



TECHNICAL BULLETIN:

IGC 325 TEST RESULTS FROM IAPMO

The following information is pulled directly from IAPMO's report from witness testing performed at Striem in Kansas City, KS. Visit striemco.com to view detailed reports for each High Efficiency Oil/Water Separator model.

The passing criteria is for the separator to collect hydrocarbons from wastewater with a minimum **90% capture rate**.

Sample Description: Oil / Water Separator

Model	Max Flow Rate (gpm)	Liquid Capacity (gal)	Oil Capacity (gal)	Solid Capacity (gal)	Size (in)
OS-25	25	21	5.25	6	27 x 21 x 15
OS-50	50	57	14.25	7	37 x 28 x 28.5
OS-75	75	110	27.5	11	46 x 32 x 38.5
OS-100	100	250	62.5	95	68 x 33 x 51.5
OS-350	100	350	87.5	114	95 x 33 x 51
OS-500	100	500	125	195	96 x 48 x 51

Effluent Quality Results (mg/L)

Batch No.	OS-25	OS-50	OS-75	OS-100	OS-350	OS-500
1	6.2	20.0	0.0	0.0	0.0	0.0
2	6.5	35.9	0.0	0.0	0.0	0.0
3	7.1	22.3	0.0	3.4	0.0	6.7
4	5.9	11.7	2.2	4.3	3.0	8.1
5	7.3	22.8	2.2	5.7	0.0	5.3
6	7.4	27.3	2.2	5.5	3.4	3.5
7	7.3	25.2	0.0	3.8	4.0	6.4
8	7.3	27.9	2.7	0.0	0.0	6.3
9	5.9	16.2	2.7	5.7	0.0	4.8
10	6.4	32.3	3.6	6.0	0.0	0
11	9.8	22.9	2.2	4.7	0.0	2.6
12	6.4	19.5	3.1	4.4	0.0	2.6
13	14.2	17.3	2.7	3.6	3.8	3.0
14	12.7	38.6	0.0	3.5	4.7	0
15	20.0	36.8	4.0	2.0	6.0	3.5
16	8.0	22.3	5.3	3.7	5.1	0
17	9.1	37.7	3.1	3.1	5.5	5.5
18	13.6	21.4	3.6	0.0	5.2	3.5
19	15.1	19.5	2.2	3.4	3.0	5.7
20	13.9	16.4	0.0	0.0	2.6	5.8
Average	9.5	24.7	2.0	3.2	2.3	3.7
Average Efficiency	99%	98%	99%	99%	99%	99%

