



Trattamento Acque Water Treatment

***Please specify process type :***

<b><i>DETAILS OF PROCESS HOUSE</i></b>
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Production:

Daily processed quantity \_\_\_\_\_

Process water daily flow rate \_\_\_\_\_ m<sup>3</sup>/day      gallons/day

Facilities (lavatory, etc.) daily flow rate \_\_\_\_\_ m<sup>3</sup>/day      gallons/day

Daily working hour's \_\_\_\_\_ hr/day

Weekly working days \_\_\_\_\_ days/week

Holiday time \_\_\_\_\_ days/year

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P.IVA-C.F. 02566530248  
R.E.A. Vicenza n° 241054  
Reg. Imp. di Vicenza  
n° 364637/1996



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## **SITE DETAILS**

Site elevation \_\_\_\_\_ m

Available open space for plant installation \_\_\_\_\_ m<sup>2</sup>

Available height for plant installation \_\_\_\_\_ m

Is it possible to lay underground tanks?      yes                       No

Power supply \_\_\_\_\_ Hz \_\_\_\_\_ V

Cost of Power \_\_\_\_\_ / kW/h

Cost of raw water \_\_\_\_\_ / m<sup>3</sup>/gallon

Special remarks, if any \_\_\_\_\_

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***DETAILS OF EXISTING TREATMENT PLANT ( if any)***

If a treatment plant already existing :

Chemical – physical

Biological

Other

Please give detail of process flow

\_\_\_\_\_

Cost of treated water

\_\_\_\_\_ / m<sup>3</sup>/gallon

Special remarks, if any

\_\_\_\_\_



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**Parameters of the wastewater to be treated  
(\* required mandatory for plant design)**

COD\* min \_\_\_\_\_ mean \_\_\_\_\_ max \_\_\_\_\_ mg/l  
BOD\* min \_\_\_\_\_ mean \_\_\_\_\_ max \_\_\_\_\_ mg/l  
pH\* \_\_\_\_\_  
Temperature \* \_\_\_\_\_ °C  
Total suspended solids \* \_\_\_\_\_ mg/l  
Total settleable solids \_\_\_\_\_ ml/l  
Total nitrogen (TKN) \* \_\_\_\_\_ mg/l  
Ammonia NH<sub>3</sub> \* \_\_\_\_\_ mg/l  
Nitrates NO<sub>3</sub> \_\_\_\_\_ mg/l  
Nitrites NO<sub>2</sub> \_\_\_\_\_ mg/l  
Total Phosphorus\* \_\_\_\_\_ mg/l  
Sulphates \* \_\_\_\_\_ mg/l  
Chlorides\* \_\_\_\_\_ mg/l  
Colour \* \_\_\_\_\_ mg/l (Pt - Co) / dilution times  
Surfactants, anionic (MBAS) \_\_\_\_\_ mg/l  
Surfactants, no-ionic (BIAS) \_\_\_\_\_ mg/l  
Phenols \_\_\_\_\_ mg/l  
Oils and fats \_\_\_\_\_ mg/l

Remarks \_\_\_\_\_

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Is an enlargement foreseen in the coming 1-2 years

	2 <sup>nd</sup> step	3 <sup>rd</sup> step	4 <sup>th</sup> step	
Working processing daily flow	_____	_____	_____	m <sup>3</sup> /gallons
COD	_____	_____	_____	mg/l
BOD <sub>5</sub>	_____	_____	_____	mg/l

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## REQUIRED OUTLET PARAMETERS

COD min \_\_\_\_\_ mean \_\_\_\_\_ max \_\_\_\_\_ mg/l

BOD<sub>5</sub> min \_\_\_\_\_ mean \_\_\_\_\_ max \_\_\_\_\_ mg/l

Ph \_\_\_\_\_

Temperature \_\_\_\_\_ °C

Total suspended solids \_\_\_\_\_ mg/l

Total settleable solids \_\_\_\_\_ ml/l

Total nitrogen (TKN) \_\_\_\_\_ mg/l

Ammonia NH<sub>3</sub> \_\_\_\_\_ mg/l

Nitrates NO<sub>3</sub> \_\_\_\_\_ mg/l

Nitrites NO<sub>2</sub> \_\_\_\_\_ mg/l

Total Phosphorus \_\_\_\_\_ mg/l

Sulphates \_\_\_\_\_ mg/l

Chlorides \_\_\_\_\_ mg/l

Colour \_\_\_\_\_ mg/l (Pt - Co) / dilution times

Surfactants, anionic (MBAS) \_\_\_\_\_ mg/l

Surfactants, no-ionic (BIAS) \_\_\_\_\_ mg/l

Phenols \_\_\_\_\_ mg/l

Oils and fats \_\_\_\_\_ mg/l

Do you want to recover wastewater ?

yes

No

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In which percentage ? \_\_\_\_\_

For which use?    Process                       No process (ex toilet, garden)

Special remarks, if any \_\_\_\_\_

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