



# Zentec

Industrial Solutions, Unlimited Possibilities

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Reg No: 2020/640896/07

## CONTACT DETAILS

|         |         |
|---------|---------|
| Name    | Email   |
| Tel     | Company |
| Project |         |

## SITE CONDITIONS

|              |                  |             |
|--------------|------------------|-------------|
| Altitude [m] | Temperature [°C] | Voltage (V) |
|--------------|------------------|-------------|

## BASIN GEOMETRY

|                                     |                      |              |
|-------------------------------------|----------------------|--------------|
| Depth [m]                           | Length x Breadth [m] | Diameter [m] |
| Top of Platform to Liquid Level (m) |                      |              |

## LIQUID PROPERTIES

|                        |                |            |
|------------------------|----------------|------------|
| COD [mg/l]             | BOD [mg/l]     | TDS [mg/l] |
| SG [t/m <sup>3</sup> ] | Viscosity [cP] |            |
| Alpha                  | Beta           |            |

## PROCESS REQUIREMENTS

|  |                                   |
|--|-----------------------------------|
| Oxygen transfer rate [kg O <sub>2</sub> /hr] | Power density [W/m <sup>3</sup> ] |
| Max tip speed [m/s]                          | Max imp. speed (rpm)              |

## MATERIALS OF CONSTRUCTION AND CORROSION PROTECTION

STD MOC.: Baseplate: C.S + Galvansing, Wetend: C.S. + epoxy painting.

|               |            |
|---------------|------------|
| Baseplate MOC | Wetend MOC |
|---------------|------------|

## AERATOR REQUIREMENTS

|                              |
|------------------------------|
| Low speed or high speed      |
| Floating or platform mounted |
| Estimated power (kW)         |