

AO+MBR Integrated Sewage Treatment Equipment Configuration List

Item	Equipment	Type and Specificatons	QTY	UNIT	Remark	Brand
1.	AO+MBR — Integrated Sewage Treatment	16*3*3M (2containers) Anoxic-Oxic-MBR-Disinfection-Equipment Room Corrosion prevention manhole Height 100mm LED Light Lifting lugs and others	1	set	GB standard 6mm carbon steel. Double-sided full penetration welding, with internal and external epoxy coal tar asphalt anti-corrosion coating. 2.25m (Width) 2.29m (Height)	
2.	Regulating tank lift pump	WQ25-15-2.2 Q=25m³/h,H=17m,N=2.2KW	2	set	One in use, one on standby	
3.	Nitrated liquid reflux system	NQ43-13-3 Q=40m³/h,H=13m,N=3KW	1	set		
4.	Sludge return system	WQ25-15-2.2 Q=25m³/h,H=17m,N=2.2KW	1	set		
5.	Membrane element	Curtain Membrane PVDF	1500	m²		

6.	Membrane Frame	Standard configuration	1	set	SS304	
7.	Other membrane accessories		1	set		
8.	Suction pump	80ZW40-16-4kw DN80, 8.17A	2	set		
9.	Membrane clean water backwash pump	WQ43-13-3	1	set		
		Q=40m³/h, H=13m, N=3KW				
10.	Membrane drug washing system	500L Dosing device explain: Based on the context, this refers to a 500-liter dosing device, which is equipment used for precise chemical injection in industrial or water treatment processes.	1	set		pharmaceutical agent is citric acid prepared by customer
		100LMetering pump	1	set		
		0.75KW Mixer	1	set		
11.	Ultraviolet disinfection system	1050W, Φ219*1660	1	set		
12.	Anoxic tank combined packing media	Φ150Combination packing explain: Based on the context, this refers to a specific type of packing material with a diameter of 150mm, commonly used in industrial or environmental engineering applications.	1	set	Aldehydized silk	
13.	Anoxic tank filler support frame	Φ12Corrosion-resistant threaded steel 5#Corrosion-resistant angle steel	1	set		
14.	Aerobic tank filler	Φ150Combination filler	1	set	Aldehydized silk	
15.	Aerobic tank filler support frame	Φ12Corrosion-resistant threaded steel 5#Corrosion-resistant angle steel	1	set		

16.	Hypoxic tank aeration	Perforated aeration	1	set	PVC	
17.	Aeration in the aerobic tank	Φ216Fine pore aeration explain: Based on the context, this refers to a specific type of aeration system (Φ216 diameter) utilizing fine pores for efficient gas diffusion.	1	set		
18.	ABS Frame		1	set		
19.	Aeration branch pipe	Φ63	1	set		
20.	Roots blower	125-11kw-22A	2	set		
21.	Vacuum negative pressure gauge		1	set		
22.	Solenoid valve		2	set		
23.	Diversion tube	DN400	1	set		
24.	Overflow weir		1	set		
25.	Liquid Level Control System	FK Float-type ball level gauge	2	set		
26.	PLC Electric control system	PLC 7" Screen	1	set	Schneider components	Siemens
27.	Wire and cable	GB	1	set		
28.	Pipelines, valves	GB	1	set		
29.	Installation materials	Standard configuration within 4 meters.	1			