

COUGAR COATINGS Estd. 1988 WASTEWATER DIVISION

Supplying unique solutions for the water and waste water industry



BIO-BLOK® INTELLIGENT FIXED FILM BIOLOGICAL FILTER MEDIA

2.1.6. Test Plant for Trickling Filter

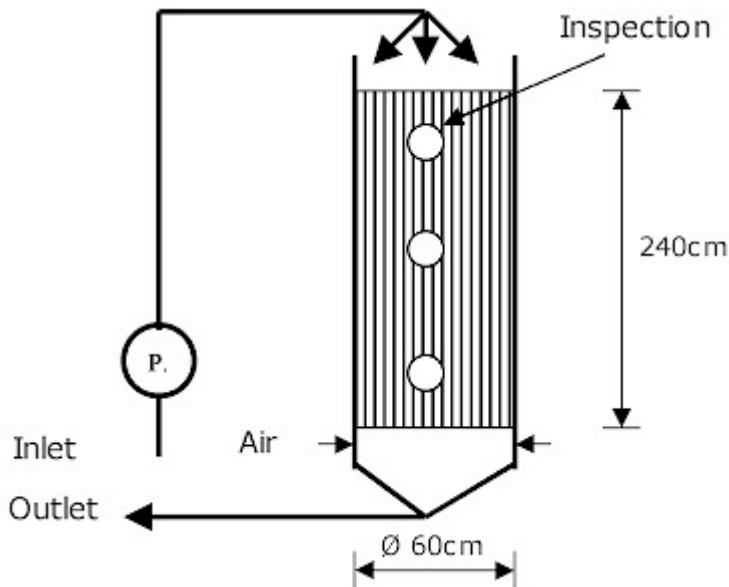


Figure 1: Test plant for trickling filter

Table 1:

Filter type	BIO-BLOK® 200	BIO-BLOK® 100
Cross-sectional area	0.2808 m ²	0.2808 m ²
Volume of filter media	0.68 m ³	0.68 m ³
Surface of filter media	138 m ²	68 m ²
Wastewater temperature		

VAT Registration Number 491201374

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Table 2:

HSL m/h	Water flow m3/h	Inlet COD/BOD	Outlet COD/BOD
1.0	0.280		
1.5	0.421		
2.0	0.561		
3.0	0.842		
4.0	1.123		

Table 3:

Biodegradation g/m2 x day	Inlet NH4-N	Outlet NH4-N	Biodegradation g/m2 x day