


Information checklist for free estimate

Please email a copy to us at info@ohr-labo.com

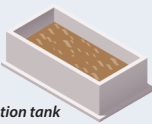
Company name		Department	
Person in charge	<input type="checkbox"/> Mr. <input type="checkbox"/> Ms.	Email	Tel.
Address		Postal/ZIP code:	Country:
Industry	<input type="checkbox"/> Chemical <input type="checkbox"/> Steel/metal <input type="checkbox"/> Automobile/machine <input type="checkbox"/> Paper mill <input type="checkbox"/> Food <input type="checkbox"/> Beverage <input type="checkbox"/> Drug <input type="checkbox"/> Livestock <input type="checkbox"/> Waste disposal <input type="checkbox"/> Engineering <input type="checkbox"/> Other		
Purpose	<input type="checkbox"/> Clog-free/maintenance-free air diffuser <input type="checkbox"/> Intermittent aeration <input type="checkbox"/> Wastewater treatment capacity upgrade <input type="checkbox"/> Power saving <input type="checkbox"/> Chemical reaction acceleration <input type="checkbox"/> Sludge accumulation removal and prevention <input type="checkbox"/> Other:		

For biotreatment use: Please fill in as much information as possible.



Wastewater volume: _____ m³/day

Wastewater inflow from factory




Equalization tank

Number of equalization tanks: _____ tank(s)

Dimensions:
L _____ x W _____ x H _____ m

Water depth:
min _____ avg _____ max _____ m

Pretreatment:
 Pre-sedimentation DAF Neither



Pre-sedimentation/DAF

Aeration time per day: _____ hour(s)/day

MLSS concentration: avg _____ max _____ mg/L

Number of aeration tanks: _____ tank(s)

Temperature of aeration tank water in summer: _____ °C °F

Aeration tank dimensions:

L _____ x W _____ x H _____ m x _____ tank(s)

L _____ x W _____ x H _____ m x _____ tank(s)

L _____ x W _____ x H _____ m x _____ tank(s)

Tank top:
 Open Closed

Are there haunches on the tank floor?
 Yes No Not sure
 W _____ x H _____ mm

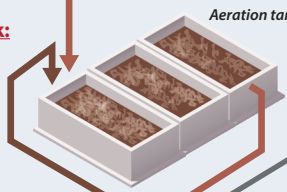
Air blower performance:

A Volume _____ m³/min x Pressure _____ kPa bar psi Rated power _____ kW x _____ unit(s) active, _____ on standby

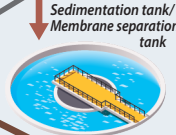
B Volume _____ m³/min x Pressure _____ kPa bar psi Rated power _____ kW x _____ unit(s) active, _____ on standby

Details of wastewater at time of entering aeration tank:

- BOD: avg _____ max _____ mg/L
- COD: avg _____ max _____ mg/L
- SS: avg _____ mg/L
- VSS: avg _____ mg/L
- Total nitrogen: avg _____ mg/L
- Total sulphide: avg _____ mg/L
- Oil and grease (HEM): avg _____ max _____ mg/L



Aeration tank



Sedimentation tank/
Membrane separation tank

Activated sludge return

Discharge

Return sludge volume: _____ m³/day

Sludge separation method:
 With membrane
 By gravity → Sedimentation tank volume: _____ m³

Treated water discharge point: Rivers Seas Sewers

Regulatory effluent limit:
 BOD _____ mg/L COD _____ mg/L

For non-biotreatment use:

Purpose:

Gas-liquid reaction: Neutralization/pH control Gas absorption/reaction Degassing Other _____

Other: Prevent both pulp water decomposition and H₂S generation Remove sludge accumulation Increase oxygen Other _____

Tank dimensions: L _____ x W _____ x H _____ m **Water depth:** _____ m x _____ tank(s) **Tank shape:** Cuboidal Cylindrical

Requests/questions (current problems, technical questions, etc.)

► For additional information, please feel free to contact us at your convenience.



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