Measurement frequency**

How frequent has the value of this sample line being measured?	
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**Description of installation**  
(please fill out one per analyzer)

**Conditions of surroundings**

Description of installation site			
Type of mounting	Mounting rack:	Wall mounting:	
	Others:		
Ambient temperature (Summer & Winter)	minimum:	Typicall:	Maximum:
Direct sun treatment possible ?		Yes	No
Is there any aggressive gas		Yes	No
If so, which ones?			

**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 analyzer	.....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, which ones			
Using of relais?	Yes	No	
If so, for what purpose?	1).....	2).....	3)..... 4).....
Using of printer?	Yes	No	

**Analyzer 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



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safety through knowledge

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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 analyzer site!  
**If possible add some pictures of the installation site and the sampling points!**

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