Fluid Motion LLC							
Styrene Emissions							
Building 2							
Product	28' cutwater						
			Pounds Product Used	**% STYRENE**	**Pounds STYRENE USED**	**Emission FACTOR***	**Styrene EMITTED**
GELCOAT	Gelcoat	LBS	341.25	0.33	112.6	0.1075	36.7
	Polyester	LBS	1,277.85	0.35	447.2	0.0385	49.2
RESIN	Vinyl ester	LBS	132.00	0.35	46.2	0.0385	5.1
PUTTY	5Gal Hi-Thix Radius Putty	LBS	213.00	0.2	42.6	0.0385	8.2
						Total styrene per boat	**99.2**
Product	24' cutwater						
			Pounds Product Used	**% STYRENE**	**Pounds STYRENE USED**	**Emission FACTOR**	**Styrene EMITTED**
GELCOAT	Gelcoat	LBS	311.75	0.33	102.9	0.1075	33.5
	Polyester	LBS	1,156.15	0.35	404.7	0.0385	44.5
RESIN	Vinyl ester	LBS	202.35	0.35	70.8	0.0385	7.8
PUTTY	5Gal Hi-Thix Radius Putty	LBS	123.45	0.2	24.7	0.0385	4.8
						Total styrene per boat	**90.6**
Notes:							
* Unified Emission Factors for Open Molding of Composites, July 23,2001							

Fluid Motion LLC

Daily Styrene Emissions

Hours worked per employee	8	hours/day
Lamination workers per day	15	lamination workers/day

	Styrene Emissions	Production Time	Emission Factor*	Maximum Styrene Er	Styrene SQER
	Pounds/boat	Lamination worker-hours/boat	lb/lamination worker-hour	lb/day	lb/day
28' cutwater	99.2	240	0.516		
24' cutwater	90.6	210	0.539	64.7	65

* Emission Factors for styrene for each boat type include a 25% safety factor, consistent with the application for Fluid Motion Arlington NOC #12155