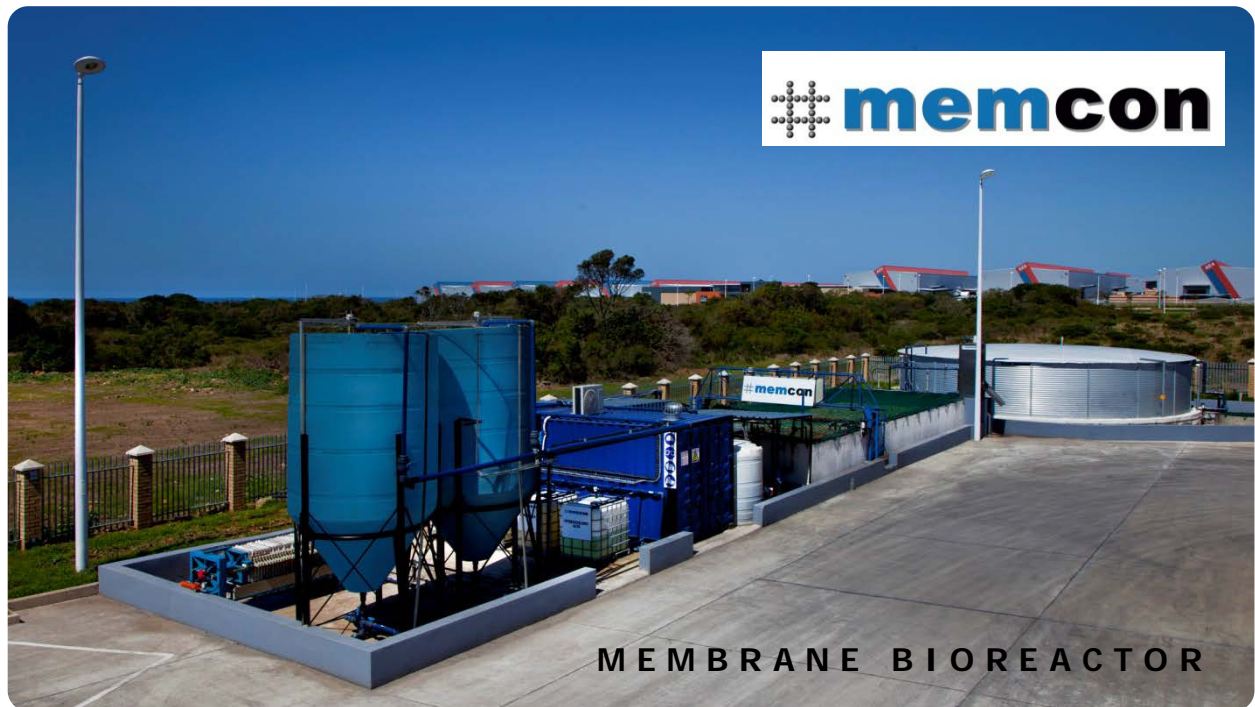


## MEMBRANE BIOREACTOR QUESTIONNAIRE



**Customer:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Contact:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Tel No.:** \_\_\_\_\_



**1. Production Information**

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Nature of business and products produced

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Current effluent management processes (liquid and/or solid waste)

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Principle sources of water consumption and effluent generation (volumetric flow rate)

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Final effluent volumetric flow rate

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Point of discharge (i.e. water body, river, municipal sewer)

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**\*Please specify which municipality**

Discharge penalties (Rand value – annual and/or monthly)

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Desired effluent quality (municipal discharge compliance, reuse i.t.o. process and/or drinking water)

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\*Please specify the desired extent of treatment  
Space limitations / Available space

\*Please specify whether a current sump is in use and its capacity.

**2. Effluent Compositional Analysis**

**Physico-Chemical Parameters**

pH	pH units	_____	VSS	mg/L	_____
Conductivity	µS/cm	_____	NH <sub>4</sub> - N	mg/L	_____
TDS	mg/L	_____	NO <sub>3</sub> - N	mg/L	_____
Turbidity	NTU	_____	TKN	mg/L	_____
COD	mg/L	_____	Total P	mg/L	_____
BOD <sub>5</sub>	mg/L	_____	PO <sub>4</sub>	mg/L	_____
TSS	mg/L	_____	FOG	mg/L	_____

**Inorganic Parameters**

Na	mg/L	_____	CO <sub>3</sub>	mg/L	_____
K	mg/L	_____	SO <sub>4</sub>	mg/L	_____
Ca	mg/L	_____	B	mg/L	_____
Mg	mg/L	_____	Mn	mg/L	_____
Fe	mg/L	_____	Cu	mg/L	_____
Cl	mg/L	_____	Zn	mg/L	_____
HCO <sub>3</sub>	mg/L	_____	F	mg/L	_____

Remarks

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\*Odour, smell, colour