



# 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 from July 31, 2023 through August 4, 2023. 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	50	110	27.5	11	46 x 32 x 38.5
OS-100	75	250	62.5	95	68 x 33 x 51.5

## Effluent Quality Results (mg/L)

Batch No.	OS-25	OS-50	OS-75	OS-100
1	6.22	20.0	6.67	48.0
2	6.51	35.9	10.0	40.5
3	7.14	22.3	9.30	39.6
4	5.91	11.7	6.98	53.5
5	7.27	22.8	9.55	40.5
6	7.44	27.3	14.0	43.7
7	7.27	25.2	14.9	40.0
8	7.27	27.9	7.14	19.1
9	5.91	16.2	8.10	23.3
10	6.36	32.3	6.98	21.9
11	9.77	22.9	8.10	31.0
12	6.36	19.5	11.2	50.0
13	14.2	17.3	11.6	31.5
14	12.7	38.6	6.67	40.5
15	20.0	36.8	8.37	34.4
16	8.0	22.3	13.3	36.3
17	9.05	37.7	14.5	39.5
18	13.6	21.4	5.33	33.5
19	15.1	19.5	12.3	31.7
20	13.9	16.4	8.64	37.1
<b>Average</b>	<b>9.5</b>	<b>24.7</b>	<b>9.68</b>	<b>36.78</b>
<b>Average Efficiency</b>	<b>99%</b>	<b>98%</b>	<b>99%</b>	<b>96%</b>

