



# TECHNICAL BULLETIN: IGC 325 TEST RESULTS

The following information is pulled directly from IAPMO's report from witness testing performed at Striem in Kansas City, KS. Visit [striemco.com](http://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

## Effluent Quality Results (mg/L)

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

